Filed pursuant to Rule 424(b)(1) Registration No. 333-57275

#### 7,766,667 SHARES

# LOGO COMMON STOCK (PAR VALUE \$.01 PER SHARE)

Of the 7,766,667 shares of Common Stock offered, 6,213,334 shares are being offered hereby in the United States and 1,553,333 shares are being offered in a concurrent international offering outside the United States. The initial public offering price and the aggregate underwriting discount per share will be identical for both offerings. See "Underwriting".

Of the 7,766,667 shares of Common Stock offered, 5,400,000 shares are being sold by the Company and 2,366,667 shares are being sold by the Selling Stockholders. See "Principal and Selling Stockholders". The Company will not receive any of the proceeds from the sale of the shares being sold by the Selling Stockholders.

Prior to this offering, there has been no public market for the Common Stock of the Company. For factors considered in determining the initial public offering price, see "Underwriting".

# SEE "RISK FACTORS" BEGINNING ON PAGE 6 FOR CERTAIN CONSIDERATIONS RELEVANT

#### TO AN INVESTMENT IN THE COMMON STOCK.

The Common Stock has been approved for quotation on the Nasdaq National Market under the symbol "ENTU".

#### THESE SECURITIES HAVE NOT BEEN APPROVED OR DISAPPROVED BY THE SECURITIES AND

EXCHANGE COMMISSION OR ANY STATE SECURITIES COMMISSION NOR HAS THE SECURITIES AND EXCHANGE COMMISSION OR ANY STATE SECURITIES COMMISSION PASSED UPON THE ACCURACY OR ADEQUACY OF THIS PROSPECTUS. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

	INITIAL PUBLIC OFFERING PRICE			PROCEEDS TO SELLING STOCKHOLDERS
Per Share	+	\$1.12	\$14.88	\$14.88
Total(3)		\$8,698,667	\$80,352,000	\$35,216,005

<sup>(1)</sup> The Company and the Selling Stockholders have agreed to indemnify the Underwriters against certain liabilities, including liabilities under the Securities Act of 1933.

The shares offered hereby are offered severally by the U.S. Underwriters, as specified herein, subject to receipt and acceptance by them and subject to their right to reject any order in whole or in part. It is expected that certificates for the

<sup>(2)</sup> Before deducting estimated expenses of \$900,000 payable by the Company.

<sup>(3)</sup> The Selling Stockholders have granted the U.S. Underwriters an option for 30 days to purchase up to an additional 932,000 shares at the initial public offering price per share, less the underwriting discount, solely to cover over-allotments. Additionally, the Selling Stockholders have granted the International Underwriters a similar option with respect to an additional 233,000 shares as part of the concurrent international offering. If such options are exercised in full, the total initial public offering price, underwriting discount and proceeds to Selling Stockholders will be \$142,906,672, \$10,003,467 and \$52,551,205, respectively. See "Underwriting".

shares will be ready for delivery in New York, New York on or about August 21, 1998, against payment therefor in immediately available funds.

# GOLDMAN, SACHS & CO. DONALDSON, LUFKIN & JENRETTE

# NATIONSBANC MONTGOMERY SECURITIES LLC WARBURG DILLON READ LLC

The date of this Prospectus is August 17, 1998.

#### [Inside front cover]

On the left half of the page is a circular photo montage showing a globe and various computer-related images. On the righthand side of the page is the caption "Enterprise Security with Real-World PKI Solutions". In the middle of the page on the left side is the Company's name.

[Inside front cover fold-out, left page]

In the top half of the page is a photograph of the boxed versions of the Company's Entrust PKI and Entrust Enterprise Desktop Suite Products. The lower half of the page contains the following text:

#### **Entrust Products**

ENTRUST/AUTHORITY(TM) Provides comprehensive Certification Authority and key recovery capabilities	ENTRUST/DIRECT (TM) Provides Entrust automated key and certificate management features to secure Web sessions
ENTRUST/ADMIN(TM) Performs PKI administrative tasks	ENTRUST/EXPRESS(TM) Provides security for popular e-mail applications
ENTRUST/DIRECTORY(TM) Scalable directory system for storage of key information	ENTRUST-READY(TM) NETSCAPE(R) SOLUTION Enables Entrust product features to be used with
ENTRUST/TOOLKIT(TM)	Netscape Communicator
A family of standards-based security APIs	ENTRUST/ICE(TM) RELEASE 2.0 Provides security for files
ENTRUST/COMMERCECA(TM)	and folders
Comprehensive security for credit card transactions	ENTRUST ENTERPRISE DESKTOP SUITE(TM) Provides for a comprehensive solution for desktop security in a single software package

#### [Inside front cover fold-out, right-hand page]

The following text is in the top half of the page: "The Entrust Public-Key Infrastructure. The Entrust PKI is an integrated, open and scalable software framework that operates across multiple platforms, network devices and applications." In the lower half of the page, a cartoon figure of a computer with keys next to it is identified by the caption "Entrust PKI". This cartoon is connected by arrows to four additional cartoon diagrams surrounding it and labeled as follows: "SET Certs--Credit Card Transactions; Enterprise Certs--E- mail, Desktop, Remote access, E-forms; Web Certs--E-commerce, Internet banking and brokerage; VPN certs (expected to become available in late 1998)--Router, Gateways, Firewalls, Access devices".

CERTAIN PERSONS PARTICIPATING IN THE OFFERINGS MAY ENGAGE IN TRANSACTIONS THAT STABILIZE, MAINTAIN OR OTHERWISE AFFECT THE PRICE OF THE COMMON STOCK, INCLUDING OVER-ALLOTMENT, STABILIZING AND SHORT-COVERING TRANSACTIONS IN SUCH SECURITIES, AND THE IMPOSITION OF A PENALTY BID, IN CONNECTION WITH THE OFFERINGS. FOR A DESCRIPTION OF THESE ACTIVITIES, SEE "UNDERWRITING".

#### PROSPECTUS SUMMARY

The following summary is qualified in its entirety by the more detailed information and the Company's Consolidated Financial Statements, including the Notes thereto, appearing elsewhere in this Prospectus. Except as otherwise noted herein, all information in this Prospectus: (i) reflects the filing upon the closing of the Offerings of the Company's Amended and Restated Articles of Incorporation, which redesignates the Company's Series A Common Stock as Common Stock (the "Common Stock"); (ii) gives effect to the conversion upon the closing of the Offerings of all outstanding shares of the Company's Series B Common Stock and Series B Non-Voting Common Stock into an aggregate of 13,063,836 shares of Common Stock; (iii) assumes the issuance of 7,700,000 shares of Common Stock to Northern Telecom Limited upon the surrender of shares of the Company's Special Voting Stock and the concurrent exchange of Exchangeable Shares of Entrust Technologies Limited, a majority-owned subsidiary of the Company (the "Canadian Subsidiary"); (iv) gives effect to a four-for-one stock split in the form of a stock dividend effected in July 1998; and (v) assumes no exercise of the Underwriters' over-allotment option. See "Underwriting". Unless otherwise specified herein, references to the "Company" or "Entrust" mean Entrust Technologies Inc. and its subsidiaries.

#### THE COMPANY

Entrust Technologies Inc. ("Entrust" or the "Company") develops, markets and sells products and services that allow enterprises to manage trusted, secure electronic communications and transactions over today's advanced networks, including the Internet, extranets and intranets. The Entrust solution automates the management of digital certificates, which are similar to electronic passports, through public key infrastructure ("PKI") technology designed to assure the privacy and authenticity of internal and external electronic communications. The Entrust PKI is an integrated, open and scalable software framework that operates across multiple platforms, network devices and applications, including e-mail, browsers, electronic commerce, electronic forms, remote access and other product offerings from leading vendors. The Company's product suite was first released in 1994, and has since been licensed for use in global enterprises and government entities such as the Canadian government, Citibank, the FDIC, J.P. Morgan, NASA, the Republic of Singapore and the United Kingdom Post. In addition, over three million Entrust certificates have been issued to date for use by the Company's customers.

The widespread adoption in recent years of public and private networks has revolutionized the manner in which organizations communicate and conduct business. These advanced networks provide an attractive medium for communications and commerce because of their global reach, accessibility, use of open standards and ability to permit interactions on a real-time basis. At the same time, they have afforded businesses a user-friendly, low-cost way to conduct a wide variety of commercial functions electronically. Today, organizations are increasingly utilizing these networks to access new markets, improve customer service and streamline business processes through applications such as e-mail, messaging, remote access, intranet-based applications, on-line customer support and supply chain applications.

The very openness and accessibility that has stimulated the use of public and private networks has also driven the need for solutions that address the five critical network security needs: access control, confidentiality, integrity, authentication and non-repudiation. To address these needs, enterprises have increasingly adopted the public key authentication and verification technology offered by digital certificates. However, the mere issuance of digital certificates does not ensure that a user's access is properly monitored, that privileges associated with access are accurately and currently defined, or that the certificates in question have not been withdrawn or replaced. The proliferation of users and certificates greatly complicates management of these issues, which are

critical to maintaining an effective security environment across and between enterprises. Moreover, unless digital certificates can be easily utilized on a consistent and reliable basis across multiple applications, organizations face the challenge and cost of maintaining a separate security infrastructure for each application, requiring separate keys and certificates, multiple passwords and inconsistent or incomplete security implementations.

The Company's PKI solution provides highly functional and flexible management of network security features across an enterprise and between organizations. The Entrust PKI solution offers enterprises all of the functionality necessary for full life cycle management of public keys and digital certificates, including enterprise certificates for use across multiple applications, Web certificates for secure Web transactions and electronic commerce certificates for secure credit card transactions. Entrust products can support multiple applications and large numbers of simultaneous users, while seamlessly effecting complex certification and key recovery functions, enabling enterprises to significantly reduce their overall costs for addressing security requirements.

The Company's objective is to maintain and enhance its position as the leading provider of comprehensive PKI solutions, building on its four years of product deployment experience and its 140-person research and development team that includes researchers with international reputations in their fields. The Company's marketing strategy is to target Global 2000 organizations and large government entities that have significant requirements for comprehensive PKI solutions and the resources to deploy them broadly. The Company also has an Entrust Partner Program to achieve widespread adoption of its PKI solution. This program includes VAR and OEM partners that create bundled solutions which allow customers to purchase total desktop applications incorporating Entrust functionality. These VAR and OEM partners include Digital Equipment Corporation, EDS, Hewlett-Packard, IBM and Tandem, which resell the Company's products with their hardware and networking solutions, as well as Check Point Software, Symantec and TimeStep, which plan to bundle the Company's PKI solutions with their own software products. The program also includes consultant and systems integration partners that recommend and implement Entrust-Ready security solutions as part of their overall service offerings to customers. These partners, which include Coopers & Lybrand, Deloitte & Touche and KPMG Peat Marwick, differentiate their offerings through the inclusion of PKI functionality to broaden the Company's sales channels. In order to promote the interoperability of the Company's PKI solution with a wide range of third party product offerings, the Company has developed relationships with leading technology providers such as Cisco, Lotus Development, Netscape and Shiva.

The Company was originally established in January 1994 as the Secure Networks group of Northern Telecom Limited and its subsidiary, Northern Telecom Inc., to pursue the development and sale of PKI products and services, and was incorporated as a Maryland corporation in December 1996. The Company's principal executive offices are located at 2323 North Central Expressway, Richardson, Texas 75080, and its telephone number at that location is (972) 994-8000.

Entrust is a registered trademark, and Entrust-Ready, the Entrust design (Elmer), Entrust/Authority, Entrust/Admin, Entrust/Directory, Entrust/Entelligence, Entrust/Web Connector, Entrust/CommerceCA, Entrust/Lite, Entrust/Solo, Entrust/ICE, Entrust/Express, Entrust/Direct, Entrust/True Delete, Entrust/Toolkit, Entrust PKI, Entrust InSource, Entrust Partner and Entrust SecureSummit are trademarks or service marks, of Entrust Technologies Limited, a majority-owned subsidiary of Entrust Technologies Inc. Other trademarks and service marks used in this Prospectus are the property of their respective owners.

<sup>4</sup> 

#### THE OFFERINGS

The offering of 6,213,334 shares of Common Stock initially being offered in the United States (the "U.S. Offering") and the concurrent offering of 1,553,333 shares of Common Stock initially being offered outside the United States (the "International Offering") are collectively referred to herein as the "Offerings". The closing of the International Offering is conditioned upon the closing of the U.S. Offering and vice versa. See "Underwriting".

Common Stock offered:

By the Company:	4 220 000 change
U.S. Offering	
International Offering	
	5,400,000
By the Selling Stockholders:	
U.S. Offering	1,893,334 shares
International Offering	473,333 shares
5	2,366,667
Total	7,766,667
Common Stock to be outstanding after the	
Offerings	
Nasdaq National Market symbol	ENTU
Use of proceeds by the Company	For working capital and other general corporate purposes, including product development and potential acquisitions of complementary businesses, products or technologies. See "Use of Proceeds".

(1) Includes 6,034,458 shares of Special Voting Stock and excludes (i) an aggregate of 9,587,960 shares of Common Stock reserved for issuance under the Company's Amended and Restated 1996 Stock Incentive Plan, of which 7,385,764 shares were subject to outstanding options as of June 30, 1998 at a weighted average exercise price of \$2.96 per share, and (ii) an aggregate of 400,000 shares of Common Stock reserved for issuance under the Company's 1998 Employee Stock Purchase Plan.

# SUMMARY CONSOLIDATED FINANCIAL DATA

(IN THOUSANDS, EXCEPT PER SHARE DATA)

	YEAR ENDED DECEMBER 31,					SIX MONTHS ENDED JUNE 30,		
	1994	1995	1996			-	1997	1998
STATEMENT OF OPERATIONS DA- TA:								
Total revenues	\$3,881	\$ 3,973	\$12,802	\$2	5,006	\$	9,891	\$20,938
Gross profit	2,696	2,989	9,252	2	0,090		7,551	17,028
Income (loss) from opera-								
tions	27	(2,424)	56		(490)		(4)	(21,816)
Net income (loss)	138	(2,123)	387		514		396	(21,439)
Net income (loss) per basic								
share(1)				\$	0.02	\$	0.01	\$ (0.69)
Net income (loss) per di-								
luted share(1)				\$	0.01	\$	0.01	\$ (0.69)
Shares used to compute net income (loss)								
per basic share(1)				3	0,700	3	30,700	30,849
Shares used to compute net income (loss)								
per diluted share(1)				4	1,743	4	41,064	46,686

		30, 1998
	ACTUAL	AS ADJUSTED(2)
BALANCE SHEET DATA: Cash, cash equivalents and short-term investments Working capital Total assets Shareholders' equity (deficit)	\$ 4,369 3,138 24,152	\$ 83,821 82,590 103,604 89,732

(1) See Note 2 of Notes to the Company's Consolidated Financial Statements for the calculation of basic and diluted net income (loss) per share.

(2) Gives effect to the sale of the 5,400,000 shares of Common Stock offered by the Company pursuant to the Offerings, after deducting the underwriting discount and estimated offering expenses. See "Use of Proceeds".

# **RISK FACTORS**

In addition to the other information in this Prospectus, the following risk factors should be considered carefully in evaluating the Company and its business before purchasing the shares of Common Stock offered by this Prospectus. This Prospectus contains forward-looking statements that involve risks and uncertainties. The cautionary statements contained in this Prospectus should be read as being applicable to all related forward-looking statements wherever they appear in this Prospectus. The Company's actual results could differ materially from those discussed here. Important factors that could cause or contribute to such differences include those discussed below, as well as those discussed elsewhere in this Prospectus.

# POTENTIAL FLUCTUATION AND UNCERTAINTY OF QUARTERLY OPERATING RESULTS

The Company's quarterly revenues and operating results have varied substantially and may continue to fluctuate due to a number of factors, including the timing, size and nature of the Company's licensing transactions; the market acceptance of new products or product enhancements by the Company or its competitors; product and price competition; the relative proportions of revenues derived from licenses and services and maintenance; changes in the Company's operating expenses; personnel changes; foreign currency exchange rates; and fluctuations in economic and financial market conditions. The timing, size and nature of individual licensing transactions are important factors in the Company's quarterly results of operations. Transactions for the Company's PKI solution often involve large expenditures, and the sales cycles for these transactions are often lengthy and unpredictable. In addition, the sales cycle associated with these transactions is subject to a number of uncertainties, including customers' budgetary constraints, the timing of customers' budget cycles and customers' internal approval processes. There can be no assurance that the Company will be successful in closing such large transactions on a timely basis or at all.

Estimating future revenues is difficult because the Company ships its products soon after an order is received and as such does not have a significant backlog. Thus, quarterly license revenues are heavily dependent upon orders received and shipped within the same quarter. Moreover, the Company has generally recorded 70% to 80% of its total quarterly revenues in the third month of the quarter, with a concentration of revenues in the second half of that month. The Company expects that this concentration of revenues which is, in part, attributable to the tendency of certain customers to make significant capital expenditures at the end of a fiscal quarter and to sales patterns within the software industry, will continue for the foreseeable future.

The Company's expense levels are based, in significant part, on its expectations as to future revenues and are largely fixed in the short term. As a result, the Company may be unable to adjust spending in a timely manner to compensate for any unexpected shortfall in revenues. Accordingly, any significant shortfall of revenues in relation to the Company's expectations would have an immediate and material adverse effect on the Company's financial condition and results of operations for that quarter. In addition, the Company plans to increase operating expenses to expand its research and development, managerial, finance, sales and marketing and service and support organizations. The timing of such expansion and the rate at which new personnel become productive could cause material fluctuations in quarterly and annual results of operations.

Due to all of the foregoing factors, the Company believes that period-to- period comparisons of its results of operations are not necessarily meaningful and that results in any particular quarter are not necessarily indicative of future performance. Future revenues and results of operations may vary substantially from quarter to quarter. In future quarters the Company's results of operations may be below the expectations of public market analysts and investors. In either case, the price of the Company's Common Stock could be materially adversely affected. See "Management's Discussion and Analysis of Financial Condition and Results of Operations".

#### LENGTHY SALES CYCLE; DELAYS IN DEPLOYMENT

Implementing the Company's PKI solution is complex and often requires customers to make significant commitments of time and capital. During a potential customer's evaluation of available network security products, the Company spends substantial time, effort and resources educating the customer about the value of the Company's PKI solution. Sales of the Company's products require an extensive education and marketing effort throughout a customer's organization because decisions to acquire such products generally involve a significant number of customer personnel in various functional and geographic areas, each having specific and often conflicting requirements. A variety of factors, including factors over which the Company has little or no control, may cause potential customers to favor a competing vendor or to delay or forego a purchase. As a result, the sales cycle for the Company's products is long, often ranging between six and nine months, and subject to significant risks, including customers' budgetary constraints and internal acceptance procedures, over which the Company has little or no control. Due to the lengthy sales cycle for its products, the Company's ability to forecast the timing and amount of specific sales is limited, and the delay or failure to complete one or more large licensing transactions could have a material adverse effect on the Company's business, financial condition or results of operations.

Achievement of the Company's financial and other strategic goals is also dependent upon the broad deployment of its PKI solution within enterprises once an initial sale has been made. Because the Company's products are deployed throughout the enterprise, the Company's customers have, from time to time, and may in the future, delay deployment of the Entrust PKI solution for a range of reasons, including delays in definition of applicable security policies and procedures, integration of the solution with other IT components or initiatives, coordination of the Entrust solution with business reengineering or other organizational changes and training of systems administrators and users. Delays in deployment, in turn, may limit the number of additional customer purchases and discourage the widespread adoption of the Company's products by other organizations.

#### **RAPID TECHNOLOGICAL CHANGE; NEW PRODUCT AND SERVICE INTRODUCTIONS**

The emerging market for network security products and related services is characterized by rapid technological developments, frequent new product introductions and evolving industry standards. The emerging nature of this market and its rapid evolution will require the Company to improve the performance, features and reliability of its products and services, particularly in response to competitive offerings, and to be first to market with new products and services or enhancements to existing products and services. The success of new product introductions is dependent on several factors, including proper new product definition and differentiation, timely completion and introduction of new products, and market acceptance of the Company's new products and services. The Company may not be successful in developing and marketing new products and services that respond to competitive and technological developments and changing customer needs. The failure of the Company to develop and introduce new products and services successfully on a timely basis and to achieve market acceptance for such products and services could have a material adverse effect on the Company's business, financial condition and results of operations. In addition, the introduction of new technologies or advances in techniques for gaining unauthorized network access could render the Company's existing products obsolete or unmarketable. For example, any slowdown in the adoption of digital certificates, or the introduction of any alternative security infrastructures, because of the introduction of new technologies or otherwise, could have a material adverse effect on the Company's business, financial condition and long-term prospects. Advances in techniques by individuals and entities seeking to gain unauthorized access to networks could expose the Company's existing products to new and unexpected attacks and require accelerated development of new products or require the Company to invest resources in products that may not become profitable. The adoption of new formal standards, or the evolution of new de facto standards, could require the reconfiguration of the Company's products, reduce their technical competitiveness or

impede their adoption and deployment. Failure to counter challenges to current products or introduce product offerings that keep pace with the technological changes introduced by competitors or persons seeking to breach information security could have a material adverse effect on the Company's business, financial condition or results of operations. See "Business-- Products and Product Development".

# COMPETITION

The Company's products are targeted at the new and rapidly evolving market for PKI solutions. Although the competitive environment in this market has yet to develop fully, the Company anticipates that it will be intensely competitive, subject to rapid change and significantly affected by new product and service introductions and other market activities of industry participants.

Because of the broad functionality of its PKI solution, the Company competes with vendors offering a wide range of security products and services. The Company competes with companies offering commercial certification authority products and services, such as VeriSign, GTE Cybertrust Solutions, XCert and IBM in the market for issuing and maintaining digital certificates for use on public and private networks. Certain of these companies are primarily service providers rather than software solution vendors. The Company also competes with companies such as Baltimore Technologies of Ireland, which offer PKI product solutions for enterprises. In addition, the Company expects to compete with established companies, such as Security Dynamics and Network Associates, which have each announced their intention to introduce PKI products that would be integrated with their other security offerings, as well as Microsoft Corporation, which has announced its intention to offer a certificate server product building on its existing security framework in the near future. In addition, other major networking vendors could, in the future, bundle digital certificates with their product offerings. The Company also competes with most major networking device companies and firewall vendors in the emerging market for providing security across virtual private networks ("VPNs"). The Company expects that competition from established and emerging companies in the financial and telecommunications industries will also increase in the near term, and that certain of the Company's primary long-term competitors may not yet have entered the market. Increased competition could result in pricing pressures, reduced margins or the failure of the Company's products and services to achieve or maintain market acceptance, any of which could have a material adverse effect on the Company's business, financial condition and results of operations.

Many of the Company's current and potential competitors have longer operating histories, greater name recognition, larger installed customer bases and significantly greater financial, technical and marketing resources than the Company. As a result, they may be able to adapt more quickly to new or emerging technologies and changes in customer requirements, or to devote greater resources to the promotion and sale of their products than the Company. In addition, current and potential competitors have established or may in the future establish collaborative relationships among themselves or with third parties, including third parties with whom the Company has strategic relationships, to increase the ability of their products to address the security needs of the Company's prospective customers. Accordingly, it is possible that new competitors or alliances may emerge and rapidly acquire significant market share. If this were to occur, the Company's business, financial condition or results of operation could be materially adversely affected. The Company may also compete for sales of its Entrust products against its original equipment manufacturer ("OEM") licensees, who resell Entrust products under their own brand names. The Company contemplates offering other OEMs licenses to sell Entrust products provided under the licensee's own brand name and therefore may face further competition for sales revenues. See "Business--Sales, Marketing and Business Development". The Company's current and potential competitors may also develop network security products that are more effective than the Company's current or future products and the Company's technologies and products may be rendered obsolete by such developments. See "Business--Competition".

#### **DEPENDENCE ON LARGE CUSTOMERS**

Historically, a limited number of customers has accounted for a significant percentage of the Company's revenues. In 1995, two customers accounted for 53% and 18% of revenues, respectively. In 1996, three customers accounted for an aggregate of 64% of revenues, and 29%, 20% and 15% of revenues, respectively. In 1997, three customers accounted for 19%, 12% and 11% of revenues, respectively. The Company anticipates that its results of operations in any given period will continue to depend to a significant extent upon revenues from a small number of customers. In addition, the Company anticipates that such customers will continue to vary over time, so that the achievement of the Company's long-term goals will require the Company to obtain additional significant customers on an ongoing basis. The failure of the Company to enter into a sufficient number of large licensing agreements during a particular period could have a material adverse effect on the Company's business, financial condition and results of operations. See "Management's Discussion and Analysis of Financial Condition and Results of Operations--Overview".

#### MANAGEMENT OF GROWTH

The Company is currently experiencing rapid growth that is placing a significant strain on its management and other resources. The Company's business has grown significantly in size and complexity over the past three years. Total revenues increased from \$4.0 million in 1995 to \$25.0 million in 1997. In addition, the number of employees increased from 43 to 250 during the same period. During 1997, the number of sales and marketing personnel increased from 23 to 87, and the Company expects to hire additional sales and marketing and other personnel during 1998. The growth in the size and complexity of the Company's business as well as its customer base has placed and is expected to continue to place a significant strain on the Company's management and operations. In addition, certain of the Company's senior management have had limited experience in managing publicly traded companies. The Company anticipates that continued growth, if any, will require it to recruit and hire a substantial number of new development, managerial, finance, sales and marketing and support personnel. The Company may not be successful at hiring or retaining such personnel. The Company's ability to compete effectively and to manage future growth, if any, will depend on its ability to continue to implement and improve operational, financial and management information systems on a timely basis and to expand, train, motivate and manage its work force. The Company's personnel, systems, procedures and controls may not be adequate to support its operations. The geographic dispersal of the Company's operations, including the separation of its headquarters in Richardson, Texas, from its research and development facility in Ottawa, Canada, may make it more difficult to manage the Company's growth.

#### **CHALLENGES OF R/3/ INTEGRATION**

On June 8, 1998, the Company completed the acquisition of r/3/ Security Engineering AG ("r/3/"), a company based in Zurich, Switzerland that provides consulting, applied research and product development services related to commercial security and encryption solutions. The combination of the two companies will require, among other things, integration and coordination of the companies, their respective research and development efforts, and other business operations. There can be no assurance that such integration will be accomplished smoothly or successfully. The difficulties of such integration may also be affected by linguistic and cultural differences, as well as the necessity of coordinating geographically separated organizations within differing regulatory environments. The integration of certain operations will require the dedication of management resources which may temporarily distract attention from the day-to-day business of the combined company. The inability of management to successfully integrate the operations of the two companies could have a material adverse effect on the Company's business, financial condition and results of operations.

#### **INDUSTRY REGULATION**

The Company's products are subject to export controls under laws of the U.S., Canada and other countries, and the Company believes that it has obtained all necessary export approvals. There can be no assurance, however, that the countries for which exports are restricted, and the regulatory policies with respect thereto, will not be revised from time to time. The inability of the Company to obtain required government approvals under these regulations could materially adversely affect the ability of the Company to sell products abroad or make products available for sale via international computer networks such as the Internet. Furthermore, U.S. governmental controls on the exportation of encryption products and technology may in the future restrict the ability of the Company to freely export some of its products with the most powerful information security encryption technology. The Company is currently authorized under exemptions contained in an interim U.S. export procedure to export products with encryption technology that is more powerful than would be permitted in the absence of such authorization or interim procedure. There can be no assurance that the interim procedure, which expires on December 31, 1998, will be extended or that, if extended, the Company will continue to meet the qualifications for exemption thereunder. Furthermore, there can be no assurance that export versions of the Company's products will be sought by foreign customers. As a result, foreign competitors subject to less stringent export controls on their products may be able to compete more effectively than the Company in the global information security market. There can be no assurance that these factors will not have a material adverse effect on the Company's business, financial condition or results of operations. See "Business--Regulatory Matters".

Due to the increasing popularity of the Internet and other computer networks, it is possible that laws and regulations may be enacted covering issues such as user privacy, pricing, content and quality of products and services. For example, the Telecommunications Act of 1996 prohibits the transmission over the Internet of certain types of information and content. The increased attention focused upon these issues as a result of the adoption of other laws or regulations may reduce the rate of growth of the Internet and other computer networks, which in turn could result in decreased demand for the Company's products or could otherwise have a material adverse effect on the Company's business, financial condition and results of operations. In addition, the imposition of governmental regulations requiring the escrow and governmental recovery of private encryption keys, as has been proposed from time to time by various law enforcement agencies within the United States government, could have a substantial chilling effect on the acceptance and use of encryption products and public networks for secure communications, which, in turn, could result in decreased demand for the Company's products or could otherwise have a material adverse effect on the acceptance and use of encryption products and public networks for secure communications, which, in turn, could result in decreased demand for the Company's products or could otherwise have a material adverse effect on the Company's business, financial condition and results of operations.

Under the current U.S. government policy, U.S. encryption export controls do not apply to encryption products which meet all of the following criteria: (i) are produced and exported from outside of the U.S.; (ii) do not contain U.S.- origin encryption technologies, unless such technologies are "publicly available"; (iii) do not contain U.S.-origin encryption source code, unless such source code is obtained in printed (i.e., "hard copy") form; (iv) are developed and produced without technical assistance from any U.S. person or entity; and (v) contain no more than a de minimis amount of U.S.-origin non- encryption software or technology. The Company believes, and has informed the U.S. government, that certain of the Company's products are exempt from U.S. encryption export restrictions under these criteria. The Company, however, has not obtained any formal U.S. government ruling that any of its products produced and shipped from outside the U.S. may be exempt from U.S. encryption export controls, and there can be no assurance that the U.S. government will refrain from asserting jurisdiction over one or more of the Company's products. Such a decision by the U.S. government to assert jurisdiction could result in penalties for past shipments and could restrict future sales of the Company's products outside the U.S. and Canada, having a potentially material adverse effect on the Company's business, financial condition and results of operations.

# COMPETITIVE MARKET FOR TECHNICAL PERSONNEL

The Company's future performance depends, in significant part, upon the continued service of its key scientific, technical, sales and management personnel. The loss of the services of one or more of the Company's key personnel could have a material adverse effect on the Company's business, financial condition and results of operations. The Company does not maintain key person life insurance policies on any of its employees. The Company's future success also depends on its continuing ability to attract and retain highly qualified scientific, technical, sales and managerial personnel. Competition for such personnel is intense, particularly in the field of cryptography, and there can be no assurance that the Company can retain its key scientific, technical, sales and managerial employees or that it can attract, motivate or retain other highly qualified scientific, technical, sales and managerial personnel in the future. If the Company cannot retain or is unable to hire such key personnel, the Company's business, financial condition and results of operations could be materially adversely affected. See "Business--Employees".

#### RISKS REGARDING SALES STRATEGY; RELIANCE ON EVOLVING DISTRIBUTION CHANNELS

To sell to its targeted markets, the Company has established, and intends to expand, a direct sales force. Unless the Company's direct sales force is able to generate significant additional revenues as it is expanded, the Company's operating results may be adversely affected while the Company incurs expenditures in hiring and training additional sales personnel. In addition, because the Company's products and target market require relatively experienced sales personnel, the Company may be unable to achieve its sales goals if it cannot identify and hire sufficient numbers of sales personnel with requisite industry experience, or train such personnel on a timely basis.

Although direct sales have to date accounted for a majority of the Company's revenues, the Company has established, and intends to expand, a dedicated partnership program including technology partners, VARs, OEMs, service providers, development partners, distributors and other technology, marketing and sales partners. The Company's relationships with many of these partners have only been established recently. The Company therefore cannot yet evaluate the degree to which its partnership programs will facilitate the broad adoption of its PKI solution or provide alternate marketing and selling channels for the Company's products. In addition, the Company may not be able to manage potential conflicts among channel partners effectively, economic conditions or industry demand may adversely affect these or other indirect channels and one or more of its partners may devote greater resources to marketing and supporting the products of other companies.

#### **RISKS ASSOCIATED WITH THE INFORMATION SECURITY MARKET**

The market for the Company's PKI solution is at an early stage of development. A decline in demand for the Company's products, whether as a result of competition, technology change, the public's perception of the need for security products, developments in the hardware and software environments in which these products operate, general economic conditions or other factors, could have a material adverse effect on the Company's business, financial condition or results of operations. Continued growth of this market will depend, in large part, upon the continued expansion of Internet usage and in the number of organizations adopting or expanding intranets and extranets, the ability of their respective infrastructures to support an increasing number of users and services, the public recognition of the potential threat posed by computer hackers and other unauthorized users and the continued development of new and improved services for implementation across private and public networks. If the network systems or complementary products and services are not developed in a timely manner and, consequently, the market for the Company's products fails to grow or grows more slowly than the Company currently anticipates, its business, operating results and financial condition would be materially and adversely affected.

A well-publicized actual or perceived breach of network or computer security at one of the Company's customers, regardless of whether such breach is attributable to the Company's products,

could adversely affect the market's perception of the Company and the Company's products, and could have an adverse effect on the Company's business, financial condition or results of operations. In addition, although the effectiveness of the Company's products is not dependent upon the secrecy of its proprietary technology or licensed technology, the public disclosure of its proprietary technology could result in a perception of breached security and reduced effectiveness of the Company's products, which could have a material adverse effect on the Company's business, financial condition or results of operations.

Any significant advance in techniques for decoding or "cracking" encrypted information could render some or all of the Company's existing products obsolete or unmarketable. The Company's PKI solution depends in part on the application of certain mathematical principles. The security afforded by the Company's encryption technology is predicated on the assumption that "factoring" of the composite of large prime numbers is difficult. If an "easy factoring" method is developed, the security afforded by the Company's encryption technology would be reduced or eliminated. There can be no assurance that such a development will not occur. Moreover, even if no breakthrough in factoring is discovered, factoring problems can theoretically be solved by computer systems having sufficient speed and power. If such improved techniques for decrypting encrypted information are developed or rendered possible by the increased availability of powerful computing resources, a material adverse effect on the Company's business, financial condition and results of operations could result.

#### **RISKS OF ERROR OR FAILURES**

Products as complex as those offered by the Company may contain undetected errors, failures or bugs when first introduced or when new versions are released; such errors and failures may be detected at any point during the product life cycle. Many companies offering software products have in the past discovered failures and bugs in certain of their product offerings and have experienced delays or lost revenues during the period required to correct these errors. The computer technology environment is characterized by a wide variety of standard and non-standard configurations that make pre-release testing for programming or compatibility errors very difficult and time- consuming, especially with the many configurations and variations of equipment and operating systems in computer networks. Furthermore, despite testing by the Company and by others, products may contain errors, failures or bugs that are discovered only after commencement of commercial shipments by the Company. Errors, failure or bugs in the Company's products could result in adverse publicity, product returns, loss of or delay in market acceptance of the Company's products or claims by the customer or others against the Company. Alleviating such problems could require the Company to make significant expenditures of capital and resources and could cause interruptions, delays or cessation of service to the Company's customers. The Company attempts to limit its liability to customers, including liability arising from a failure of the security features contained in the Company's products, through contractual limitations of warranties and remedies. However, some courts have held similar contractual limitations of liability, or the "shrink-wrap licenses" in which they sometimes are embodied, to be unenforceable. Accordingly, there can be no assurance that such limitations will be enforced. The Company does not currently carry product liability insurance. The processes and methodologies used by computer hackers to access or sabotage networks and intranets are rapidly evolving and are generally not recognized until launched against one or more systems. Therefore, the Company, in most cases, is unable to anticipate the methodologies or tactics of hackers prior to their implementation. Any compromise of the security offered by the Company's products, in a single incident or a series of incidents, could have a material adverse effect on its business, operating results and financial condition. The publicity surrounding any security breaches could adversely affect the public perception of the security offered by the Company's PKI solution, which in turn could also have a material adverse effect on its business, financial condition and results of operations.

#### INTERNATIONAL SALES RISKS

Although the Company has had limited sales outside of the U.S. and Canada, the Company expects to increase its sales in international markets. In order to expand international sales, the Company must establish additional foreign operations, hire additional personnel and establish relationships with additional partners. This expansion will require significant management attention and financial resources and could have a material adverse effect on the Company's business, financial condition and results of operations. In addition, there can be no assurance that the Company will be able to maintain or increase international market demand for the Company's products and services. Although the Company's international sales are primarily denominated in U.S. dollars, the Company has significant payroll and other obligations that are denominated in Canadian dollars, and expects to incur an increasing percentage of obligations denominated in foreign currencies. A change in the value of the U.S. dollar relative to foreign currencies could make the Company's products more expensive and, therefore, potentially less competitive in those markets and could otherwise adversely affect the Company's ability to meet its foreign-currency-denominated obligations. Currently, the Company does not employ currency hedging strategies to reduce this risk. In addition, the Company's international business may be subject to a variety of risks, including difficulties in collecting international accounts receivable or obtaining U.S. export licenses, potentially longer payment cycles, increased costs associated with maintaining international marketing efforts, the introduction of non-tariff barriers and higher duty rates and difficulties in enforcement of contractual obligations and intellectual property rights. There can be no assurance that such factors will not have a material adverse effect on the Company's future international sales and, consequently, on the Company's business, financial condition or results of operations.

# LIMITED PROTECTION OF PROPRIETARY RIGHTS AND DEPENDENCE ON LICENSED RIGHTS

The Company relies on a combination of patent, trade secret, copyright and trademark laws, non-disclosure agreements and contractual provisions to establish and protect its proprietary rights. The Company also uses a printed "shrink-wrap" license for users of its products in order to protect certain of its copyrights and trade secrets. The Company attempts to protect its trade secrets and other proprietary information through agreements with suppliers, non-disclosure and non-competition agreements with employees and consultants and other security measures.

There can be no assurance that the Company will seek patents on aspects of its technology relating to its information security products, that any such patents will be issued or that any such additional patents will be sufficiently broad to protect the Company's technology relating to its information security products. The status of computer-related patents involves complex legal and factual questions and the breadth of claims allowed is uncertain. Accordingly, there can be no assurance that patent applications filed by the Company will result in patents being issued or that its existing patents, and any patents that may be issued to it in the future, will afford protection against competitors with similar technology, nor can there be any assurance that patents that the Company would need to license or design around. If existing or future patents containing broad claims are upheld by the courts, the holders of such patents might be in a position to require the Company to obtain licenses to continue to use such technology. There can be no assurance that any such licenses that might be required for the Company's products would be available on reasonable terms, if at all.

The Company relies on outside licensors, including RSA Data Security, Inc. ("RSA"), for patent and/or software license rights in encryption technology that is incorporated into and is necessary for the operation of the Company's products. The Company's success will depend in part on its continued ability to have access to such technologies that are or may become important to the functionality of its products. See "Business--Intellectual Property" and "Certain Transactions". Any

inability to continue to procure or use such technology on terms similar to existing licenses could have a material adverse effect on the Company's business, financial condition and results of operations.

Despite the Company's efforts to protect its proprietary rights, unauthorized parties may attempt to copy aspects of the Company's products or to obtain and use information that the Company regards as proprietary. Policing unauthorized use of the Company's products is difficult, and while the Company is unable to determine the extent to which piracy of its software products exists, such piracy can be expected to be a persistent problem, particularly in international markets and as a result of the growing use of the Internet. Some courts have held that shrink-wrap licenses, because they are not signed by the licensee, are not enforceable. The Company's trade secrets or confidentiality agreements may not provide meaningful protection of the Company's proprietary information. Furthermore, there can be no assurance that others will not independently develop similar technologies or duplicate any technology developed by the Company's inability to protect its proprietary rights could have a material adverse effect on the Company's business, financial condition or results of operations. Further, the Company may be subject to additional risk as it enters into transactions in countries where intellectual property laws are not well developed or are poorly enforced. Legal protections of the Company's rights may be ineffective in such countries, and technology developed in such countries may not be protectable in jurisdictions where protection is ordinarily available.

As the number of information security products in the industry increases and the functionality of these products further overlaps, software developers and publishers may increasingly become subject to claims of infringement or misappropriation of the intellectual property or proprietary rights of others. There can be no assurance that third parties will not assert infringement or misappropriation claims against the Company in the future with respect to current or future products.

Any claims or litigation, with or without merit, to defend or enforce the Company's intellectual property could be costly and could result in a diversion of management's attention, which could have a material adverse effect on the Company's business, financial condition or results of operations. Adverse determinations in such claims or litigation could also have a material adverse effect on the Company's business, financial condition or results of operations.

# YEAR 2000 COMPLIANCE

Many currently installed computer systems and software products are coded to accept only two digit entries in the date code field. These date code fields will need to accept four digit entries to distinguish 21st century dates from 20th century dates. As a result, many companies' software and computer systems may need to be upgraded or replaced in order to comply with such "Year 2000" requirements. Although the Company believes that its products and systems are Year 2000 compliant, the Company utilizes third-party equipment and software that may not be Year 2000 compliant. Failure of such third-party equipment or software to be Year 2000 compliant could require the Company to incur unanticipated expenses to remedy any problems, which could have a material adverse effect on the Company's business, financial condition and results of operations. Furthermore, the purchasing patterns of customers or potential customers may be affected by Year 2000 issues as companies expend significant resources to correct their current systems for Year 2000 compliance. These expenditures may result in reduced funds being available to implement the infrastructure needed to conduct trusted and secure communications and commerce over public and private networks or to purchase products and services such as those offered by the Company, which could have a material adverse effect on the Company's business, financial condition and results of operations.

# **BENEFITS OF THE OFFERINGS TO CURRENT STOCKHOLDERS**

After the Offerings, it is expected that a public market will exist for the Common Stock. At an initial public offering price of \$16.00 per share, there will be a substantial increase in the market value of the Common Stock held by the Company's current stockholders over their original purchase price. Following the closing of the Offerings, such stockholders will hold an aggregate of 39,876,497 shares of Common Stock (38,711,497 shares if the Underwriters' over-allotment option is exercised in full). In addition, the Selling Stockholders are selling an aggregate of 2,366,667 shares of Common Stock in the Offerings (3,531,667 shares if the Underwriters' over-allotment option is exercised in full), resulting in aggregate proceeds to the Selling Stockholders of approximately \$35.2 million (approximately \$52.6 million if the Underwriter's over-allotment option is exercised in full). See "Dilution", "Management" and "Principal and Selling Stockholders".

# **CONCENTRATION OF OWNERSHIP; CONFLICTS OF INTEREST**

Upon completion of the Offerings, Northern Telecom Limited ("NTL") and its subsidiary, Northern Telecom Inc. ("NTI", and, together with NTL and its affiliates, "Nortel") will beneficially own approximately 55.3% of the Company's outstanding Common Stock, and three of the Company's five directors, David D. Archibald, F. William Conner and Frank A. Dunn, will be representatives of Nortel. Accordingly, Nortel will continue to have the ability to exert significant control over the Company's affairs, including without limitation control over the election of the Company's directors and control over the Company's strategic and operating activities. This concentration of ownership and Board representation may have the effect of delaying or preventing a change in control of the Company. In addition, under a strategic alliance agreement NTL and the Company entered in 1996 (the "Strategic Alliance Agreement"), NTL may restrict the Company, for so long as NTL maintains beneficial ownership of a majority of the voting power of the Company, from any act which may reasonably be anticipated to contravene any material instrument binding on NTL, any order of any governmental body which has jurisdiction over NTL or any of its assets, or any applicable law or regulation. See "Management", "Principal and Selling Stockholders" and "Certain Transactions".

Conflicts of interest may arise between the Company and Nortel in a number of areas relating to their past and ongoing relationships. Under the Strategic Alliance Agreement, the Company has granted to NTL for three years, or for as long as the Company is controlled by NTL, whichever is longer, the right to distribute Entrust products on terms no less favorable to NTL than the terms of the agreements then in effect with other resellers of the Company's products. The Company also granted to NTL a royalty-bearing license to use and modify the Company's source code in NTL products on terms no less favorable to NTL than those offered to other source code licensees. Although NTL has informed the Company that it does not currently intend to compete against the Company, there are no contractual or other restrictions on NTL's ability to engage in competitive activities.

The directors of the Company who are officers of Nortel may also have conflicts of interest with respect to matters potentially or actually affecting both companies, such as acquisitions, financings and other corporate opportunities that may be suitable for either one. To the extent that these opportunities arise, the directors must consider such factors as whether the opportunity is presented to the directors in their capacities as directors of the Company, whether the opportunity is within the Company's line of business consistent with its strategic objectives and whether the Company would be able to undertake or benefit from such opportunity. There can be no assurance that conflicts will be resolved in favor of the Company.

# **BROAD DISCRETION AS TO USE OF PROCEEDS**

The Company intends to use the net proceeds, as determined by management in its sole discretion, for working capital and general corporate purposes, including product development and

the possible acquisition of additional businesses and technologies that are complementary to the current or future business of the Company. The Company has not determined the specific allocation of the net proceeds among the various uses described above and, accordingly, investors in the Offerings will rely upon the judgment of the Company's management with respect to the use of proceeds. See "Use of Proceeds".

# NO PUBLIC MARKET; POSSIBLE VOLATILITY OF STOCK PRICE

Prior to the Offerings, there has been no public market for the Common Stock, and there can be no assurance that an active trading market will develop or be sustained after the Offerings or that the market price of the Common Stock will not decline below the initial public offering price. The initial public offering price was determined by negotiations among the Company and the Representatives of the Underwriters. See "Underwriting" for a discussion of the factors considered in determining the initial public offering price. The trading price of the Common Stock is likely to be highly volatile and may be significantly and adversely affected by factors such as actual or anticipated fluctuations in the Company or its competitors, developments with respect to patents, copyrights or propriety rights, conditions and trends in the software industry, changes in financial estimates by securities analysts, general market conditions and other factors. The public equity markets have from time to time experienced significant price and volume fluctuations that have particularly affected the market prices for the stock of technology companies as a group but have been unrelated to the performance of particular companies. These broad market fluctuations, as well as shortfalls in sales or earnings as compared with securities analysts' expectations, changes in such analysts' recommendations or projections and general economic and market conditions, may materially and adversely affect the market price of the Common Stock. See "Underwriting".

# DIVIDENDS

No cash dividends have been paid on the Common Stock to date, and the Company does not anticipate paying dividends in the foreseeable future. See "Dividend Policy".

#### DILUTION

Purchasers of shares of Common Stock in the Offerings will suffer an immediate and substantial dilution in the net tangible book value of the Common Stock from the initial public offering price. In addition, if the average closing price of the Company's Common Stock for the first 10 trading days following the Company's initial public offering (the "Market Price") is less than \$12.08, then the Company will be required to pay the former r/3/ shareholders the difference between the Market Price and \$12.08 on their 1,167,288 shares of Common Stock. The Company has the option to make this payment in cash or shares of Common Stock, and, if the Market Price is substantially less than \$12.08, the payment would further dilute new investors in the Offerings. See "Dilution" and "Management's Discussion and Analysis of Financial Condition and Results of Operations".

# SHARES ELIGIBLE FOR FUTURE SALE; REGISTRATION RIGHTS

Sales of substantial amounts of shares of Common Stock in the public market following the Offerings could adversely affect the market price of the Common Stock. All of the Company's directors, officers and stockholders, as well as all holders of options to purchase Common Stock, have agreed, pursuant to lock-up agreements with the Representatives of the Underwriters or, in the case of the option holders, pursuant to stock option agreements with the Company (collectively, the "Lock-Up Agreements"), not to offer, sell, contract to sell or otherwise dispose of their shares of Common Stock for 180 days after the date of the Prospectus. Goldman, Sachs & Co. may release all or any part of the shares subject to the Lock-Up Agreements at any time in its sole discretion and

without notice. Upon expiration of such 180-day period, in addition to the shares of Common Stock offered hereby (and assuming no exercise of outstanding options), approximately 38,709,209 additional shares of Common Stock will be available for sale in the public market in accordance with Rules 144 or 701 under the Securities Act of 1933, as amended (the "Securities Act"). Promptly following the consummation of the Offerings, the Company intends to register an aggregate of 9,987,960 shares of Common Stock issuable under its stock plans. The Company is unable to predict the effect that sales made under Rule 144, or otherwise, may have on the then prevailing market price of the Common Stock. Following the Offerings, the holders of approximately 38,697,169 shares of Common Stock are entitled to certain piggyback and demand registration rights with respect to such shares. By exercising their registration rights, such holders could cause a large number of shares to be registered and sold in the public market. Sales pursuant to Rule 144 or other exemptions from registration, or pursuant to registration rights, may have an adverse effect on the market price for the Common Stock and could impair the Company's ability to raise capital through an offering of its equity securities. See "Description of Capital Stock", "Shares Eligible for Future Sale" and "Underwriting".

# POTENTIAL ADVERSE EFFECT OF ANTI-TAKEOVER PROVISIONS; POSSIBLE ISSUANCE OF PREFERRED STOCK

The Company's Articles of Incorporation and Bylaws contain provisions, including a staggered board of directors, that may make it more difficult for a third party to acquire, or may discourage acquisition bids for, the Company. These provisions could limit the price that certain investors might be willing to pay for shares of the Common Stock and could make it more difficult for a third party to acquire, or could discourage a third party from acquiring, a majority of the outstanding voting stock of the Company. See "Description of Capital Stock". The Company's Board of Directors also has the authority to issue up to 5,000,000 shares of preferred stock, \$.01 par value per share ("Preferred Stock"), and to determine the price, rights, preferences, privileges and restrictions, including voting rights, of those shares without any further vote or action by the stockholders. The rights of the holders of Common Stock will be subject to, and may be adversely affected by, the rights of the holders of any Preferred Stock that may be issued in the future. See "Description of Capital Stock". The issuance of Preferred Stock could make it more difficult for a third party to acquire, or may discourage a third party from acquiring, a majority of the outstanding voting stock of the Company.

# **USE OF PROCEEDS**

The net proceeds to the Company from the sale of the shares of Common Stock offered by the Company pursuant to the Offerings are estimated to be \$79,452,000 after deducting the underwriting discount and estimated offering expenses. The Company will not receive any proceeds from the sale of shares of Common Stock by the Selling Stockholders hereunder. See "Principal and Selling Stockholders".

The principal purposes of the Offerings are to establish a public market for the Common Stock, to facilitate future access by the Company to public equity markets and to obtain additional working capital.

The Company intends to use the net proceeds of the Offerings for working capital and other general corporate purposes, including product development. The Company may also use a portion of the net proceeds of the Offerings to fund acquisitions of complementary businesses, products or technologies, although there are currently no commitments or agreements with respect to any such acquisitions. See "Risk Factors--Broad Discretion as to Use of Proceeds". Pending such use, the Company intends to invest the net proceeds of the Offerings in short-term, investment grade, interest-bearing securities.

#### **DIVIDEND POLICY**

The Company has never declared or paid any cash dividends on its shares of Common Stock. The Company currently intends to retain all of its earnings, if any, to finance future growth and therefore does not anticipate paying cash dividends in the foreseeable future. See "Management's Discussion and Analysis of Financial Condition and Results of Operations--Liquidity and Capital Resources".

# CAPITALIZATION

The following table sets forth the capitalization of the Company as of June 30, 1998 (i) on an actual basis, (ii) on a pro forma basis as described in Note 2 below, and (iii) as further adjusted reflecting the issuance and sale of the 5,400,000 shares of Common Stock offered hereby by the Company pursuant to the Offerings, after deducting the underwriting discount and estimated offering expenses. See "Use of Proceeds". The capitalization information set forth in the table below is qualified by reference to the Company's Consolidated Financial Statements and Notes thereto appearing elsewhere in this Prospectus.

	JUNE 30, 1998					
	ACTUA	L(1)			AS AD	FORMA DJUSTED(2)
Long town dobt (including current portion			(IN	THOUSAND	DS)	
Long-term debt (including current portion of long-term debt)	\$		\$	30		30
Redeemable Series A common stock(3)	17,					
<pre>Shareholders' equity: Preferred stock, \$.01 par value; 5,000,000 shares authorized, no shares issued or outstanding (actual); no shares issued or outstanding (pro forma and pro forma as adjusted) Common stock, \$.01 par value; no shares authorized, issued or outstanding (actual); 100,000,000 shares authorized (pro forma and pro forma as adjusted); 36,208,706 shares issued and outstanding (pro forma);</pre>						
<pre>41,608,706 shares issued and outstanding (pro forma as adjusted)(4) Series A common stock, \$.01 par value; 100,000,000 shares authorized; 20,312,040 shares issued and</pre>				362		416
outstanding (actual); no shares authorized, issued or outstanding (pro forma and pro forma as adjusted) Series B common stock, \$.01 par value; 260,000 shares authorized; 221,052 shares issued and outstanding (actual);		203				
<pre>no shares authorized, issued or outstanding (pro forma and pro forma as adjusted) Series B non-voting common stock, \$.01 par value; 260,000 shares authorized; 38,948 shares issued and outstanding (actual): no chapped authorized issued</pre>		2				
<pre>(actual); no shares authorized, issued or outstanding (pro forma and pro forma as adjusted) Special voting stock, \$.01 par value; 15,000,000 shares authorized; 7,700,000 shares issued and outstanding (actual); 6,024,020 shares destinations.</pre>						
6,034,458 shares issued and outstanding (pro forma and pro forma as adjusted)		77		60		60
Additional paid-in capital	16,	554	33	3,427	1	.12,825
Unearned deferred compensationAccumulated other comprehensive income		733)		(733)		(733)
(loss) Accumulated deficit	(22	(48) 788)	(2)	(48) 2,788)	(	(48) 22,788)
	(22) 					
Total shareholders' equity (deficit)	(6, 	733) 	10	0,280 		89,732

Total capitalization	\$10,310	\$10,310	\$ 89,762
	======		

(1) Assumes (i) the filing in July 1998 of Articles of Amendment to the Company's Articles of Incorporation increasing the authorized number of shares of Preferred Stock, Series A Common Stock and Special Voting Stock and (ii) the Company's four-for-one stock split in the form of a stock dividend, effective as of July 1998.

(2) Gives effect to (i) the conversion of all outstanding shares of the Company's Series B Common Stock and Series B Non-Voting Common Stock into an aggregate of 13,063,836 shares of Common Stock upon the closing of the Offerings, (ii) the expiration of the repurchase rights of the Redeemable Series A Common Stock upon the closing of the Offerings, (iii) the issuance of an aggregate of 1,665,542 shares of Common Stock upon the surrender of a like number of shares of the Company's Special Voting Stock and the concurrent exchange of a like number of Exchangeable Shares of Entrust Technologies Limited by NTL upon the closing of the Offerings, and

(iv) the filing upon the closing of the Offerings of the Company's Amended and Restated Articles of Incorporation eliminating the Company's Series B Common Stock and Series B Non-Voting Common Stock, redesignating the Company's Series A Common Stock as Common Stock and authorizing 100,000,000 shares of Common Stock.

(3) The holders of the Redeemable Series A Common Stock are entitled to the same rights and privileges as the Series A Common Stock, except for additional special provisions as described in Note 12 of Notes to the Company's Consolidated Financial Statements. At June 30, 1998, there were 1,167,288 shares of Redeemable Series A Common Stock issued and outstanding.

(4) Excludes (i) an aggregate of 9,587,960 shares of Common Stock reserved for issuance under the Company's Amended and Restated 1996 Stock Incentive Plan, of which 7,385,764 shares were subject to outstanding options as of June 30, 1998 at a weighted average exercise price of \$2.96 per share, and

(ii) an aggregate of 400,000 shares of Common Stock reserved for issuance under the Company's 1998 Employee Stock Purchase Plan, which Plan will not become effective until the closing of the Offerings. See "Management-- Stock Plans" and Note 8 of Notes to the Company's Consolidated Financial Statements.

# DILUTION

The pro forma net tangible book value of the Company as of June 30, 1998 was \$6.7 million, or \$0.16 per share of Common Stock. Pro forma net tangible book value per share is determined by dividing the Company's tangible net worth (tangible assets less liabilities) by the number of shares of Common Stock outstanding, after giving effect to the expiration of the repurchase rights of the Redeemable Series A Common Stock, the conversion of the Company's Series B Common Stock and Series B Non-Voting Common Stock into an aggregate of 13,063,836 shares of Common Stock upon the closing of the Offerings and assuming the issuance of 7,700,000 shares of Common Stock to NTL upon the surrender of shares of the Company's Special Voting Stock and the concurrent exchange of Exchangeable Shares of the Canadian Subsidiary. After giving effect to the sale of the shares of Common Stock offered by the Company pursuant to the Offerings and after deducting the underwriting discount and estimated offering expenses, the pro forma net tangible book value of the Company as of June 30, 1998 would have been \$86.2 million, or \$1.81 per share. This represents an immediate increase in such pro forma net tangible book value of \$1.65 per share to existing stockholders and an immediate dilution of \$14.19 per share to new investors purchasing shares in the Offerings. The following table illustrates the per share dilution:

Initial public offering price per share Pro forma net tangible book value per share prior to the	\$16.00
Offerings \$0.16	
Increase per share attributable to the Offerings 1.65	
Pro forma net tangible book value per share after the Offer-	
ings	1.81
Dilution per share to new investors	\$14.19
	======

The following table summarizes, as of June 30, 1998, the total number of shares of Common Stock purchased from the Company, the total consideration paid and the average consideration paid per share by the existing stockholders and by the new investors based (for new investors) upon the initial public offering price (before deducting the underwriting discount and estimated offering expenses):

SHARES PURCHASED TOTAL CONSIDERATION AVERAGE PRICE NUMBER PERCENT AMOUNT PERCENT PER SHARE ----- ------Existing stockholders (1) ..... 42,243,164 88.7% \$ 35,054,233 28.9% \$ 2.44 New investors (1) ..... 5,400,000 11.3 86,400,000 71.1 \$16.00 ---------. . . . . . . . . . . . Total...... 47,643,164 100.0% \$121,454,233 100.0% -----\_\_\_\_

<sup>(1)</sup> The net effect of sales by the Selling Stockholders in the Offerings will be to reduce the number of shares held by existing stockholders to 39,876,497 shares, or 83.7% of the total number of shares of Common Stock outstanding after the Offerings (or 38,711,497 shares and 81.3% if the Underwriters' over-allotment option is exercised in full), and to increase the number of shares held by new investors to 7,766,667 shares, or 16.3% of the total number of shares of Common Stock outstanding after the Offerings (or 8,931,667 shares and 18.8% if the Underwriters' over- allotment option is exercised in full).

As of June 30, 1998, there were also outstanding options to purchase an additional 7,385,764 shares of Common Stock at a weighted average exercise price of \$2.96 per share. To the extent the foregoing options are exercised, there will be further dilution to new investors in the pro forma net tangible book value of their shares. See "Capitalization", "Management--Stock Plans-- Amended and Restated 1996 Stock Incentive Plan" and Note 8 of Notes to the Company's Consolidated Financial Statements.

#### SELECTED CONSOLIDATED FINANCIAL DATA

The selected consolidated financial data set forth below for the years ended December 31, 1995, 1996 and 1997 and at December 31, 1996 and 1997 are derived from the Company's Consolidated Financial Statements, which appear elsewhere in this Prospectus, and which have been audited by Deloitte & Touche Chartered Accountants. The selected consolidated financial data set forth below for the year ended December 31, 1994 and as of December 31, 1994 and 1995 are derived from the Company's audited financial statements, which are not included in this Prospectus. The selected consolidated financial data for the six months ended June 30, 1997 and 1998 and as of June 30, 1998 are derived from unaudited financial statements of the Company which appear elsewhere in this Prospectus. Consolidated financial data is unavailable for periods prior to 1994, because the Company had no revenues and did not exist as a separate business unit. In the opinion of management, the unaudited financial statements have been prepared on a basis consistent with the Company's Consolidated Financial Statements and include all adjustments (consisting only of normal recurring adjustments) necessary for a fair presentation of the Company's results of operations for those periods. The operating results for the six months ended June 30, 1998 are not necessarily indicative of the results to be expected for the full year ending December 31, 1998. The data set forth below should be read in conjunction with "Management's Discussion and Analysis of Financial Condition and Results of Operations" and the Company's Consolidated Financial Statements and Notes thereto included elsewhere in this Prospectus.

	YEAR ENDED DECEMBER 31,				SIX M ENDED J	UNE 30,
		1995	1996	1997		1998
STATEMENT OF OPERATIONS DA- TA: Revenues:	 II)	N THOUSAN		EPT PER S	HARE DATA	)
License Services and maintenance	2,687		4,113		\$ 5,677 4,214	5,093
Total revenues	3,881	3,973	12,802		9,891	20,938
Cost of revenues: License Services and maintenance	6 1,179	34	393 3,157	502	229 2,111	812 3,098
Total cost of revenues	1,185	984	3,550		2,340	3,910
Gross profit	2,696	2,989	9,252	20,090	7,551	17,028
Operating expenses: Sales and marketing Research and development General and administra- tive Acquired in-process re- search and development	1,083 898 688 	2,287	3,858 2,874 2,464 	5,692 3,695 	3,999 2,077	11,008 5,357 2,271
Total operating ex- penses		5,413		20,580	7,555	38,844
Income (loss) from opera- tions Interest income		(2,424)		(490)	415	(21,816) 217
<pre>Income (loss) before (pro- vision) benefit for income taxes (Provision) benefit for in- come taxes</pre>			56 331	233 281	411 (15)	
Net income (loss)		\$(2,123) ======	\$ 387			\$(21,439)

Net income (loss) per basic share(1) Net income (loss) per di-		\$	0.02	\$ 0.01	\$ (0.69)
luted share(1)		\$	0.01	\$ 0.01	\$ (0.69)
Shares used in basic per share computation(1) Shares used in diluted per			30,700	30,700	30,849
share computation(1)			41,743	41,064	46,686
			BER 31,		JUNE 30,
				1997	
		(	IN THOUS	ANDS)	
BALANCE SHEET DATA: Cash, cash equivalents and short-term					
investments	\$	\$	\$	\$12,638	\$4,369
Working capital (deficit)	1,831	1,016	(1,186	) 13,707	3,138
Total assets		-		-	24,152
Shareholders' equity (deficit)	2,095	1,672	(60	) 14,662	2 (6,733)

(1) See Note 2 of Notes to the Company's Consolidated Financial Statements for the calculation of basic and diluted net income per share.

# MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

#### **OVERVIEW**

The Company develops, markets and sells products and services that allow enterprises to manage trusted, secure electronic communications and transactions over today's advanced networks, including the Internet, extranets and intranets. The Entrust solution automates the management of digital certificates, which are similar to electronic passports, through PKI technology designed to assure the privacy and authenticity of internal and external electronic communications. The Entrust PKI is an integrated, open and scalable software framework that operates across multiple platforms, network devices and applications, including e-mail, browsers, electronic commerce, electronic forms, remote access and other product offerings from leading vendors.

The Company was originally established in January 1994 as the Secure Networks group of NTL and its subsidiary, NTI, to pursue the development and sale of PKI products. During December 1996, Nortel restructured its Secure Networks group by incorporating Entrust Technologies Inc. in Maryland and Entrust Technologies Limited in Ontario, Canada. The assets and business of the Secure Networks group within NTI and NTL were then transferred to Entrust Technologies Inc. and Entrust Technologies Limited, respectively. As a result of the restructuring and concurrent private placement described below, Entrust Technologies Inc. became a majority-owned subsidiary of NTI, and Entrust Technologies Limited became a majority-owned subsidiary of Entrust Technologies Inc., with NTL possessing a minority interest in such subsidiary. The Company's revenues consist of license revenues and services and maintenance revenues. License revenues consist of fees for the license of the Company's products; services revenues consist of fees for consulting and training and maintenance revenues are fees for post-contract support ("maintenance"). The Company's revenues have increased from \$4.0 million in 1995 to \$25.0 million in 1997, and from \$9.9 million for the six months ended June 30, 1997 to \$20.9 million for the six months ended June 30, 1998. During the six months ended June 30, 1998, the Company incurred a net loss of \$21.4 million, which included \$20.2 million of in-process research and development expense. The Company expects to incur net losses through the remainder of 1998.

The Company generates revenues primarily from licensing the rights to its software products to enterprise customers and from sublicense fees from resellers. In October 1997, the American Institute of Certified Public Accountants issued a Statement of Position ("SOP") No. 97-2, "Software Revenue Recognition", which the Company adopted, effective January 1, 1998, which has had no effect on the Company's method of recognizing revenues. Prior to 1997, the Company's revenue recognition policy was in accordance with the provisions of the previous authoritative guidance provided by SOP 91-1, "Software Revenue Recognition".

Revenues from perpetual software license agreements are recognized as revenues upon receipt of an executed license agreement (or an unconditional order under an existing license agreement), and shipment of the software, if there are no significant remaining vendor obligations and collection of the receivable is probable.

Consulting and training revenues are generally recognized as the services are performed. Consulting services are typically performed under separate service agreements and are usually performed on a time and material basis. Such services primarily consist of implementation services related to the installation and deployment of the Company's products and do not include significant customization or development of the underlying software code.

Revenues from maintenance are recognized ratably over the term of the maintenance period, which is typically one year. If maintenance services are included free of charge or discounted in a license agreement, such amounts are unbundled from the license fee at their fair market value based upon the value established by independent sales of such maintenance to customers.

In any period a significant portion of the Company's revenues may be derived from large sales to a limited number of customers. In 1995, two customers accounted for 53% and 18% of revenues, respectively. In 1996, three customers accounted for an aggregate of 64% of revenues, and 29%, 20% and 15% of revenues, respectively. In 1997, three customers accounted for 19%, 12% and 11% of revenues, respectively. The customer that accounted for 29% of 1996 revenues accounted for 19% of 1997 revenues. See "Risk Factors--Dependence on Large Customers".

The Company has recorded deferred compensation of \$784,000 in 1998 as a result of stock option grants that were made with exercise prices less than the fair value of the shares of Common Stock on the applicable dates of grant. The deferred compensation will be amortized as the options vest over a four- year period.

# **RESULTS OF OPERATIONS**

The following table sets forth for the periods indicated certain consolidated statement of operations data expressed as a percentage of revenues:

	YEAR ENDED DECEMBER 31,			SIX MONTH JUNE	30,
		1996	1997	1997	1998
STATEMENT OF OPERATIONS DA- TA:					
Revenues: License Services and mainte-	46.4%	67.9%	65.9%	57.4%	75.7%
nance	53.6	32.1	34.1		24.3
Total revenues	100.0	100.0	100.0		100.0
Cost of revenues: License Services and mainte-				2.3	
nance	23.9	24.7		21.3	14.8
Total cost of reve- nues	24.8	27.7	19.7		18.7
Gross profit	75.2	72.3	80.3		81.3
Operating expenses: Sales and marketing Research and develop-		30.1			52.6
ment General and administra-	57.6	22.4	22.7	21.0	25.6
tive Acquired in-process re- search and	30.5	19.3	14.7	15.0	10.8
development					96.5
Total operating ex- penses			82.2	76.4	185.5
Income (loss) from opera- tions Interest income				 4.2	(104.2)
Income (loss) before (pro- vision) benefit for income					
<pre>taxes (Provision) benefit for in- come taxes</pre>	(61.1) 7.6	0.5 2.5		4.2 (0.2)	(103.2) 0.8
Net income (loss)		3.0%	2.1%	4.0%	(102.4)%

# SIX MONTHS ENDED JUNE 30, 1997 AND 1998

# REVENUES

Total revenues increased 112% from \$9.9 million for the six months ended June 30, 1997 to \$20.9 million for the six months ended June 30, 1998. Revenues derived from sales outside North

America, primarily Europe and Japan, accounted for 3% and 30% of total revenues for the six months ended June 30, 1997 and 1998, respectively. The Company plans to expand its international operations by hiring additional personnel, recruiting international resellers and establishing additional operations abroad, and, accordingly, the Company anticipates that international revenues will increase in absolute dollars and as a percentage of total revenues during 1998. Delays or difficulties in the integration of the operations of Entrust and r/3/ could adversely affect the Company's ability to generate such international revenues.

LICENSE REVENUES. License revenues increased 179% from \$5.7 million for the six months ended June 30, 1997 to \$15.8 million for the six months ended June 30, 1998, representing 57% and 76% of total revenues in the respective periods. The increase in license revenues in absolute dollars was primarily attributable to increased market awareness and acceptance of the Company's products, continued enhancement and development of the Company's product offerings and increased sales and marketing activities. The increase in license revenues as a percentage of total revenues reflected the Company's continued focus on the product side of its business and the increased use of third-party consulting firms and systems integrators to provide implementation services to its customers.

SERVICES AND MAINTENANCE REVENUES. Services and maintenance revenues increased 21% from \$4.2 million for the six months ended June 30, 1997 to \$5.1 million for the six months ended June 30, 1998, representing 43% and 24% of total revenues in the respective periods. The increase in services and maintenance revenues was primarily the result of an increase in demand for consulting services and customer support and, to a lesser extent, training services associated with increased sales of the Company's applications. The higher percentage of services and maintenance revenues as a percentage of total revenues for the six months ended June 30, 1997 was related to higher levels of revenues associated with a significant custom development software agreement with the Canadian government and two system integration arrangements in which the Company provided turnkey solutions that included system hardware components in addition to software installation and implementation services. Services and maintenance revenues for the six months ended a lesser amount of revenues related to the custom development agreement with the Canadian government and provided to the custom development and include a lesser amount of revenues related to the custom development agreement with the Canadian government then was recorded for the same period in 1997.

# **COST OF REVENUES**

COST OF LICENSE REVENUES. Cost of license revenues consists primarily of costs associated with product media, documentation, packaging and royalties to third-party software vendors. Cost of license revenues increased from \$229,000 for the six months ended June 30, 1997 to \$812,000 for the six months ended June 30, 1998, representing 4% and 5% of license revenues for the respective periods.

COST OF SERVICES AND MAINTENANCE REVENUES. Cost of services and maintenance revenues consists primarily of personnel costs associated with customer support, training and consulting services, as well as costs paid to third- party consulting firms for those services. Cost of services and maintenance revenues increased from \$2.1 million for the six months ended June 30, 1997 to \$3.1 million for the six months ended June 30, 1998, representing 21% and 15% of total revenues for the respective periods. The increase in absolute dollars reflected the increased costs associated with the higher levels of services and maintenance revenues as a percentage of total revenues for the six months ended June 30, 1998. The higher percentage of cost of services and maintenance revenues as a percentage of total revenues for the six months ended June 30, 1998. The higher percentage of cost of the system hardware components related to the system integration arrangements described above. The Company does not anticipate any arrangements in the future that would include such hardware components as part of the solution provided to its customers.

#### **OPERATING EXPENSES**

SALES AND MARKETING. Sales and marketing expenses consist primarily of personnel costs associated with the selling and marketing of the Company's products, including salaries, commissions and travel and entertainment. Such expenses also include the cost of advertising, trade shows and marketing and promotional materials. Sales and marketing expenses increased from \$4.0 million for the six months ended June 30, 1997 to \$11.0 million for the six months ended June 30, 1998, representing 40% and 53% of total revenues in the respective periods. The increase in sales and marketing expenses in absolute dollars and as a percentage of revenues reflected the Company's continued focus on increasing direct sales and marketing expension and vertical markets. In addition, the Company increased the number of employees in sales, marketing and business development from 49 at June 30, 1997 to 133 at June 30, 1998. The Company also launched a new seminar series and participated in a major trade show during the six months ended June 30, 1998. The Company is in the process of significantly expanding its direct sales force in North America and Europe and anticipates that sales and marketing expenses will increase in absolute dollars. If the Company does not achieve commensurate increases in revenues during future periods, sales and marketing expenses would increase as a percentage of revenues, and the Company's results from operations and liquidity could be adversely affected.

RESEARCH AND DEVELOPMENT. Research and development expenses include software development costs and consist primarily of personnel costs associated with the Company's engineers, cryptographers and contractors. Research and development expenses increased from \$2.1 million for the six months ended June 30, 1997 to \$5.4 million for the six months ended June 30, 1998, representing 21% and 26% of total revenues for the respective periods. The increase in research and development expenses in absolute dollars and as a percentage of total revenues was primarily the result of increased staffing and the associated support cost of software engineers, cryptographers and contractors in connection with the expansion and enhancement of the Company's product line and for quality assurance and testing. The Company believes that it must continue to invest in research and development in order to maintain its technological leadership position and, accordingly, expects research and development expenses to continue to increase in absolute dollars as it hires additional experienced security experts and software engineers. If the Company does not achieve commensurate increases in revenues during future periods, research and development expenses would increase as a percentage of revenues, and the Company's results from operations and liquidity could be adversely affected.

In accordance with Statement of Financial Accounting Standards No. 86, Accounting for the Costs of Computer Software to Be Sold, Leased or Otherwise Marketed, the Company has evaluated the establishment of technological feasibility of its various products during the development phase. The time period during which costs could be capitalized from the point of reaching technological feasibility, which has been defined as development of a beta model, until the time of general product release is very short, and, consequently, the amounts that could be capitalized are not material to the Company's financial position or results of operations. Therefore, the Company charges all product development expenses to operations in the period incurred.

GENERAL AND ADMINISTRATIVE. General and administrative expenses consist primarily of personnel costs related to management, accounting and human resources, and the associated overhead costs. General and administrative expenses increased from \$1.5 million for the six months ended June 30, 1997 to \$2.3 million for the six months ended June 30, 1998, representing 15% and 11% of total revenues in the respective periods. This increase in absolute dollars was primarily due to increased staffing and related expenditures required to enhance the infrastructure to support the Company's growth.

ACQUIRED IN-PROCESS RESEARCH AND DEVELOPMENT. On June 8, 1998, the Company completed the acquisition of r/3/, a company based in Zurich, Switzerland that provides consulting, applied

research and product development services related to commercial security and encryption solutions. Pursuant to the Share Purchase Agreements dated May 30, 1998, entered into between the Company and the shareholders of r/3/, the Company agreed to acquire all the outstanding shares of r/3/ in exchange for an aggregate of 1,167,288 shares of the Company's Common Stock and cash consideration of approximately \$4.4 million. In the event the Common Stock is not listed on a national securities market or exchange within one year after the closing of the acquisition, the r/3/ shareholders have the right to require the Company to repurchase the Common Stock at \$14.58 per share. Additionally, if the average closing price of the Company's Common Stock for the first 10 trading days following the Company's initial public offering (the "Market Price") is less than \$12.08, then the Company will be required to pay the difference between the Market Price and \$12.08 to the r/3/shareholders in cash or in additional stock. This acquisition was recorded under the purchase method of accounting, and, therefore, the results of operations of r/3/ and the fair value of the acquired assets and liabilities are included in the Company's financial statements beginning on the acquisition date. Upon consummation of the acquisition, r/3/ became a wholly owned subsidiary of the Company.

In connection with the acquisition, the Company obtained an appraisal of the intangible assets, which resulted in \$20.2 million of the purchase price being allocated to in-process research and development that has not yet reached technological feasibility and has no alternative future use, which was expensed in the six months ended June 30, 1998.

The value assigned to purchased in-process technology was determined by identifying research and development projects in areas for which technological feasibility has not yet been established. This relates primarily to the completion of a suite of encryption and security applications (the "r3 Suite"). The value was determined by estimating the costs to develop the purchased in-process technology into commercially viable products, estimating the resulting net cash flows from such projects and discounting the net cash flows back to their present value.

The nature of the efforts to develop the purchased in-process technology into commercially viable products relate to the completion of all planning, designing, prototyping, security testing and verification activities that are necessary to ensure that the r3 Suite is produced to meet design specifications, including functions, features and technical performance requirements. The efforts to develop the purchased in-process technology also include verifying the technology's compatibility and interoperability with other applications. The estimated cost for completion of this activity is approximately \$2.3 million in 1998, \$3.2 million in 1999, \$3.7 million in 2000 and \$2.9 million in 2001. However, these estimates are subject to change, given the uncertainties of the development process, and no assurance can be given that deviations from these estimates will not occur.

The revenue forecasts used to value the in-process research and development are based on the Company's estimates of market size and growth, expected trends in technology (such as new encryption and security algorithms) and the nature and expected timing of new product introductions by the Company and its competitors. Historically, r/3/ has generated revenues from consulting engagements and future revenue growth is almost entirely dependent upon the in-process projects. The estimated revenues for the in-process projects peak in 2002 and then decline rapidly as other new products are expected to enter the market. If these projects are not successfully developed, the sales and profitability of the combined company may be adversely affected in future periods.

The estimated cost of sales as a percentage of revenues used in the valuation decrease over time primarily due to the strategic shift from consulting revenues to product revenues and r/3/s expected ability to achieve efficiencies due to economies of scale. As a result of the shift in strategy, the estimated cost of sales as a percentage of revenues is expected to decrease from 80% in 1998 to 20% by 2002, once the Company has successfully introduced the in-process products.

The estimated selling, general and administrative expenses are expected to increase as r/3/'s business model shifts from consulting to product-based revenues. Selling, general and administrative

expenses are expected to significantly increase between 1998 and 2000 as the Company must create the necessary sales infrastructure to successfully accomplish its strategic shift.

r/3/'s margins for earnings before interest and taxes ("EBIT") are projected to increase as the Company introduces its inprocess products and as revenues increase. EBIT margins will be negative in 1998, due primarily to significant investment in the research and developmental projects. As revenues grow, the Company is expected to achieve efficiencies due to economies of scale, and EBIT margins are projected to increase.

The rates utilized to discount the net cash flows back to their present value are based on several studies of venture capital rates of return. Because of the nature of the forecast and the risks associated with the developmental projects, a discount rate of 40% was appropriate for the business enterprise and the in-process projects. This discount rate is commensurate with r/3/'s stage of development; the uncertainties in the economic estimates described above; the inherent uncertainty surrounding the successful development of the purchased in-process technology; the useful life of such technology; the profitability levels of such technology and the uncertainty of technological advances that are unknown at this time.

The combined company is expected to benefit from the favorable reputations of Entrust in the North American encryption and securities market and r/3/'s favorable reputation in the European market. Additionally, the combined company is expected to benefit from the utilization and integration of Entrust's technology, marketing and financial resources.

The forecasts used by the Company in valuing in-process research and development were based upon assumptions the Company believes to be reasonable but which are inherently uncertain and unpredictable. The Company's assumptions may be incomplete or inaccurate, and unanticipated events and circumstances are likely to occur. For these reasons, actual results may vary from the results forecasted.

# INTEREST INCOME

Interest income of \$415,000 and \$217,000 for the six months ended June 30, 1997 and 1998, respectively, reflected investment income earned on the proceeds from the Company's private placement of Series B Common Stock in January 1997. The decrease in investment income for the six months ended June 30, 1998 as compared to the same period in 1997 reflected a reduction of interest earned during the period as a result of lower amounts of cash, cash equivalents and short-term investments in 1998 compared to 1997.

#### **PROVISION FOR INCOME TAXES**

The Company recorded a provision for income taxes of \$15,000 for the six months ended June 30, 1997 and a benefit of \$160,000 for the six months ended June 30, 1998. Income taxes are accounted for in accordance with Statement of Financial Accounting Standards No. 109. The effective income tax rate differed from the statutory income tax rate in both periods primarily due to the impact of the Canadian research and development tax credits claimed.

# YEARS ENDED DECEMBER 31, 1995, 1996 AND 1997

#### REVENUES

Total revenues increased 222% from \$4.0 million in 1995 to \$12.8 million in 1996 and increased 95% from \$12.8 million in 1996 to \$25.0 million in 1997. Revenues derived from sales outside North America, primarily Europe, accounted for less than 1% of total revenues in 1995 and 4% and 5% of total revenues in 1996 and 1997, respectively.

LICENSE REVENUES. License revenues increased from \$1.8 million in 1995 to \$8.7 million in 1996 and \$16.5 million in 1997, representing 46%, 68% and 66% of total revenues in the respective periods. The increase in license revenues in absolute dollars was primarily attributable to increased market awareness and acceptance of the Company's products, continued enhancement and development of the Company's product offerings and increased sales and marketing activities.

SERVICES AND MAINTENANCE REVENUES. Services and maintenance revenues increased from \$2.1 million in 1995 to \$4.1 million in 1996 and \$8.5 million in 1997, representing 54%, 32% and 34% of total revenues in the respective periods. The increase in services and maintenance revenues in absolute dollars was primarily the result of an increase in demand for consulting and systems implementation services from customers purchasing the Company's products for enterprise-wide implementations, and an increase in maintenance revenues from a larger installed product base. Services and maintenance revenues in 1996 and 1997 included revenues from a significant custom development software agreement with the Canadian government, which is being recognized on the percentage-of-completion basis through 1999. The Company did not enter into any significant custom development software arrangements during 1997 and does not expect such arrangements to be significant to services and maintenance revenues in the future. As the Company continues to implement its strategy of encouraging third-party organizations such as systems integrators to become proficient in implementing the Company's products, consulting revenues as a percentage of services and maintenance revenues may decrease.

#### **COST OF REVENUES**

COST OF LICENSE REVENUES. Cost of license revenues increased from \$34,000 in 1995 to \$393,000 in 1996 and \$502,000 in 1997, representing 2%, 5% and 3% of license revenues in the respective periods.

COST OF SERVICE AND MAINTENANCE REVENUES. Cost of services and maintenance revenues increased from \$950,000 in 1995 to \$3.2 million in 1996 and \$4.4 million in 1997, representing 45%, 77% and 52% of services and maintenance revenues in the respective periods. The increase in cost of services and maintenance revenues as a percentage of services and maintenance revenues in 1996 resulted primarily from several system integration arrangements in which the Company provided customers with turnkey solutions that included system hardware components in addition to software installation and implementation services. The Company does not anticipate any arrangements in the future that would include such hardware components as part of the solution provided to its customers.

#### **OPERATING EXPENSES**

SALES AND MARKETING. Sales and marketing expenses increased from \$1.9 million in 1995 to \$3.9 million in 1996 and \$11.2 million in 1997, representing 48%, 30% and 45% of total revenues in the respective periods. The increase in absolute dollars was primarily related to the expansion of the Company's sales and marketing resources, increased commission expenses as a result of higher sales levels and increased marketing activities, including trade show, direct mail and other promotional expenses.

RESEARCH AND DEVELOPMENT. Research and development expenses increased from \$2.3 million in 1995 to \$2.9 million in 1996 and \$5.7 million in 1997. As a percentage of total revenues, research and development expenses were 58%, 22% and 23%, in 1995, 1996 and 1997, respectively. The increase in research and development expenses in absolute dollars was primarily the result of increased staffing and associated support costs of software engineers, cryptographers and contractors in connection with the expansion and enhancement of the Company's product line and for quality assurance and testing.

GENERAL AND ADMINISTRATIVE. General and administrative expenses increased from \$1.2 million in fiscal 1995 to \$2.5 million in 1996 and \$3.7 million in 1997, representing 31%, 19% and 15% of total revenues in the respective periods. The increase in general and administrative expense in absolute dollars was primarily due to increased staffing and related expenditures required to enhance the infrastructure to support the Company's growth.

# **INTEREST INCOME**

Interest income of \$723,000 in 1997 reflected investment income earned on the proceeds from the Company's private placement of Series B Common Stock in January 1997.

#### **PROVISION FOR INCOME TAXES**

The Company recorded income tax benefits of \$301,000 in 1995 and \$331,000 in 1996 and recorded a provision for income taxes of \$281,000 for 1997. Income taxes are accounted for in accordance with Statement of Financial Accounting Standards No. 109. The effective income tax rates differed from the statutory income tax rates primarily due to the impact of the Canadian research and development tax credits claimed.

# SELECTED QUARTERLY OPERATING RESULTS

The Company's quarterly operating results have varied substantially in the past and are likely to vary substantially from quarter to quarter in the future due to a variety of factors. Estimating future revenues is difficult because the Company ships its products soon after an order is received and as such does not have a significant backlog. Thus, quarterly license revenues are heavily dependent upon orders received and shipped within the same quarter. Moreover, the Company has generally recorded 70% to 80% of its total quarterly revenues in the third month of the quarter, with a concentration of revenues in the second half of that month. This concentration of revenues is, in part, attributable to the tendency of certain customers to make significant capital expenditures at the end of a fiscal quarter and to sales patterns within the software industry. The Company expects these revenue patterns to continue for the foreseeable future. In addition, quarterly license revenues are dependent on the fulfillment of acceptance criteria. In this regard, the Company has from time to time experienced delays in recognizing revenues with respect to certain orders. Despite the uncertainties in its revenue patterns, the Company's operating expenses are based upon anticipated revenue levels and such expenses are incurred on an approximately ratable basis throughout the quarter. As a result, if expected revenues are deferred or otherwise not realized in a quarter for any reason, the Company's business, operating results and financial condition would be materially adversely affected.

The following tables set forth the Company's statement of operations data for each of the six quarters in the period ended June 30, 1998, as well as the percentage of the Company's total revenues represented by each item. This unaudited quarterly information has been prepared on the same basis as the annual information presented elsewhere in this Prospectus and, in management's opinion, reflects all adjustments (consisting only of normal recurring adjustments) necessary for a fair presentation of the information for the quarters presented. This information should be read in conjunction with the Company's Consolidated Financial Statements and Notes thereto appearing elsewhere in this Prospectus. The operating results for any quarter are not necessarily indicative of results for any future period.

	THREE MONTHS ENDED							
	1997	1997	SEPT. 30, 1997	1997	1998	1998		
STATEMENT OF OPERATIONS DATA:		(IN THOUS	ANDS, EXCEF	PT PER SHA	RE DATA)			
Revenues: License Services and mainte-	\$2,632	\$3,045	\$4,949	\$5,860	\$7,681	\$ 8,164		
nance		-	2,137		-	2,850		
Total revenues	4,103	5,788	7,086	8,029		11,014		
Cost of revenues: License Services and mainte-	104	125	131	142	342	470		
nance	628	1,483	1,174	1,129	1,478	-		
Total cost of reve- nues		1,608	-	1,271	1,820	-		
Gross profit	3,371	4,180	 5,781		 8,104			
Operating expenses: Sales and marketing	1,698	2,301	3,528	3,666	4,936	6,072		
Research and develop- ment	952	1,125	1,700	1,915	2,285	3,072		
General and administra- tive Acquired in-process re-	686	793	1,026	1,190	1,064	1,207		
search and development						20,208		
Total operating ex- penses	3,336	-	6,254		8,285	•		
Income (loss) from oper- ations Interest income	35 209	(39) 206	(473) 164	(13) 144				
<pre>Income (loss) before  (provision) benefit for </pre>	244	167	(200)	121	(25)			
<pre>income taxes (Provision) benefit for income taxes</pre>	244 (20)	167 5	(309) 226	131 70	(35)	(21,564)		
Net income (loss)	\$   224	\$ 172	\$ (83)	\$   201	\$ 125 ======	\$(21,564)		
Net income (loss) per share	=====			=====				
Basic	\$ 0.01 =====	\$ 0.01 ======	\$ =====	\$ 0.01 =====	\$ =====	\$ (0.70) ======		
Diluted	\$ 0.01 ======	\$ =====	\$ =====	\$ ======	\$ =====	\$ (0.70)		
Shares used in per share computation Basic	30,700			30,700	30,700			
	======	======	======	======	======	=======		
Diluted	41,064 =====	41,064 =====	41,869 ===== THREE MON1	41,908 ===== THS ENDED	45,231 =====	46,919 ======		
	MAR. 31, 1997	JUNE 30, 1997	SEPT. 30, 1997		MAR. 31, 1998	JUNE 30, 1998		

STATEMENT OF OPERATIONS DATA: Revenues: License Services and mainte- nance	64.1% 35.9	52.6% 47.4	69.8% 30.2	73.0% 27.0	77.4%	74.1% 25.9
Total revenues	100.0		100.0	100.0		100.0
Cost of revenues: License Services and mainte-	2.5	2.2	1.8	1.8	3.4	4.3
nance	15.3	25.6	16.6	14.0	14.9	14.7
Total cost of reve- nues	17.8	27.8	18.4	15.8	18.3	19.0
Gross profit	82.2	72.2	81.6	84.2	81.7	81.0
Operating expenses: Sales and marketing Research and develop-	41.4	39.8	49.8	45.7	49.8	55.1
ment General and administra-	23.2	19.4	24.0	23.9	23.0	27.9
tive Acquired in-process re- search	16.7	13.7	14.5	14.8	10.7	11.0
and development						183.5
Total operating ex- penses	81.3	72.9	88.3	84.4	83.5	277.5
Income (loss) from oper- ations Interest income	0.9 5.1		(6.7) 2.3		(1.8) 1.5	*
<pre>Income (loss) before  (provision) benefit for  income taxes (Provision) benefit for</pre>	6.0	2.9	(4.4)	1.6	(0.3)	*
income taxes	(0.5)	0.1	3.2	0.9	1.6	*
Net income (loss)	5.5% =====	3.0%	(1.2)% =====	2.5%	1.3% =====	*

\*Not meaningful

License revenues have increased in each of the six quarters in the period ended June 30, 1998. As a result of the increased acceptance of the Company's product offerings and expansion of the Company's sales and marketing efforts during the past six quarters, license revenues as a percentage of total revenues increased from 70% for the quarter ended September 30, 1997 to 73% and 74% for the quarters ended December 31, 1997 and June 30, 1998, respectively. Cost of license revenues varies from period to period primarily due to the amount of royalties payable by the Company to third-party software suppliers. Services and maintenance revenues have decreased as a percentage of total revenues since the quarter ended March 31, 1997, except for the higher percentage in the quarters ended June 30, 1997 and 1998. Services and maintenance revenues for the quarter ended June 30, 1997 included revenues from the hardware components of two system integration projects, which contributed to the increase in services and maintenance revenues in absolute dollars and as a percentage of total revenues compared to the other three- month periods. Services and maintenance revenues for the six months ended June 30, 1998 increased as a percentage of total revenues from 23% in the first three months of 1998 to 26% in the second three months of 1998. This increase reflected an increase in maintenance renewals from the Company's increasing customer base. Cost of services and maintenance revenues has been comparable for all periods other than the quarter ended June 30, 1997, which included the higher costs of the hardware components previously discussed. The increase in operating expenses in absolute dollars from \$7.6 million for the six months ended June 30, 1997 to \$38.8 million for the six months ended June 30, 1998 reflected the Company's expenses of \$20.2 million for in-process research and development and investment in growing the organization. The number of employees has increased each quarter for the last six quarters and such increases are expected to continue for the foreseeable future.

The Company intends to continue to increase its research and development expenditures in order to pursue its strategy of maintaining technological leadership in the PKI market. The Company also intends to increase sales and marketing expenditures significantly as it expands its domestic and international sales and marketing staff and develops indirect sales and distribution channels. In addition, general and administrative expenses have increased each quarter since the quarter ended March 31, 1997 as the Company invested in the infrastructure needed to support its growing operations. Accordingly, to the extent that continued increases in such expenses are not accompanied by increased revenues, the Company's operating results and financial condition may be materially adversely affected.

# LIQUIDITY AND CAPITAL RESOURCES

The Company operated as a division of Nortel from its inception in 1994 until December 1996, when it was separately incorporated as part of the financing described below. See Note 1 of Notes to the Company's Consolidated Financial Statements. As such, all of the Company's investing and financing activities were handled through Nortel's centrally managed treasury function. Therefore, the Company did not maintain separate cash balances until December 31, 1996. At the close of business on December 31, 1996, Nortel transferred to the Company certain assets, liabilities, intellectual property rights, licenses and contracts of the Secure Networks group of Nortel. In exchange, Nortel received 20,300,000 shares of the Company's Common Stock and 7,700,000 shares of the Company's Special Voting Stock. See "Certain Transactions". In January 1997, the Company issued an aggregate of 260,000 shares of its Series B Common Stock and Series B Non-Voting Common Stock in a private placement for an aggregate consideration of \$24.0 million, net of the costs and expenses of the private placement. The Company used approximately \$8.0 million of the net proceeds of the private placement to repay certain intercompany debt.

The Company used cash of \$1.2 million and \$2.1 million for operating activities in 1995 and 1997 and generated cash of \$2.8 million from operating activities in 1996. The use of cash in 1995 was primarily a result of the net loss for the period of \$2.1 million, offset in part by a decrease in accounts receivable and an increase in accounts payable. In 1997, the \$2.1 million use of cash for operating activities was due primarily to increases in accounts receivable of \$4.7 million and other receivables

of \$2.1 million, which were offset in part by the net income, and increases in current liabilities for the same period. The increase in accounts receivable resulted from the growth in revenues during the same period and the timing of revenue recognition during the quarters within the period. The cash generated from operating activities in 1996 resulted primarily from the generation of net income for the year of \$387,000 and increases in deferred revenues and accrued liabilities. The Company generated cash of \$2.1 million from operating activities for the six months ended June 30, 1997 and used cash of \$1.5 million for operating activities for the same period in 1998. The cash generated for the six months ended June 30, 1997 resulted from increases in amounts due to Nortel for expenses incurred by Nortel on behalf of the Company and increases in accrued liabilities. The increase in cash used for operating activities for the six months ended June 30, 1998 was related primarily to an increase in accounts receivable of \$2.8 million and in the net loss of \$1.2 million, before the non-cash charge for acquired in-process research and development, which were offset in part by an increase in accounts payable of \$1.7 million. The average days sales outstanding increased from 59 days at December 31, 1996 to 80 and 87 days at December 31, 1997 and June 30, 1998, respectively. For purpose of calculating average days sales outstanding, the Company divides ending accounts receivable by the current quarter's revenues and multiplies this amount by 90 days. The increase in days sales outstanding was primarily attributable to an increase in the number of license transactions closing at quarter end. The level of accounts receivable at each quarter end will be affected by the concentration of revenues in the final weeks of each quarter and may be negatively affected by the expanded international revenues in relation to total revenues as licenses to international customers often have longer payment terms.

The Company's uses of cash for investing activities were for the purchase of fixed assets and totaled \$536,000, \$693,000, \$895,000 and \$995,000 for the years ended December 31, 1995, 1996 and 1997 and for the six months ended June 30, 1998, respectively. In 1997, the Company invested \$8.6 million in short- term investments, net of \$3.7 million of dispositions of short-term investments. Cash provided from investing activities for the six months ended June 30, 1998 included \$11.9 million from dispositions of short-term investments, net of purchases of \$5.1 million of short-term investments and \$4.4 million of cash related to the acquisition of r/3/.

During 1995, 1996 and 1997, the Company's financing activities were primarily transfers of cash to and from Nortel, except for the net proceeds of \$16.0 million from the sale of Series B Common Stock in 1997.

As of June 30, 1998, the Company's principal sources of liquidity were its cash and cash investments of \$4.4 million. The Company believes that the net proceeds from the sale of Common Stock offered by the Company together with cash from operations and existing cash and cash equivalent balances will be sufficient to meet its cash needs for at least the next 12 months.

#### BUSINESS

Entrust develops, markets and sells products and services that allow enterprises to manage trusted, secure electronic communications and transactions over today's advanced networks, including the Internet, extranets and intranets. The Entrust solution automates the management of digital certificates, which are similar to electronic passports, through PKI technology designed to assure the privacy and authenticity of internal and external electronic communications. The Entrust PKI is an integrated, open and scalable software framework that operates across multiple platforms, network devices and applications, including e-mail, browsers, electronic commerce, electronic forms, remote access and other product offerings from leading vendors. The Company's product suite was first released in 1994, and has since been licensed for use in global enterprises and government entities such as the Canadian government, Citibank, the FDIC, J.P. Morgan, NASA, the Republic of Singapore and the United Kingdom Post. In addition, over three million Entrust certificates have been issued to date for use by the Company's customers.

### INDUSTRY BACKGROUND

The widespread adoption in recent years of public and private networks has revolutionized the manner in which organizations communicate and conduct business. These advanced networks provide an attractive medium for communications and commerce because of their global reach, accessibility, use of open standards and ability to permit interactions on a real-time basis. Proliferation of these networks has facilitated the storage, analysis and communication of critical information within and between organizations. At the same time, they have afforded businesses a user-friendly, low-cost way to conduct a wide variety of commercial functions electronically. Today, organizations are increasingly utilizing these networks to access new markets, improve customer service and streamline business processes through applications such as e-mail, messaging, remote access, intranet-based applications, on-line customer support and supply chain applications.

#### NEED FOR SECURE TRANSACTIONS

The very openness and accessibility that have stimulated the adoption and growth of public and private networks create threats to the privacy and integrity of information that is transmitted across or stored on them. According to a survey taken at a 1997 industry conference, 70% of respondents cited security concerns as the principal impediments to a broader use of the Internet for commercial applications. Key consumer security concerns include merchant impersonation, fraud and the risk that third parties may intercept and use personal information such as credit card numbers, all of which may inhibit the broader adoption of electronic commerce. Businesses relying on public and private networks for internal communications risk the theft, loss, alteration or dissemination of confidential data, loss of reputation and economic loss through fraud. Threats to corporate data security arise both from external sources such as competitors and computer hackers, as well as internal sources, such as curious or disgruntled employees and contractors. According to a recent FBI report, among U.S. enterprises reporting that they had experienced computer security breaches, the average financial losses from internal breaches were significantly higher than the losses sustained from external breaches. These business risks have driven the demand for effective and robust network and information security products.

The security risks associated with communications and commerce over public and private networks have accentuated the need for information security solutions that address the five critical network security needs:

- . ACCESS CONTROL--Only authorized users should access, view or modify certain data
- . CONFIDENTIALITY--Data in transit over the network or in storage should not be disclosed to unauthorized persons
- . INTEGRITY--Data should not be altered or compromised by unauthorized manipulation
- . AUTHENTICATION -- The identity of the data sender should be verified
- . NON-REPUDIATION--The sender of a transmission should not be able to deny or repudiate the transmission

A wide range of products and services has been introduced to address one or more of these five critical network security needs. For example, access control is provided by products such as firewalls and password tokens, which limit network access only to users having recognized addresses or entering recognized passwords, but are limited in their flexibility and do not address such requirements as confidentiality, integrity, authentication and non- repudiation. Encryption devices and programs provide confidentiality, but are device-dependent and do not address issues of access control, integrity, authentication and non-repudiation. The lack of flexibility and scalability inherent in these solutions has led to the development of public key encryption and digital certification systems combined in a public key infrastructure, which can address all five critical network security needs.

### PUBLIC KEY SECURITY

A public key infrastructure uses encryption algorithms in combination with authentication and verification technology offered by digital certificates to provide the user with a secure and reliable means of communicating and effecting transactions over public and private networks.

PUBLIC KEY ENCRYPTION. Digital messages are encrypted and decrypted using a cipher or key. Public key encryption systems assign each user a pair of linked keys: a "public" key, which the user provides to others, and a "private" key, which the user keeps secret. A user wishing to send a secure transmission encrypts the transmission using the recipient's public key. To decode the transmission, the recipient uses a private key that is uniquely able to decode messages encoded with his or her corresponding public key. Thus, the successful exchange of encrypted messages using a public key system requires that message senders have the public keys for all recipients to whom they desire to send messages, and that the recipients decode messages with their own private keys. Public key encryption provides a high level of data security, and thus addresses an enterprise's need for confidentiality of electronic transmissions. However, because encryption alone does not give the recipient of a message any information about the sender or ensure that a message is not altered en route, the requirements for access control, integrity, authentication and non-repudiation are not satisfied.

DIGITAL CERTIFICATION. The ability to ensure access control, authentication and non-repudiation of digital transmissions can be achieved with digital certification systems, which enable a recipient to verify that a message originates from the expected sender. These systems use public and private keys to create a special file called a digital signature. This signature is encoded using the sender's private key. Upon receipt of the message, the recipient obtains a copy of the sender's public key from a directory established by a trusted administrator (a "Certification Authority" or "CA"), which verifies that the message originated from the expected sender. Digital certificates thus function as electronic passports that not only authenticate their owners' identities and verify their owners' membership in certain organizations, but also establish their owners' authority to engage in a given transaction. Digital signature and certification technology can also be used to ensure the integrity of a message by enclosing an encrypted summary or "hash" of the message with the sender's digital

signature. When the signature and hash are decrypted using the sender's public key supplied by the CA, the system can automatically detect whether the message was altered since it was signed.

MARKET ACCEPTANCE OF DIGITAL CERTIFICATION. Because of its security benefits, digital certification has gained significant market acceptance, particularly in sectors in which information security is critical, such as government, finance, health care and telecommunications. Industry sources believe that by 2000 digital certificates will be nearly as widely adopted by the general public as e-mail is today. At least 40 U.S. states, as well as the U.S. and Canadian governments and the European Union, have adopted or are considering digital signature statutes that recognize the legal validity of digitally signed documents. In addition, the banking industry's Secure Electronic Transaction (SET) standard for Internet credit card purchases, as well as the Internet secure packet transmission standard (IPsec) adopted by most firewall, routing and access vendors, depend on digital certification.

# NEED FOR A PUBLIC KEY INFRASTRUCTURE

The increasing acceptance of digital certificates has given rise to numerous products and services that issue digital certificates or that are digital certificate-ready. However, the mere issuance of digital certificates does not ensure that a user's access is properly monitored, that privileges associated with access are accurately and currently defined, or that the certificates in question have not been withdrawn or replaced. Indeed, the proliferation of users and certificates greatly complicates management of these issues, which are critical to maintaining an effective security environment across and between enterprises. To address these needs, enterprises must have a robust public key infrastructure that supplements certificate issuance functions with full life cycle management of public keys, including issuance, authentication, storage, retrieval, backup, recovery, updating and revocation, in an easy-to- use, cost-effective manner.

Moreover, unless digital certificates can be easily utilized on a consistent and reliable basis across multiple applications (such as e-mail, browser, electronic commerce, electronic forms and remote access), organizations will face the challenge and cost of maintaining a separate security infrastructure for each application, requiring separate keys and certificates, multiple passwords and inconsistent or incomplete security implementations. Furthermore, any PKI must be able to support an enterprise's security requirements as the enterprise grows, business functions are altered and underlying IT technologies evolve. To be effective, a public key infrastructure must be able to accommodate a large number of users and integrate diverse computing resources into a consolidated, reliable and secure computing environment that meets the five critical network security needs of access control, confidentiality, authentication, integrity and non- repudiation. Achievement of these goals requires a highly functional and flexible public key infrastructure for the management of network security features across an enterprise and between organizations.

# THE ENTRUST SOLUTION

Entrust develops, markets and distributes a comprehensive public key infrastructure solution that enables enterprises to effect and manage secure communications and transactions across a wide range of applications. The Entrust PKI solution addresses the five critical network security needs of enterprises and allows for consistent enterprise-wide security policy management, enabling any enterprise to establish its own flexible, highly reliable CA. It also offers users encryption functionality and full digital signature and certification management in a single, easy-to-use, integrated and automated solution. Among the benefits offered by Entrust's PKI solution are:

. COMPREHENSIVE FUNCTIONALITY. The Company believes that it is the only provider of a consolidated PKI solution offering the functionality necessary for the full life cycle management of public keys and digital certificates including: certificate issuance, certificate authentication, key storage and backup, key retrieval and recovery, certificate updating, certificate revocation and cross-certification of CAs.

. MULTIPLE CERTIFICATE TYPES. The Entrust PKI supports multiple certificate types and configurations, including enterprise certificates that can be used across multiple applications, Web certificates for secure Web transactions, electronic commerce certificates supporting secure credit card transactions using the SET standard and certificates for evolving communications technologies such as VPNs.

. VERSATILE, OPEN PLATFORM. The Entrust PKI enables secure transmissions across a wide range of computing platforms (including Windows NT and UNIX servers and Windows, UNIX, Macintosh and JAVA clients), enterprise applications (including e-mail, browser, electronic commerce, electronic forms and remote access), network infrastructure (including firewalls, network operating systems and directories), and open industry standards (such as the lightweight directory access protocol ("LDAP") and PKCS 11).

. HIGHLY SCALABLE ARCHITECTURE. Entrust products employ a distributed computing architecture and directory management techniques that make them highly scalable. The Company believes that its PKI solution, with appropriate directory additions, can be configured to handle millions of simultaneous users.

. EASE OF USE. Entrust products automatically effect complex certification and key recovery functions without user interaction; most functions are initiated using simple point and click graphical interfaces and are accessed via a single user login.

. REDUCED COST OF OWNERSHIP. Because the Entrust PKI's comprehensive functionality reduces duplication of personnel, its ease of use simplifies training, and its ability to interact with a wide variety of platforms and applications avoids the need to purchase multiple security systems, the Entrust PKI enables enterprises to significantly reduce overall costs for addressing security requirements.

# STRATEGY

The Company's objective is to maintain and enhance its position as the leading provider of comprehensive PKI solutions. Key elements of the Company's strategy to achieve this objective include the following:

. MAINTAIN PRODUCT LEADERSHIP. The Company's PKI solution has been deployed commercially through multiple versions for approximately four years. The Company's technological leadership is attributable in large part to its 140-person research and development team, which includes researchers with international reputations in their fields. The Company intends to maintain and enhance its technological leadership in the PKI solutions market by continuing to invest in product research and development, to extend the functionality and interoperability of its products, and to participate actively in industry standards-setting organizations.

. TARGET LARGE CUSTOMERS. The Company targets its sales and marketing activities at Global 2000 organizations and large governmental entities having significant requirements for comprehensive PKI solutions and the resources to deploy them broadly. To address this market, the Company maintains an experienced direct sales force and an active marketing program targeted at large organizations. The Company is expanding its sales force to address its target market more fully, and is supplementing its sales force with a services capability to facilitate implementation and deployment of products by large organizations.

. TARGET VERTICAL MARKETS OFFERING BROAD DEPLOYMENT OPPORTUNITIES. The Company targets organizations in the government, finance, health care, telecommunications and large manufacturing sectors, which have thousands of customers, subscribers and service recipients who will, directly or indirectly, benefit from the secure communications and transactions enabled by the Company's PKI solution. The Company believes that the successful implementation of its PKI solution within these selected vertical markets will

enable it to leverage the adoption of its products by such organizations to include their customers, subscribers and service recipients.

. PROMOTE BRAND AWARENESS. The Company's goal is to equate its brand name with trusted enterprise security. The Company undertakes a variety of activities to promote the recognition of its brand identity and products, including the promotion and sponsorship of industry groups and conferences such as the Entrust SecureSummit in June 1998. The Company also promotes its product standards and architecture by participating actively in numerous industry standards-setting bodies.

. EXPAND STRATEGIC RELATIONSHIPS. In order to encourage widespread acceptance of its PKI solution, the Company has established an Entrust Partner Program which currently includes: (i) VAR and OEM partners, such as Digital Equipment Corporation, EDS, Hewlett-Packard, IBM and Tandem, which resell the Company's products with their hardware and networking solutions, as well as Check Point Software, Symantec and TimeStep, which plan to bundle the Company's PKI solution with their own software products; (ii) consultant and system integration partners, such as Coopers & Lybrand, Deloitte & Touche and KPMG Peat Marwick, which recommend and implement Entrust-Ready security solutions as part of their overall service offerings; (iii) development partners, which have introduced more than 50 off-the-shelf Entrust-Ready applications and

(iv) interoperability partners such as Cisco, Lotus Development, Netscape and Shiva, which offer products that utilize the security features of the Entrust PKI solution. The Company intends to continue to invest in and enhance the Entrust Partner Program both to offer complete end-to-end security solutions to its customers and to broaden adoption of its PKI solution across markets and geographic areas.

. EXPAND GLOBAL PRESENCE. The Company intends to expand its global operations and currently has more than 55 employees based in Europe. With its acquisition of r/3/ in June 1998, the Company obtained substantial European research and development expertise for the development of its PKI solution targeted at the European market. The Company has supplemented its established direct sales and distribution channels through the addition of distribution partners in central and eastern Europe and Japan.

# PRODUCTS AND PRODUCT DEVELOPMENT

The Entrust PKI solution provides an integrated, open and scalable security framework that addresses an enterprise's data security needs across multiple platforms and applications, including e-mail, browsers, electronic forms, remote access and other product offerings from leading vendors. It also includes robust features (such as support of dual key pairs) that make it well suited for secure electronic commerce applications. The Entrust solution includes: (i) a core PKI solution, which centrally manages and administers an enterprise's security infrastructure, (ii) desktop applications that tightly integrate features with Entrust's core PKI and common third-party desktop applications, and (iii) application developer toolkits that provide open application programmer interfaces (APIs) for the rapid development of Entrust-Ready applications.

The Entrust core PKI solution comprises server software that manages and administers life cycle digital certificates throughout an enterprise, an LDAP- compliant directory for the storage and retrieval of keys, and workstation/client software that enables users to utilize the functions provided by the PKI. The core PKI solution is a powerful and flexible platform for the generation and management of digital certificates, including enterprise certificates supporting single or multiple applications within an organization, Web certificates embedded on individual user browsers for transaction authentication or electronic commerce certificates supporting secure credit card transactions using the SET

standard. The core solution is also configured to support the generation of certificates for evolving communications technologies, such as VPNs, and multiple hardware devices, such as smart cards, PC cards, biometric devices and third-party key storage systems.

### [ENTRUST PKI SOLUTION OVERVIEW FLOW CHART APPEARS HERE]

The graphic is entitled "Entrust PKI Solution Overview" and is structured as follows:

There is a large rectangular box that contains the names of the products constituting the Company's core PKI solution: (i) Entrust/Authority and Entrust/Admin and (ii) Entrust Electronic Identities (Enterprise, Web, E- Commerce and VPN (expected to become available in late 1998) Certificates). Arrows emanate from the large box toward smaller boxes representing the following: (a) applications (Entrust, Entrust-Ready (through the Entrust Toolkit) and Third-Party (through Entrust Plug-Ins)), (b) the Entrust/Directory, (c) network and firewalls and (d) hardware, smart cards and other add-ons. The boxes representing Third-Party applications and the items described in clauses (c) and (d) are shaded in gray.

/1/Expected to become available in late 1998.

### ENTRUST CORE PKI SOLUTION

The Company's core PKI solution is designed with an open and flexible software architecture that operates on a wide range of client/server enterprise operating system platforms, including Windows NT, HP-UX, Solaris and AIX servers, and Windows, HP-UX, Solaris, AIX, JAVA and Macintosh clients. Its security kernel supports a wide variety of encryption algorithms, including RSA, as well as symmetric and hashing algorithms, allowing customers to select those algorithms best suited for their requirements. In addition to its own directory system, the core system uses the industry LDAP standard to interoperate with most other major certificate directory systems, allowing customers to utilize existing directory systems and facilitating access to other directories as required. The system architecture enables the Company to add functionality as customer needs evolve and grow and allows the core system to support the generation and maintenance of new certificate types easily, responding to technology developments and market pressures. The system's distributed computing architecture and directory management techniques also enable the PKI to be scaled up as an enterprise's public key security needs increase or as users are added to existing infrastructures. The Company believes that, with appropriate directory additions, its core PKI solution will be able to handle millions of simultaneous users.

The initial version of the Entrust PKI was released in 1994, with major upgrades in 1996 and 1997; historically, the core solution has generated a major portion of the Company's revenues. The last major release of the core PKI, version 4.0, occurred in July 1998. The following table lists the products that constitute Entrust's core PKI solution, as well as a brief description and the introduction date of each product.

PRODUCT NAME ENTRUST/AUTHORITY	DESCRIPTION Provides comprehensive certification authority and key recovery capabilities, among numerous other functions	INTRODUCTION DATE December 1994
ENTRUST/ADMIN	Performs PKI administrative tasks	December 1994
ENTRUST/DIRECTORY	Scalable directory system for the storage of key information	June 1995
ENTRUST ELECTRONIC IDENTITIES	Enterprise user "accounts" that authorize use of different types of certificates, including:	December 1994
. Entrust/Entelligence	Enables use of enterprise certificates with multiple enterprise applications	December 1994
. Entrust/Web Connector	Enables use of digital certificates with popular browsers, such as those offered by Microsoft and Netscape	March 1997
. Entrust/CommerceCA	Enables use of digital certificates with standards-based SET wallets, merchant servers and payment gateways	March 1998

The Company licenses its Entrust/Authority and Entrust/Admin products at a combined list price of \$15,000 per server. Entrust offers its Entrust/Directory to enterprises for a list price of \$3,000 for installations of up to 5,000 users and \$3,000 plus a per-user fee for installations of more than 5,000 users. Enterprise Electronic Identities have a list price of \$159 per licensed user, which allows the issuance of multiple certificates across all Entrust-Ready applications in the enterprise. As a part of its core PKI solution, the enterprise Electronic Identities are offered on a registered- user basis. If an enterprise solution is not required, the Company also offers customers with specialized security needs the ability to issue Web and electronic commerce certificates at a charge of \$2 per certificate. The actual license fees paid by customers vary widely, based on the number of products licensed, registered users, enabled platforms and volume discounts, if any.

ENTRUST/AUTHORITY. Entrust/Authority is the central component of the Entrust PKI solution. Entrust/Manager provides the CA function for the Entrust core PKI, and enables an enterprise to create, issue, manage, back-up, update and revoke electronic identities. Entrust/Authority also

provides a secure enterprise key recovery system, issues certificate revocation information, and establishes cross-certification relationships with other trusted certification authorities. Because Entrust/Authority automates these functions, users typically need to communicate with Entrust/Authority only when they are initialized on the system; key update operations are performed automatically and transparently, minimizing the need for on-going user involvement. A sophisticated audit reporting system monitors all security aspects of Entrust/Authority operations.

ENTRUST/ADMIN. Entrust/Admin provides administrative capabilities to three types of personnel: security officers, Entrust administrators and directory administrators. Through an easy-to-use graphical interface, security officers can define the high-level security policies governing the operation of an Entrust system, such as default lifetimes for encryption and signature key pairs and the frequency with which certificate revocation lists (CRLs) are automatically distributed. Entrust/Admin allows Entrust administrators to perform the system's day-to-day administrative duties, including creating and deleting user identities, changing users' names, helping users recover lost keys and forgotten passwords, and revoking users' certificates when necessary. Entrust/Admin allows directory administrators to perform administrative tasks associated with the directory on an automated, high-volume basis.

ENTRUST/DIRECTORY. As a convenience for its PKI customers, Entrust offers a scalable LDAP-compliant directory for the storage of key information. The core PKI solution will also operate with many other LDAP-compliant directories.

ENTRUST ELECTRONIC IDENTITIES. An Entrust Electronic Identity is an individual user's "account" within the PKI. Entrust offers Electronic Identities for full enterprise use, or for more limited Web or electronic commerce use. An Entrust/Entelligence Electronic Identity can support numerous key pairs and certificates over its lifetime, which may be utilized across multiple Entrust-Ready and other third party applications. Updating of key pairs and certificates is performed automatically and transparently and, therefore, administrative overhead is reduced. These Electronic Identities are implemented on client-side software that provides an easy-to-use interface enabling users within an Entrust PKI to secure and unsecure files. This software also allows users to specify options (such as file compression) and select cryptographic algorithms while making the complexities of key and certificate management transparent. An Entrust/Web Connector Electronic Identity enables a user to use certificates with popular Web browsers and Web servers, such as those offered by Netscape and Microsoft. These Web certificates can have lifetimes that span multiple years and do not require renewal on a yearly basis. Entrust/Commerce CA Electronic Identities enable secure electronic commerce through the issuance and management of certificates for SET wallets, merchant servers and payment gateways.

In addition to its enterprise core PKI solution, the Company also offers two introductory PKI products: Entrust/Lite, which provides a PKI for workgroups of up to 200 users, and Entrust/Solo, which provides individual users with public key encryption and digital certificate capabilities. Entrust/Lite is licensed for \$50 per user and Entrust/Solo, which may be downloaded from the Internet, is licensed for \$49 for commercial use and for free for non- commercial use.

#### ENTRUST APPLICATIONS

The Company's core PKI solution has been configured to support a wide variety of applications from multiple vendors to enhance its flexibility and usefulness. The Company has also developed a number of applications in order to meet specific customer demands and facilitate the implementation of the Entrust core PKI solution. These products either complement and interact with the core PKI to offer the user enhanced functionality and increased interoperability with third-party applications, or operate as independent products, offering distinct functionality.

The following table lists applications offered by the Company, including a brief description, product pricing and the introduction date for the product.

PRODUCT NAME	DESCRIPTION	PRICING	INTRODUCTION DATE
ENTRUST/ICE 2.0	Provides security for files and folders	\$39 per user	
ENTRUST/EXPRESS 2.0	Provides security for popular e-mail applications, such as Microsoft's Exchange and Outlook products		June 1997
ENTRUST/DIRECT 3.0	Provides Entrust's automated key and certificate management features to secure Web sessions		December 1997
ENTRUST-READY NETSCAPE SOLUTION 1.0	Provides Entrust's automated key and certificate management features to Netscape's Communicator 4.0 and Enterprise Server	\$15 per user	March 1998
ENTRUST/TRUE DELETE 2.0	Securely deletes files	Currently bundled with other Entrust products	April 1998
ENTRUST/ENTERPRISE DESKTOP SUITE 1.0	Provides a variety of solutions including secure e-mail, desktop encryption, secure Web sessions, secure file deletion and customizable installation in a single software package	\$99 per user	July 1998

### APPLICATION DEVELOPER TOOLKIT

Because certificate management represents the most difficult aspect of adding security to an application, the Company has provided the Entrust/Toolkit to enable application developers to make third-party applications Entrust-Ready while keeping the complexities of key and certificate management transparent. The Entrust/Toolkit is a family of open, easy-to-integrate security APIs that provide security services, including full key life cycle management, to a broad range of applications.

### NEW PRODUCT DEVELOPMENT

Entrust devotes significant resources to the development of new and enhanced product functionality to maintain its technology and product leadership. The Company employs a number of different methods for identifying product extension opportunities and new product candidates,

including user group meetings and direct feedback, an active program of partnership and cooperation with companies developing complementary technologies, and continued participation and leadership in industry standards-setting bodies such as the Internet Engineering Task Force (IETF), the North American Clearinghouse Association (NACHA), the American National Standards Institute (ANSI) and others.

Some of the Company's current and planned product development efforts include the use of certificate distribution with new devices (such as cellular telephones, pagers and personal digital assistants), attribute certificates for privilege management, electronic notary services, and monitoring and assessment systems. The Company is also continuing to increase the number of third-party applications and services that the Company's PKI solution can manage, including VPN devices and routers and other popular user applications. Entrust scientists are also actively engaged in the development and improvement of the advanced cryptographic algorithms for use in Entrust products, including exploration of the use of highly efficient algorithms such as elliptical curve encryption.

# PROFESSIONAL SERVICES AND SUPPORT

The Company believes that a high level of service and support is critical to its success, and that a close and active service and support relationship is important to facilitate rapid implementation of its solutions, assure customer satisfaction and provide the Company with important information regarding evolving customer requirements. Toward that end, the Company has made a significant investment in expanding its professional services and support organization, which, as of June 30, 1998, consisted of 68 employees. The Company's professional services providers have a broad range of experience in network security and include mathematicians, cryptographers and system designers.

The Company's professional services organization provides consulting and systems integration services to support customers in designing, implementing and running their PKI solutions. Activities of the professional services organization are supplemented with a professional services partner program that includes Coopers & Lybrand, Deloitte & Touche and KPMG Peat Marwick. To facilitate the integration of PKI management into the customer's business operations, the Company also offers its Entrust InSource service, in which the Company provides on-site PKI management for customers on a long-term basis, or while the customer implements and trains personnel.

The Company's support offerings also include direct telephone consulting support by experienced technical account representatives, toll-free telephone customer support, 24-hour pager access, e-mail and fax support, Internet access to the Company's knowledge repository, and discussion group access. Payment of an annual maintenance fee also entitles customers to receive software enhancements to their licensed versions of the Company's solution.

# **RESEARCH AND DEVELOPMENT**

The Company's research and development efforts are focused on developing new products, core technologies and enhancements to existing product lines to maintain and extend its technology and product leadership position. The Company spent approximately \$2.3 million, \$2.9 million and \$5.7 million on research and development in 1995, 1996 and 1997, respectively.

As of June 30, 1998, the Company's research and development staff consisted of 140 employees, several of whom have international reputations in their respective disciplines. With the addition of r/3/, the Company has added significant research and development capabilities in Europe, including an internationally recognized cryptographic team.

The Company's research and development staff is active in several prominent standards-setting bodies, including IETF, ANSI, the Internet PKIX group and ISO, and has contributed to a number of

standards in the Internet and data security areas. The Company believes that it is well-situated to respond to changes in relevant industry standards and to continue to participate in the development of these standards as the requirements of enterprises and users become increasingly complex.

### **CUSTOMERS**

The Company's customers are generally domestic and foreign government entities and Global 2000 companies, including financial, health care, telecommunications and large manufacturing organizations. As of June 30, 1998, the Company had licensed its software to more than 500 customers. The following is a representative list of the Company's current customers that have accounted for more than \$200,000 of revenues each:

Banco Nazionale di Lavorno	Interpay
Bell Emergis	J.P. Morgan
Canadian Dept. of National Defense	Nortel
Citibank	Royal Canadian Mounted Police
Columbia/HCA Healthcare Corporation	S.W.I.F.T.
Digital Medical Systems	Science Applications International
FDIC	United Kingdom Post
Industry Canada	U.S. Coast Guard

Historically, a limited number of customers has accounted for a significant percentage of the Company's revenues. In 1995, two customers accounted for 53% and 18% of revenues, respectively. In 1996, three customers accounted for an aggregate of 64% of revenues, and 29%, 20% and 15% of revenues respectively. In 1997, three customers accounted for 19%, 12% and 11% of revenues, respectively. Although the Company's largest customers have varied from period to period, the Company anticipates that its results of operations in any given period will continue to depend to a significant extent upon revenues from a small number of customers. See "Risk Factors--Dependence on Large Customers".

### SALES, MARKETING AND BUSINESS DEVELOPMENT

The Company offers its products and services through a multi-tiered approach reflecting the characteristics and buying behavior of the markets it covers. As of June 30, 1998, the Company had 133 employees in sales, marketing and business development.

#### DIRECT SALES

To address its target market of Global 2000 organizations, the Company sells its products and services in North America, the United Kingdom and Germany primarily through a direct sales force. The Company believes that direct coverage by the Company's sales force is necessary in light of the early stage of PKI adoption and the sophisticated requirements of its targeted customer base. The Company also believes that a direct sales force gives it a competitive advantage in responding to customer needs as they evolve. The Company's direct sales force is divided into five North American regions, the United Kingdom and Germany. Within each region, teams are assigned specific accounts as their exclusive responsibility. The Company has also focused its sales efforts on key vertical markets that have a critical need for security and understand the value it creates for their businesses. These markets include government, finance, health care, telecommunications and large manufacturing.

The Company has established a General Markets Sales Group responsible for pursuing identified customer opportunities outside the defined responsibilities of the regional sales teams and accelerating the sales cycle. The direct sales organization is also supplemented by targeted direct mail and telemarketing campaigns developed by the Company's marketing organization.

# INDIRECT SALES

To supplement its direct sales force, the Company has established an Entrust Partner Program involving a range of technology, marketing and sales relationships including:

. VAR and OEM partners that focus on creating bundled solutions to permit customers to purchase total desktop applications incorporating Entrust functionality. These partners include Digital Equipment Corporation, EDS, Hewlett-Packard, IBM and Tandem, which resell the Company's products with their hardware and networking solutions, as well as Check Point Software, Symantec and TimeStep, which plan to bundle the Company's PKI solutions with their own software products.

. Interoperability partners such as Cisco, Lotus Development, Netscape and Shiva, which offer products that utilize the security features of the Entrust PKI solution.

. Consultant and systems integration partners that recommend and implement Entrust-Ready security solutions as part of their overall service offerings to customers, thereby differentiating their offerings through the inclusion of PKI functionality. These partners include Coopers & Lybrand, Deloitte & Touche and KPMG Peat Marwick.

. Referral partners that refer their consulting and integration customers in designated markets to the Entrust PKI solution.

. Distributors and agents that promote and sell the Company's products in defined geographic markets.

#### MARKETING

To support its sales force, the Company has a marketing group whose goals are to create a consistent, focused communication strategy that increases awareness of the Company's PKI solution and brand name, and to leverage that awareness in the identification of new sales opportunities. The marketing group conducts marketing programs that include direct mail, trade shows, annual seminar series, executive breakfasts and ongoing customer communication programs. The Company has organized a number of major trade shows, including the Entrust SecureSummit '98 held in Chicago in June 1998. The Company also provides frequent Web updates, search engine registration, online advertising and product downloads. The Company's marketing personnel are dedicated to maximizing brand success and periodically evaluating the Company's brand recognition.

### **BUSINESS DEVELOPMENT**

To identify and develop strategic relationships with targeted industry partners more effectively, the Company has a business development organization of 21 persons that pursues selected business development activities, including the administration and promotion of the Company's Entrust Partner Program. These activities permit the Company to strengthen relationships with existing strategic partners and identify and encourage new providers of software, network, computing and communications products to make their products Entrust-Ready.

### COMPETITION

The Company's products are targeted at the new and rapidly evolving market for PKI solutions. Although the competitive environment in this market has yet to develop fully, the Company anticipates that it will be intensely competitive, subject to rapid change and significantly affected by new product and service introductions and other market activities by industry participants.

Because of the broad functionality of its PKI solution, the Company competes with vendors offering a wide range of security products and services. The Company competes with companies offering commercial certification authority products and services such as VeriSign, GTE Cybertrust Solutions, XCert and IBM in the market for issuing and maintaining digital certificates for use on public

and private networks. Certain of these companies, such as IBM and XCert, provide a product-based solution, while others, such as VeriSign and GTE Cybertrust Solutions, are primarily service providers. The Company also competes with companies, such as Baltimore Technologies of Ireland, which offer PKI product solutions for enterprises. In addition, the Company expects to compete with established companies developing new PKI offerings, such as Security Dynamics and Network Associates, which have each announced their intention to introduce PKI products that would be integrated with their other security product offerings, as well as Microsoft Corporation, which has announced its intention to offer a certificate server product based on its existing security framework in the near future. The Company expects that there will be additional entrants to this marketplace. In addition, other major networking vendors could, in the future, bundle digital certificates with their product offerings. The Company typically competes with these vendors and service providers on the basis of its ability to provide a centrally managed, real-time, comprehensive infrastructure with the features and functionality to support enterprise applications. In addition, the Company competes in the emerging market for providing security across VPNs with most major networking device companies, such as Ascend and Cisco, as well as firewall vendors such as AXENT (Raptor) and Check Point Software.

The Company believes that the principal competitive factors affecting the market for PKI technology include technical features, ease of use, quality/reliability, level of security, scalability, customer service and support and price. Although the Company believes that its products currently compete favorably with respect to such factors, there can be no assurance that the Company can maintain its competitive position against current and potential competitors. See "Risk Factors-- Competition". Many of the Company's current and potential competitors have longer operating histories, greater name recognition, larger installed bases and significantly greater financial, technical, marketing and sales resources than the Company. As a result, they may be able to react more quickly to emerging technologies and changes in customer requirements, or to devote greater resources to the promotion and sale of their products than the Company's current competitors in particular segments of the security marketplace may in the future broaden or enhance their offerings to provide a more comprehensive solution competing more fully with the Company's functionality. The Company may also compete in the future for sales of Entrust products against its OEM licensees, who resell the Entrust solution under their own brand names.

# **REGULATORY MATTERS**

The Company's products are subject to special export restrictions administered by the governments of the United States, Canada and other countries. The Company's products are also subject to import restrictions and/or use restrictions imposed by countries such as France. Consequently, the ability of the Company to export its products to destinations outside of the U.S. and Canada is subject to a variety of government approvals or licensing requirements. These export controls may also restrict the ability of the Company to make some products available for sale via international computer networks such as the Internet. Re-export of the products between countries other than the U.S. and Canada may be subject to the export control laws of those countries in addition to those provisions of the U.S. and/or Canadian export control laws which apply to re-exports. In light of these restrictions, the Company's products made available abroad may contain significantly weaker encryption capabilities than those available to customers in the U.S. and Canada, and there can be no assurance that the Company will continue to be able to export its products to any destinations outside of the U.S. and Canada. Such restrictions could potentially have an adverse effect on the Company's business, financial condition or results of operations. See "Risk Factors-Industry Regulation".

In October 1996, the U.S. government announced a new export control policy for encryption products. Under the new policy, cryptography of any strength may be authorized for export, after a one-time government review, as long as the product provides for a key recovery method which will enable authorized law enforcement agencies to access the keys required to decrypt lawfully

intercepted encrypted data without the knowledge or consent of the user of the encryption product. The U.S. government regulations provide flexibility with respect to what specific key recovery mechanisms will be permitted; the Company's products already provide some built-in key recovery features, and the Company believes that its product architecture will satisfy the government's criteria with few modifications.

Under an interim procedure in effect through December 31, 1998, vendors of encryption products may be granted six-month authorizations to export from the U.S. encryption products with key lengths between 40 and 56 bits, provided that the vendor submits a written plan to develop a key recovery feature prior to December 31, 1998, and shows satisfactory progress toward implementing that plan. Each product is still subject to a one-time government review in order to become eligible for this interim authorization. The Company has obtained permission under this provision, which expires on December 31, 1998, to have certain of its products exported without modification from the U.S. by U.S. customers with operations abroad and by third-party distributors.

In the absence of a key recovery mechanism or an approved plan for such a mechanism, current U.S. government policy is to prohibit exports (except to Canada) of most encryption products with key lengths of greater than 56 bits, except under individual licenses which may authorize exports of stronger encryption products to financial institutions, subsidiaries of U.S. companies and government agencies.

Under the current U.S. government policy, U.S. encryption export controls do not apply to encryption products which meet all of the following criteria: (i) are produced and exported from outside of the U.S.; (ii) do not contain U.S.- origin encryption technologies, unless such technologies are "publicly available"; (iii) do not contain U.S.-origin encryption source code, unless such source code is obtained in printed (i.e., "hard copy") form; (iv) are developed and produced without technical assistance from any U.S. person or entity; and (v) contain no more than a de minimis amount of U.S.-origin non- encryption software or technology. The Company believes, and has informed the U.S. government, that certain of the Company's products are exempt from U.S. encryption export restrictions under these criteria. The Company, however, has not obtained any formal U.S. government ruling that any of its products produced and shipped from outside the U.S. may be exempt from U.S. encryption export controls, and there can be no assurance that the U.S. government will refrain from asserting jurisdiction over one or more of the Company's products. Such a decision by the U.S. government to assert jurisdiction could result in penalties for past shipments and could restrict future sales of the Company's products outside the U.S. and Canada, having a potentially material adverse effect on the Company's business, financial condition and results of operations.

# INTELLECTUAL PROPERTY

The Company relies on a combination of patent, copyright, trademark and trade secret laws, nondisclosure agreements and other contractual provisions to establish, maintain and protect its proprietary rights. The Company owns five issued U.S. patents (along with corresponding, pending foreign patent applications) and 26 pending U.S. patent applications relating to the Entrust products. These patents are and will continue to be subject to certain license grants to others, including Nortel and its cross licensees, under patent cross license agreements. See "Certain Transactions". The Company has copyright and trade secret rights for its products, consisting mainly of source code and product documentation. The Company uses a printed "shrink-wrap" license for users of its products in order to protect certain of its copyrights and trade secrets. The Company attempts to protect its trade secrets and other proprietary information through agreements with suppliers, non-disclosure and non-competition agreements with employees and consultants and other security measures.

There can be no assurance that the Company will seek patents on its technology or products, that any such patents will be issued or that any such additional patents will be sufficiently broad to protect the Company's technology or products. The status of computer-related patents involves complex legal and factual questions and the breadth of claims allowed is uncertain. Accordingly, there can be no assurance that patent applications filed by the Company will result in patents being issued or that its existing patents, and any patents that may be issued to it in the future, will afford protection against competitors with similar technology, nor can there by any assurance that patents issued to the Company will not be infringed upon or designed around by others or that others will not obtain patents that the Company would need to license or design around. If existing or future patents containing broad claims are upheld by the courts, the holders of such patents might be in a position to require companies to obtain licenses. There can be no assurance that licenses that might be required for the Company's products would be available on reasonable terms, if at all.

The Company relies on outside licensors, including RSA, for patent and/or software license rights in encryption technology that is incorporated into and is necessary for the operation of the Company's products. The Company's success will depend in part on its continued ability to have access to such technologies that are or may become important to the functionality of its products. Any inability to continue to procure or use such technology could have a material adverse effect on the Company's business, financial condition and results of operations.

Despite the Company's efforts to protect its proprietary rights, unauthorized parties may attempt to copy aspects of the Company's products or to obtain and use information that the Company regards as proprietary. Policing unauthorized use of the Company's products is difficult, and while the Company is unable to determine the extent to which piracy of its software products exists, such piracy can be expected to be a persistent problem, particularly in international markets and as a result of the growing use of the Internet. Some courts have held that shrink-wrap licenses, because they are not signed by the licensee, are not enforceable. There can also be no assurance that the Company's trade secrets or confidentiality agreements will provide meaningful protection of the Company's proprietary information. Furthermore, there can be no assurance that others will not independently develop similar technologies or duplicate any technology developed by the Company or that the Company's technology will not infringe upon patents of other rights owned by others. The Company's inability to protect its proprietary rights could have a material adverse effect on the Company's business, financial condition or results of operations.

As the number of information security products in the industry increases and the functionality of these products further overlaps, software developers and publishers may increasingly become subject to claims of infringement or misappropriation of the intellectual property or proprietary right of others. There can be no assurance that third parties will not assert infringement or misappropriation claims against the Company in the future with respect to current or future products. Further, the Company may be subject to additional risk as it enters into transactions in countries where intellectual property laws are not well developed or are poorly enforced. Legal protections of the Company's rights may be ineffective in such countries, and technology developed in such countries may not be protectable in jurisdictions where protection is ordinarily available.

Any claims or litigation, with or without merit, to defend or enforce the Company's intellectual property could be costly and could result in a diversion of management's attention, which could have a material adverse effect on the Company's business, financial condition or results of operations. Adverse determinations in such claims or litigation could also have a material adverse effect on the Company's business, financial condition or results of operations. See "Risk Factors--Limited Protection of Proprietary Rights and Dependence on Licensed Rights".

# **EMPLOYEES**

As of June 30, 1998, the Company had 397 full-time employees, 289 of whom were employed by the Canadian Subsidiary. Of the Company's employees, 140 were involved in research and development, 133 in sales, marketing and business development, 68 in professional and customer support services and 56 in administration and finance. No employees are covered by any collective bargaining agreements, and the Company believes that its relationships with its employees are good. The future success of the Company, however, will depend upon its ability to attract and retain qualified personnel. Competition for such personnel is often intense, and there can be no assurance that the Company will be able to attract and retain adequate numbers of qualified personnel in the future. See "Risk Factors--Competitive Market for Technical Personnel".

# FACILITIES

The Company's U.S. headquarters, including its executive offices and administrative facilities, is located in Richardson, Texas, where it leases approximately 3,219 square feet of office space. The Company also leases approximately 69,000 square feet of office space at its Canadian headquarters in Ottawa, Ontario, Canada. The Company currently intends to lease additional office space in the Ottawa area to accommodate expected growth in administrative, sales and marketing, research and development and operations personnel. The Company also has offices located in London, England and Zurich, Switzerland.

The Company also has sales offices in Chicago, Illinois, McLean, Virginia, New York, New York and St. Louis, Missouri, a sales and business development office in Menlo Park, California and a sales and professional services office in Raleigh, North Carolina. The Company leases a sales and support office in Bad Homburg, Germany.

# LEGAL PROCEEDINGS

There are no material pending legal proceedings to which the Company or any of its property are subject.

#### MANAGEMENT

### **EXECUTIVE OFFICERS AND DIRECTORS**

The executive officers and directors of the Company, their ages and positions as of June 30, 1998, are as follows:

NAME AGE POSITION --- -----John A. Ryan..... 42 President, Chief Executive Officer and Director Brian O'Higgins..... 42 Executive Vice President and Chief Technology Officer Bradley N. Ross..... 39 President of European Operations Senior Vice President, Business Development Michele L. Axelson..... 48 and Finance and Chief Financial Officer Richard D. Spurr...... 44 Senior Vice President, Sales and Marketing Hansen Downer..... 46 Vice President, Professional Services David D. Archibald(1)..... 56 Director F. William Conner(1)..... 39 Director Frank A. Dunn(2)..... 44 Director Robert S. Morris(1)(2)..... 43 Director

(1)Member of the Compensation Committee.

(2)Member of the Audit Committee.

JOHN A. RYAN has served as President and Chief Executive Officer and as a director of the Company since its founding in December 1996. From October 1995 until December 1996 he served as the Vice President and General Manager for the Multimedia and Internet Solutions business unit of Nortel. Prior to that time, from August 1992 until October 1995, he served as Assistant Vice President, Marketing for the Enterprise Network group of Nortel. Since joining Nortel in 1981, he has also served in various senior positions in marketing, customer service and finance. Mr. Ryan holds a Bachelor of Mathematics degree from the University of Waterloo, Waterloo, Ontario, and is a Chartered Accountant.

BRIAN O'HIGGINS has served as Executive Vice President and Chief Technology Officer of the Company since its founding in December 1996. Mr. O'Higgins co- founded the Nortel Secure Networks ("NSN") business unit in 1994, which became Entrust Technologies Inc. in December 1996. Previously, he was employed by Bell Northern Research Ltd. ("BNR"), the research and development subsidiary of NTL, which he joined in 1979. Mr. O'Higgins holds a Bachelor of Science degree in Electrical Engineering from Carleton University, Ottawa, Ontario.

BRADLEY N. ROSS has served as President of European Operations since March 1998. From December 1996 until March 1998, he served as the Company's Executive Vice President Marketing and Product Line Management. Mr. Ross co- founded NSN in 1994 with Mr. O'Higgins, which became Entrust Technologies Inc. in December 1996. Previously, he was employed by BNR, which he joined in 1982 and held various positions in software design and program management for Nortel's switching products. Mr. Ross holds Bachelor and Master of Science degrees in Engineering from Queen's University, Kingston, Ontario, and a Master of Business Administration degree in Management Science from the Massachusetts Institute of Technology's Sloan School of Management, Cambridge, Massachusetts.

MICHELE L. AXELSON has served as Senior Vice President, Business Development and Finance and Chief Financial Officer since joining the Company in May 1998. From June 1996 until May 1998, she served as the Senior Vice President and Chief Financial Officer for Scopus Technologies Inc., an enterprise customer care software company. Prior to that time, from 1979 until June 1996, Ms. Axelson held various positions at Arthur Andersen LLP, an international public accounting firm, and was a partner of that firm from 1989 until June 1996. Ms. Axelson is a Certified Public Accountant and holds a Bachelor of Science degree in Business Administration from San Jose State University, San Jose, California.

RICHARD D. SPURR has served as Senior Vice President, Sales and Marketing of the Company since March 1998. Prior to that time, he served as Senior Vice President of Global Sales of the Company since joining the Company in June 1997. Prior to joining the Company, from December 1990 to March 1997, he held numerous executive positions for SEER Technologies, Inc., a developer of component-based software applications, including Vice President of Strategic Alliances from January 1994 to November 1996 and Vice President of Major Accounts from December 1996 to March 1997. From June 1974 until December 1990, Mr. Spurr served in various sales and sales management positions with IBM. Mr. Spurr holds a Bachelor of Arts degree from the University of Notre Dame, South Bend, Indiana.

HANSEN DOWNER has served as Vice President, Professional Services of the Company since he joined the Company in December 1997. From February 1997 to November 1997, Mr. Downer served as Vice President of Sales, Marketing and New Product Development at Interpath Communications, Inc., an Internet service provider. From March 1996 until August 1996, Mr. Downer served as Vice President of Customer Service and Telecom Network Design for the Physician's Desktop Company, a network development company and a subsidiary of Imonics Corporation. From May 1995 until March 1996, Mr. Downer served as Vice President of Business Development at Imonics Corporation, a client server systems integration company focused on the health care industry. Prior to that time, from 1979 to December 1994, he worked for Nortel in a number of roles. Mr. Downer holds a Bachelor of Mathematics degree from the University of Waterloo, Waterloo, Ontario.

DAVID D. ARCHIBALD has been a director of the Company since its founding in December 1996. Mr. Archibald has served as Vice President and Deputy General Counsel of NTL since March 1995, and has responsibility for legal affairs of several of Nortel's operations and business units. Prior to that time, from April 1979 to March 1995, Mr. Archibald served as Vice President and General Counsel of Northern Telecom Canada Limited. Mr. Archibald holds a Bachelor of Commerce degree and a Bachelor of Common Law from Dalhousie University, Halifax, Nova Scotia.

F. WILLIAM CONNER has been a director of the Company since July 1997. He has served as Senior Vice President and President of Nortel's Enterprise Data Networks line of business since February 1998. From August 1995 until February 1998, Mr. Conner served as Executive Vice President, Sales and Marketing for the Enterprise Networks line of business of Nortel. Prior to that time, from 1992 until July 1995, Mr. Conner held a variety of sales and marketing executive positions in Nortel's voice and data enterprise lines of businesses. Mr. Conner holds a Bachelor of Science degree in Mechanical Engineering from Princeton University, Princeton, New Jersey and a Master of Business Administration Degree from the University of Pennsylvania's Wharton School, Philadelphia, Pennsylvania.

FRANK A. DUNN has been a director of the Company since July 1997. Mr. Dunn has served as the Senior Vice President of Finance and Planning of Nortel since March 1996. From January 1994 until March 1996, Mr. Dunn served as Vice President of Finance for Nortel's North American lines of business, a management division within NTL. Prior to that time, from March 1993 until January 1994, Mr. Dunn served as NTL's Corporate Controller. Mr. Dunn holds a Bachelor of Commerce degree from McGill University, Montreal, Quebec.

ROBERT S. MORRIS has been a director of the Company since January 1997. Mr. Morris founded Olympus Partners, a private investment firm, in 1989 and serves as Managing Partner of Olympus Private Placement Fund, L.P., Olympus Growth Fund II, L.P., Olympus Executive Fund, L.P. and Olympus Growth Fund III, L.P. Mr. Morris serves on the boards of directors of TriNet Corporate Realty Trust, Inc. and Candlewood Hotel Company, Inc. Mr. Morris holds a Bachelor of Arts degree from Hamilton College, Clinton, New York and a Master of Business Administration degree from the Amos Tuck School of Business at Dartmouth College, Hanover, New Hampshire.

The Company anticipates adding at least one additional member to the Board of Directors who is unaffiliated with the Company or Nortel.

The members of the Board of Directors were elected pursuant to the terms of a Stockholders' Agreement, dated as of December 31, 1996, as amended, among the Company and certain stockholders (the "Stockholders' Agreement"). The Stockholders' Agreement terminates upon the closing of the Offerings.

Following the Offerings, the Board of Directors of the Company will be divided into three classes, each of whose members will serve for a staggered three-year term. The Board will consist of two Class I Directors (Messrs. Archibald and Morris), two Class II Directors (Messrs. Conner and Ryan) and one Class III Director (Mr. Dunn). At each annual meeting of stockholders, a class of directors will be elected for a three-year term to succeed the directors of the same class whose terms are then expiring. The Company's Amended and Restated Bylaws (the "Bylaws") provide that such directors are elected by a plurality of all votes cast at such meeting. The terms of the Class I Directors, Class II Directors and Class III Director expire upon the election and qualification of successor directors at the annual meeting of stockholders held during the calendar years 1999, 2000 and 2001, respectively. The Amended and Restated Articles of Incorporation of the Company provide for a Board of Directors composed of five directors, unless otherwise increased or decreased in the manner provided in the Bylaws. The Bylaws permit the Company's Board of Directors, by a majority vote, to fix the number of directors between three and ten.

Each executive officer serves at the discretion of the Board of Directors and holds office until his or her successor is elected and qualified or until his or her earlier resignation or removal. There are no family relationships among any of the directors or executive officers of the Company.

# COMMITTEES OF THE BOARD OF DIRECTORS

The Board of Directors has a Compensation Committee composed of Messrs. Archibald, Conner and Morris, which establishes the compensation of, and compensation policies applicable to, the Company's executive officers and administers and grants stock options and other stock awards pursuant to the Company's stock plans. The Board of Directors also has an Audit Committee composed of Messrs. Dunn and Morris, which makes recommendations to the Board of Directors concerning the appointment or replacement of the Company's independent public accountants, confers with such accountants regarding such accountants' audit of the Company and recommends and implements desired changes to the scope of the Company's audit.

# DIRECTOR COMPENSATION

Directors do not receive any cash fees for their services on the Board, but are reimbursed for expenses incurred in connection with their attendance at Board and committee meetings. In addition, non-employee directors of the Company are eligible to receive stock options under the Company's Amended and Restated 1996 Stock Incentive Plan. See "-- Stock Plans -- Amended and Restated 1996 Stock Incentive Plan".

#### EXECUTIVE COMPENSATION

The following table sets forth the total compensation paid or accrued for the year ended December 31, 1997 for the Company's Chief Executive Officer and its three other executive officers in the year ended December 31, 1997 whose salary and bonus totaled at least \$100,000 for the fiscal year (together, the "Named Executive Officers"):

### SUMMARY COMPENSATION TABLE

				LONG-TERM COMPENSATION
				AWARDS
	ANNUAL COMPENSATION			SECURITIES UNDERLYING
NAME AND PRINCIPAL POSITION	5	SALARY	BONUS	OPTIONS(1)
John A. Ryan President and Chief Executive Officer	\$	180,874 \$	79,800(2)	1,445,800
Brian O'Higgins Executive Vice President and Chief Tech- nology Officer		94,319	46,123(2)	602,400
Bradley N. Ross President of European Operations		94,175	45,298(2)	602,400
Richard D. Spurr(3) Senior Vice President, Sales and Market- ing		68,217	43,820	440,000

(1) Represents the number of shares covered by options to purchase shares of Common Stock granted during the year ended December 31, 1997. The Company has never granted any stock appreciation rights.

(2)Represents bonuses paid for 1996 performance at Nortel.

(3)Represents compensation from June 1997 when Mr. Spurr joined the Company.

### **OPTION GRANTS IN LAST FISCAL YEAR**

The following table sets forth all individual grants of stock options to each of the Named Executive Officers during the year ended December 31, 1997.

# **OPTION GRANTS IN LAST FISCAL YEAR**

		POTENTIAL REALIZABLE VALUE AT ASSUMED ANNUAL RATES OF STOCK PRICE APPRECIATION FOR OPTION TERM(2)				
	NUMBER OF	PERCENT OF TOTAL				
	SECURITIES	OPTIONS GRANTED				
	UNDERLYING	TO EMPLOYEES	EXERCISE OR BASE	EXPIRATION		
NAME	OPTIONS GRANTED	IN FISCAL YEAR	PRICE PER SHARE(1)	DATE	5%	10%
	1 445 000(2)		<i>d</i> a <i>d</i> a	4 /4 /07	<i>t</i> 1 022 1 <i>c</i> 0	
John A. Ryan		21.4%	\$2.13	1/1/07	\$ 1,932,169	
Brian O'Higgins	602,400(3)	8.9	2.13	1/1/07	850,048	2,040,150
Bradley N. Ross	602,400(3)	8.9	2.13	1/1/07	850,048	2,040,150
Richard D. Spurr	440,000(4)	6.5	2.13	1/1/07	588,016	1,490,149

(1) The exercise prices represent the fair market value of the Common Stock on the respective dates of grant, as determined by the Board of Directors.

(2) Amounts reported in these columns represent amounts that may be realized upon exercise of the options immediately

prior to the expiration of their term assuming the specified compound rates of appreciation (5% and 10%) on the market value of the Common Stock on the date of option grant over the term of the options. These numbers are calculated based on rules promulgated by the Securities and Exchange Commission and do not reflect the Company's estimate of future stock price growth. Actual gains, if any, on stock option exercises and Common Stock holdings are dependent on the timing of such exercise and the future performance of the Common Stock. There can be no assurance that the rates of appreciation assumed in this table can be achieved or that the amounts reflected will be received by the individuals.

(3) Each of the indicated options cumulatively vests as to one-fifth of the underlying shares on January 1, 1997 and each of the first, second, third and fourth anniversaries of January 1, 1997.

(4) The indicated option cumulatively vests as to one-fifth of the underlying shares on July 23, 1997 and each of the first, second, third and fourth anniversaries of July 23, 1997.

### FISCAL YEAR-END OPTION VALUES

The following table sets forth certain information concerning the number and value of unexercised options held by each of the Named Executive Officers on December 31, 1997. None of the Named Executive Officers exercised options during the year ended December 31, 1997.

#### FISCAL YEAR-END OPTION VALUES

	NUMBER OF SHAR UNEXERCISE AT FISCAL	D OPTIONS	VALUE OF UNEXERCISED IN-THE-MONEY OPTIONS AT FISCAL YEAR-END(2)		
NAME	EXERCISABLE(1)	UNEXERCISABLE	EXERCISABLE	UNEXERCISABLE	
John A. Ryan Brian O'Higgins Bradley N. Ross Richard D. Spurr	240,960 240,960	867,480 361,440 361,440 352,000	\$8,021,298 3,342,115 3,342,115 1,220,560	\$12,031,947 5,013,173 5,013,173 4,882,240	

(1) Includes shares that became exercisable as of January 1, 1998.

(2) There was no public trading market for the Common Stock as of December 31, 1997. Accordingly, these values have been calculated on the basis of the initial public offering price of \$16.00 per share, less the applicable exercise price.

### **EMPLOYMENT AGREEMENTS**

Pursuant to a letter agreement between John A. Ryan and the Company, dated as of April 21, 1997, the Company agreed to employ Mr. Ryan as the Company's President and Chief Executive Officer, with an annual salary of \$185,000 and an annual bonus of up to 35% of the base salary. The Company also agreed to reimburse up to \$35,000 of expenses related to executive perquisites in Mr. Ryan's first year of employment as President and Chief Executive Officer, and up to \$12,000 for such expenses in each subsequent year of employment. Mr. Ryan will receive a relocation assistance payment of up to \$100,000 if he is required to relocate his residence due to the relocation of the Company's headquarters. If Mr. Ryan's employment is terminated by the Company within two years of such a relocation, for any reason other than for cause, disability, retirement, resignation or death, then Mr. Ryan is entitled to payment of his base salary for up to 36 weeks. Mr. Ryan's employment is terminable at will.

Pursuant to a letter agreement between Brian O'Higgins and NTL, on behalf of the Company, dated as of November 18, 1996, the Company agreed to employ Mr. O'Higgins as the Company's Executive Vice President, Technology, with an annual salary of CDN\$130,000. Mr. O'Higgins was appointed as the Company's Executive Vice President and Chief Technology Officer in December 1996, and in September 1997 his annual salary was increased to CDN\$160,000. Upon termination of his employment without just cause, Mr. O'Higgins will be entitled to payment of his base salary for 12 months, plus an allowance of CDN\$10,000 for benefits. Mr. O'Higgins has agreed not to compete against the Company for 12 months following the termination of his employment with the Company.

Pursuant to a letter agreement between Bradley N. Ross and NTL, on behalf of the Company, dated as of November 18, 1996, the Company agreed to employ Mr. Ross as the Company's Executive Vice President, Marketing and Product Line Management, with an annual salary of CDN\$130,000. Mr. Ross currently serves as the Company's President of European Operations. In September 1997, Mr. Ross' annual salary was increased to CDN\$160,000. Upon termination of his employment without just cause, Mr. Ross will be entitled to payment of his base salary for 12 months, plus an allowance of CDN\$10,000 for benefits. Mr. Ross has agreed not to compete against the Company for 12 months following the termination of his employment with the Company.

Pursuant to a letter agreement between Richard D. Spurr and the Company, dated as of June 4, 1997, the Company agreed to employ Mr. Spurr as the Company's Vice President of Global Sales, with an annual salary of \$125,000. Mr. Spurr currently serves as the Company's Senior Vice President, Sales and Marketing. Mr. Spurr is also eligible to receive up to \$125,000 through the Company's sales incentive program. Mr. Spurr's employment is terminable at will.

Pursuant to a letter agreement between Michele L. Axelson and the Company, dated as of July 2, 1998, the Company agreed to employ Ms. Axelson as the Company's Senior Vice President, Finance and Business Development and Chief Financial Officer, with an annual salary of \$150,000 and a signing bonus of \$25,000, payable in two installments on the date of the letter and September 11, 1998. In addition, the Company loaned \$375,000 to Ms. Axelson pursuant to a demand note dated July 2, 1998 bearing interest at the rate of 6% per year. Under the terms of the letter agreement, the principal and interest on the loan will be repaid in four annual installments, and the Company may forgive any such installment based on Ms. Axelson's successful performance of her duties during the preceding year, as determined by the Chief Executive Officer. The Company has also granted to Ms. Axelson an option to purchase up to 300,000 shares of Common Stock of the Company. The vesting of 50% of any unvested shares under the option will be accelerated if Ms. Axelson's employment as Chief Financial Officer is terminated within one year following an Acquisition Event (as defined in the Incentive Plan, described below). Ms. Axelson's employment is terminable at will.

# STOCK PLANS

### AMENDED AND RESTATED 1996 STOCK INCENTIVE PLAN

The Company's Amended and Restated 1996 Stock Incentive Plan (the "Incentive Plan") was adopted by the Board of Directors and approved by the stockholders of the Company in December 1996. The Incentive Plan was amended and restated by the Board in June 1998, and such amendment and restatement was approved by the stockholders in July 1998. The Incentive Plan was further amended by the Board of Directors in July 1998. Up to 9,600,000 shares of Common Stock (subject to adjustment in the event of stock splits and other similar events) may be issued pursuant to awards granted under the Incentive Plan.

The Incentive Plan provides for the grant of incentive stock options intended to qualify under Section 422 of the Internal Revenue Code of 1986, as amended (the "Code"), nonstatutory stock options, restricted stock awards and other stock-based awards (collectively, "Awards").

Officers, employees, directors, consultants and advisors of the Company and its subsidiaries (collectively, "Participants") are eligible to receive Awards under the Incentive Plan, provided such consultants render bona fide services not in connection with an offer or sale of securities in a capital raising transaction. Under present law, however, incentive stock options may only be granted to employees of the Company or its subsidiaries. The maximum number of shares with respect to which an Award may be granted to any Participant under the Incentive Plan may not exceed 5,000,000 shares per calendar year.

Participants who are granted options under the Incentive Plan receive the right to purchase a specified number of shares of Common Stock at a specified option price and subject to such other terms and conditions as are specified in connection with the option grant. Options may be granted at an exercise price which may be less than, equal to or greater than the fair market value of the Common Stock on the date of grant. Under present law, incentive stock options and options intended to qualify as performance-based compensation under Section 162(m) of the Code may not be granted at an exercise price less than the fair market value of the Common Stock on the date of grant (or less than 110% of the fair market value in the case of incentive stock options granted to optionees holding

more than 10% of the voting power of the Company). The Incentive Plan permits the Board of Directors to determine the manner of payment of the exercise price of options, including payment by cash, check or in connection with a "cashless exercise" through a broker, by surrender to the Company of shares of Common Stock, by delivery to the Company of a promissory note or by any combination of the permitted forms of payment.

The Incentive Plan is administered by the Board of Directors. The Board of Directors has the authority to adopt, amend and repeal the administrative rules, guidelines and practices relating to the Incentive Plan and to interpret the provisions thereof. Pursuant to the terms of the Incentive Plan, the Board of Directors may delegate authority under the Incentive Plan to one or more committees of the Board of Directors and, subject to certain limitations, to one or more executive officers of the Company. The Board of Directors has authorized the Compensation Committee to administer the Incentive Plan, including the granting of options to executive officers. Subject to any applicable limitations contained in the Incentive Plan, the Board of Directors delegates authority, as the case may be, selects the recipients of Awards and determines (i) the number of shares of Common Stock subject to any restricted stock or other stock-based Awards and the terms and conditions of such Awards, including any conditions for repurchase, the issue price and repurchase price.

In the event of a merger, liquidation or other Acquisition Event (as defined in the Incentive Plan), the Incentive Plan authorizes the Board of Directors to provide (i) that outstanding options be assumed or substituted by the succeeding corporation, (ii) that unexercised options become exercisable in full immediately prior to the consummation of the Acquisition Event, (iii) for a cash payment to holders of outstanding options, followed by the termination of such options, in certain circumstances, (iv) that all restricted stock awards become free of all restrictions prior to the consummation of the Acquisition Event or (v) that other stock-based Awards (x) become exercisable, realizable or vested in full immediately prior to the consummation of the Acquisition Event or (y) be assumed or substituted by the succeeding corporation.

No Award may be granted under the Incentive Plan after December 2006, but the vesting and effectiveness of Awards previously granted may extend beyond that date. The Board of Directors may at any time amend, suspend or terminate the Incentive Plan, except that no Award granted after an amendment of the Incentive Plan and designated as subject to Section 162(m) of the Code by the Board of Directors shall become exercisable, realizable or vested (to the extent such amendment was required to grant such Award) unless and until such amendment is approved by the Company's stockholders.

# **1998 EMPLOYEE STOCK PURCHASE PLAN**

The Company's 1998 Employee Stock Purchase Plan (the "Purchase Plan") was adopted by the Board of Directors in July 1998 and approved by the stockholders of the Company in August 1998. The Purchase Plan authorizes the issuance of up to a total of 400,000 shares of Common Stock to participating employees.

All employees of the Company, including directors of the Company who are employees, and all employees of any participating subsidiaries whose customary employment is more than 20 hours per week and more than five months in any calendar year are eligible to participate in the Purchase Plan. Employees who would immediately after the grant own 5% or more of the total combined voting power or value of the stock of the Company or any subsidiary are not eligible to participate in the Purchase Plan. So of June 30, 1998, approximately 295 of the Company's employees would have been eligible to participate in the Purchase Plan.

On the first day of a designated payroll deduction period (the "Offering Period"), the Company will grant to each eligible employee who has elected to participate in the Purchase Plan an option to purchase shares of Common Stock as follows: the employee may authorize a payroll deduction in any dollar amount up to a maximum of 10% of such employee's base pay to be deducted by the Company from such employee's base pay during the Offering Period. On the last day of the Offering Period, the employee is deemed to have exercised the option, at the option exercise price, to the extent of accumulated payroll deductions. Under the terms of the Purchase Plan, the option exercise price per share is an amount equal to 90%, or such other percentage as may be determined by the Board of Directors consistent with the requirements of the Code, of the fair market value of the Common Stock on either the first day or the last day of the Offering Period, whichever is lower. Such fair market value shall be determined by the Board of Directors in a manner consistent with the requirements of the Code. In no event may an employee purchase in any one Offering Period a number of shares which exceeds the number of shares determined by dividing (i) the product of \$2,083 and the number of whole months in such Offering Period by (ii) the closing price on the commencement date of the Offering Period or such other number as may be determined by the Board of Directors prior to such commencement date. The Compensation Committee may, in its discretion, choose an Offering Period of 12 months or less for each offering and choose a different offering Period for each Offering.

If an employee is not a participant on the last day of the Offering Period, such employee is not entitled to exercise any option, and the amount of such employee's accumulated payroll deductions will be refunded. An employee's rights under the Purchase Plan terminate upon voluntary withdrawal from the Purchase Plan at any time, or when such employee ceases employment for any reason, except that upon termination of employment because of death, the balance in the employee's account shall be paid to the employee's beneficiary. An employee may at any time prior to the close of business on the last day in an Offering Period withdraw from the offering and draw out the entire balance accumulated in the employee's account. Partial withdrawals are not permitted. The employee may not begin participation again during the remainder of the Offering Period, but may participate in any subsequent offering in accordance with terms and conditions established by the Board or the Compensation Committee. Rights under the Purchase Plan are not transferable by an employee other than by will or the laws of descent and distribution.

The Purchase Plan terminates on July 21, 2000 or such earlier date as the Board determines. Upon termination of the Purchase Plan all amounts in the accounts of participating employees will be promptly refunded.

Because participation in the Purchase Plan is voluntary, the Company cannot presently determine the number of shares of Common Stock to be purchased by any particular current executive officer, by all current executive officers as a group or by non-executive employees as a group.

# COMPENSATION COMMITTEE INTERLOCKS AND INSIDER PARTICIPATION

Messrs. Archibald and Morris served during the year ended December 31, 1997 as members of the Compensation Committee of the Board of Directors. No executive officer of the Company has served as director or member of the compensation committee (or other committee serving an equivalent function) of any other entity, any of whose executive officers serve as a director of or member of the Compensation Committee of the Board of Directors. See "Certain Transactions" for a description of transactions between the Company and affiliates of Mr. Archibald.

#### CERTAIN TRANSACTIONS

In connection with the incorporation and financing of the Company in December 1996 and January 1997 (the "Financing"), the Company entered into an asset transfer agreement with NTI (the "NTI Transfer Agreement"). In addition, the Canadian Subsidiary entered into an asset transfer agreement with NTL (the "NTL Transfer Agreement"). Messrs. Archibald, Conner and Dunn are officers of Nortel, and, as Mr. Conner's compensation from Nortel is based in part upon the Company's results of operations, Mr. Conner may be deemed to have an indirect material interest in the transactions between the Company and Nortel.

Under the NTI Transfer Agreement, NTI received 20,300,000 shares of Common Stock, an unsecured demand note in the amount of \$8.0 million and the assumption of certain liabilities by the Company in consideration for the transfer to the Company of an exclusive license to exploit the intellectual property rights transferred to the Canadian Subsidiary within the United States, NTI's interest in executory contracts with distributors and customers licensing Entrust products, equipment used by employees and contractors dedicated to the Company's business and the records relating to the Company's business. Prior to the execution of the NTI Transfer Agreement, the Company was a division of Nortel and all of the officers of the Company were employees of Nortel. Accordingly, the purchase price was not arrived at by an arm's- length negotiation between Nortel and the Company. Rather, as part of the Financing, Nortel determined that the consideration to be paid for its Entrust business would be the net book value of the assets being transferred, which the Company believes was the fair market value of the Entrust business at the time of transfer.

Under the NTL Transfer Agreement, NTL received 7,700,000 Exchangeable Special Shares of the Canadian Subsidiary (which stock is convertible into shares of the Common Stock of the Company), one share of common stock of the Canadian Subsidiary and the assumption of certain liabilities by the Company in exchange for NTL's worldwide intellectual property rights underlying the Entrust products (subject to the license of NTI and certain exceptions, see "Business--Intellectual Property"), the inventory of the Company's business, all executory contracts with suppliers, distributors and customers licensing Entrust products (other than NTI's interest therein), and all personal property and fixtures used by its employees and contractors dedicated to the Company's business (other than NTI employees and contractors). Prior to the execution of the NTL Transfer Agreement, the Company was a division of Nortel and all of the officers of the Company were employees of Nortel. Accordingly, the purchase price was not arrived at by an arm's-length negotiation between Nortel and the Company. Rather, as part of the Financing, Nortel determined that the consideration to be paid for its Entrust business would be the net book value of the assets being transferred, which the Company believes was the fair market value of the Entrust business at the time of transfer. The Company also issued 7,700,000 shares of Special Voting Stock to NTL in connection with this transaction. Pursuant to the terms of the Articles of Incorporation of the Canadian Subsidiary, a holder of Exchangeable Special Shares may exchange such shares for Common Stock at any time, on a one-for-one basis, by delivering the certificates representing the Exchangeable Shares together with certificates representing an equal number of shares of Special Voting Stock to the Canadian Subsidiary. NTL received Exchangeable Special Shares from the Canadian Subsidiary and shares of Special Voting Stock from the Company in order to minimize Canadian taxes at the time of NTL's contribution of assets under the NTL Transfer Agreement.

The Company entered into a strategic alliance agreement (the "Strategic Alliance Agreement") pursuant to which it granted to NTL for three years, or as long as the Company is controlled by NTL, whichever is longer, the right to distribute Entrust products on terms no less favorable to NTL than the terms of the agreements then in effect with other resellers of the Company. The Company granted to NTL for three years, or as long as the Company is controlled by NTL, whichever is longer, a royalty-bearing license to use and modify the Company's source code in NTL products on terms no less

favorable to NTL than those offered to other source code licensees. NTL granted to the Company and the Company granted to NTL world-wide, royalty-free licenses to use, sell or license any of the grantor's products or services, excluding existing exclusive licenses, until the grant expires or NTL ceases to control the Company, whichever comes first. In addition, NTL may restrict the Company, for so long as NTL maintains beneficial ownership of a majority of the voting power of the Company, from any act which may reasonably be anticipated to contravene any material instrument binding on Nortel, any order of any governmental body which has jurisdiction over Nortel or any of its assets, or any applicable law or regulation. Upon the closing of the Offerings, Nortel will beneficially own approximately 55.3% of the Company's Common Stock. See "Risk Factors--Concentration of Ownership".

In connection with the Financing, the Company and NTL entered into an intercompany services and operating agreement (the "Services Agreement") with respect to services offered by NTL to the Company. The Services Agreement provides that such services will be provided in exchange for fees (based upon allocation of its current costs for such services not to exceed fair market value), which management of the Company believes are substantially consistent with the allocation of the costs of such services set forth in the historical financial statements of the Company. The Company paid \$2.9 million, \$3.7 million and \$273,000 in the years ended December 31, 1995, 1996 and 1997, respectively, for research and development services provided by Bell Northern Research Ltd., a subsidiary of Nortel. During the year ended December 31, 1997, the Company paid Nortel \$299,000 for services rendered and reimbursed Nortel \$5.6 million for expenses paid by Nortel on behalf of the Company, net of revenues collected by Nortel on the Company's behalf.

In connection with the Financing, in January 1997, the Company sold 257,500 shares of Series B Common Stock to a group of private investors for an aggregate sale price of \$25,750,000. In January 1997, the Company also sold 2,500 shares of Series B Non-Voting Common Stock to a private investor for an aggregate sale price of \$250,000 and issued an additional 36,448 shares of Series B Non-Voting Common Stock to such investor in exchange for an equivalent number of shares of Series B Common Stock.

The Company has adopted a policy providing that all material transactions between the Company and its officers, directors and other affiliates must (i) be approved by a majority of the members of the Company's Board of Directors and by a majority of the disinterested members of the Company's Board of Directors and (ii) be on terms no less favorable to the Company than could be obtained from unaffiliated third parties.

For a description of certain employment and other arrangements between the Company and its executive officers, see "Management--Employment Agreements".

#### PRINCIPAL AND SELLING STOCKHOLDERS

The following table sets forth certain information regarding the beneficial ownership of the Common Stock of the Company as of June 30, 1998, by (i) each person or entity known to the Company to own beneficially more than 5% of the Common Stock, (ii) each of the directors of the Company, (iii) each of the Named Executive Officers, (iv) each of the Selling Stockholders and (v) all directors and executive officers as a group. Unless otherwise indicated, each person or entity named in the table has sole voting power and investment power (or shares such power with his or her spouse) with respect to all shares of capital stock listed as owned by such person or entity.

	SHARES BENEFICIALLY OWNED PRIOR TO OFFERINGS(1)		FOR SALE(2)	SHARES TO BE BENEFICIALLY OWNED AFTER OFFERINGS(1)(2)	
NAME OF BENEFICIAL OWNER	NUMBER	PERCENTAGE		NUMBER	PERCENTAGE
Northern Telecom Limited(3) 8200 Dixie Road, Suite 100 Brampton, Ontario L6T 5P6	28,000,000		1,665,542	26,334,458	
Olympus Partners(4) Metro Center, 1 Station Place Stamford, CT 06902 Morgan Guaranty Trust Company of	5,034,553	11.9	299,017	4,735,536	9.9
New York as Trustee, and/or Investment Manager and/or Agent(5) 522 Fifth Avenue New York, NY 10036 Societe Generale	3,517,186	8.3	209,215	3,307,971	6.9
Investment Corporation(6) 1221 Avenue of the Americas New York, NY 10020	2,512,276	5.9	103,229	2,409,047	5.1
Orchid & Co., nominee for T. Rowe Price Threshold Fund III,					
L.P.(7)	1,507,366	3.6	89,664	1,417,702	3.0
John A. Ryan(8)	578,320	1.4		578,320	1.2
Brian O'Higgins(9)	240,960	*		240,960	*
Bradley N. Ross(10)	240,960	*		240,960	*
Richard D. Spurr(11)	176,000	*		176,000	*
David D. Archibald		*			*
F. William Conner		*			*
Frank A. Dunn		*			*
Robert S. Morris(12) All executive officers and directors as a group (10	5,034,553	11.9	299,017	4,735,536	9.9
persons)(13)	6,370,793	14.6	299,017	6,071,776	12.4

\* Less than 1%

(1) The number of shares of Common Stock outstanding prior to the Offerings includes (i) 42,243,164 shares of Common Stock outstanding as of June 30, 1998 and (ii) with respect to each person, the shares issuable by the Company pursuant to options held by such persons which may be exercised within 60 days following June 30, 1998 ("Presently Exercisable Options"). The number of shares beneficially owned by each stockholder is determined under rules promulgated by the

Securities and Exchange Commission, and the information is not necessarily indicative of beneficial ownership for any other purpose. Under such rules, beneficial ownership includes any shares as to which the individual or entity has sole or shared voting

power or investment power and any shares as to which the individual or entity has the right to acquire beneficial ownership within 60 days after June 30, 1998 through the exercise of any stock option, warrant or other right. The inclusion herein of such shares, however, does not constitute an admission that the named stockholder is a direct or indirect beneficial owner of such shares.

(2) Assumes no exercise of the Underwriters' over-allotment option.

(3) The number of shares of Common Stock deemed outstanding prior to the Offerings consists of (i) 20,300,000 shares held of record by NTI and

(ii) 7,700,000 shares of Common Stock issuable upon the exchange of Exchangeable Shares of the Canadian Subsidiary. The number of shares of Common Stock offered for sale consists of 1,665,542 shares of Common Stock issuable upon the exchange of Exchangeable Shares of the Canadian Subsidiary offered for sale by NTL. NTL beneficially owns, and has sole voting and investment power with respect to, the shares of Common Stock held of record by NTI. Exchangeable Shares may be exchanged at any time for Common Stock. See "Certain Transactions". In addition to the number of shares shown as offered for sale in the table, NTL has granted the Underwriters the right to purchase up to an additional 877,169 shares pursuant to the Underwriters' over-allotment option.

(4) The number of shares of Common Stock deemed outstanding prior to the Offerings consists of (i) 50,245 shares held of record by Olympus Executive Fund, L.P., a Delaware limited partnership ("Olympus Executive"), (ii) 4,974,308 shares held of record by Olympus Growth Fund II, L.P., a Delaware limited partnership ("Olympus Growth", and with Olympus Executive, the "Olympus Funds"), and (iii) 10,000 shares subject to Presently Exercisable Options granted to Robert S. Morris. The number of shares of Common Stock offered for sale consists of (i) 2,991 shares offered for sale by Olympus Executive and (ii) 296,026 shares offered for sale by Olympus Growth. Olympus Partners may be deemed to have or share voting and investment power with respect to all shares of Common Stock held of record by the Olympus Funds. Shares subject to Presently Exercisable Options partners, are assignable to Olympus Growth. In addition to the number of shares shown as offered for sale in the table, Olympus Executive and Olympus Growth have granted the Underwriters the right to purchase up to an additional 586 shares and 58,067 shares, respectively, pursuant to the Underwriters' over-allotment option.

(5) The number of shares of Common Stock deemed outstanding prior to the Offerings consists of (i) 2,743,406 shares held of record by Morgan Guaranty Trust Company of New York, as Trustee of the Commingled Pension Trust Fund (Multi-Market Special Investment Fund II) of Morgan Guaranty Trust Company of New York as Trustee of the Multi-Market Special Investment Trust Fund of Morgan Guaranty Trust Company of New York as Trustee of the Multi-Market Special Investment Trust Fund of Morgan Guaranty Trust Company of New York as Trustee of the Multi-Market Special Investment Trust Fund of Morgan Guaranty Trust Company of New York ("Morgan Trust II") and (iii) 386,890 shares held of record by Morgan Guaranty Trust Company of New York ("Morgan Trust II") and (iii) 386,890 shares held of record by Morgan Guaranty Trust Company of New York (intervention of the Agent for a private client ("Morgan Trust III"). The number of shares of Common Stock offered for sale consists of (i) 163,189 shares offered for sale by Morgan Trust I, (ii) 23,013 shares offered for sale by Morgan Trust II and (iii) 23,013 shares offered for sale by Morgan Trust III and (iii) 23,013 shares offered for sale by Morgan Trust III have granted the Underwriters the right to purchase up to an additional 85,944 shares, 12,120 shares and 12,120 shares, respectively, pursuant to the Underwriters' over-allotment option.

(6) In addition to the number of shares shown as offered for sale in the table, Societe Generale Investment Corporation has granted the Underwriters the right to purchase up to an additional 71,772 shares pursuant to the Underwriters' over-allotment option.

(7) In addition to the number of shares shown as offered for sale in the table, Orchid & Co. has granted the Underwriters the right to purchase up to an additional 47,222 shares pursuant to the Underwriters' over- allotment option.

- (8) Consists of 578,320 shares subject to Presently Exercisable Options.
- (9) Consists of 240,960 shares subject to Presently Exercisable Options.
- (10) Consists of 240,960 shares subject to Presently Exercisable Options.
- (11) Consists of 176,000 shares subject to Presently Exercisable Options.

(12) The number of shares of Common Stock deemed outstanding prior to the Offerings consists of (i) 5,024,553 shares held of record by the Olympus Funds and (ii) 10,000 shares subject to Presently Exercisable Options. The number of shares of Common Stock offered for sale consists of 299,017 shares offered for sale by the Olympus Funds. Mr. Morris, the managing partner of Olympus Partners, may be deemed to have or share voting and investment power with respect to all shares of Common Stock held of record by the Olympus Funds. Mr. Morris disclaims beneficial ownership of all shares held of record by the Olympus Funds. In addition to the number of shares shown as offered for sale in the table, the Olympus Funds have granted the Underwriters the right to purchase up to an additional 58,653 shares pursuant to the Underwriters' over-allotment option.

(13) The number of shares of Common Stock deemed outstanding prior to the Offerings consists of (i) 5,024,553 shares held of record by the Olympus Funds and (ii) 1,346,240 shares subject to Presently Exercisable Options. The number of shares of Common Stock offered for sale consists of 299,017 shares offered for sale by the Olympus Funds. In addition to the number of shares shown as offered for sale in the table, the Olympus Funds have granted the Underwriters the right to purchase up to an additional 58,653 shares pursuant to the Underwriters' over-allotment option. See footnotes (8)--(12) above.

# **DESCRIPTION OF CAPITAL STOCK**

The authorized capital stock of the Company consists of 100,000,000 shares of Common Stock, 15,000,000 shares of special voting stock, \$.01 par value per share ("Special Voting Stock"), and 5,000,000 shares of preferred stock, \$.01 par value per share ("Preferred Stock"). As of June 30, 1998, there were 34,543,164 shares of Common Stock outstanding held by 22 stockholders and 7,700,000 shares of Special Voting Stock held by one stockholder. Upon the closing of the Offerings there will be 41,608,706 shares of Common Stock, 6,034,458 shares of Special Voting Stock and no shares of Preferred Stock outstanding.

The following summary of certain provisions of the Company's Common Stock, Special Voting Stock, Preferred Stock, Articles of Incorporation and Bylaws is materially complete but is qualified by reference to the provisions of applicable law and to the Company's Amended and Restated Articles of Incorporation (the "Articles of Incorporation"), Amended and Restated Bylaws (the "Bylaws") and other agreements included as exhibits to the Registration Statement of which this Prospectus is a part. See "Additional Information".

# COMMON STOCK

Holders of Common Stock are entitled to one vote for each share held on all matters submitted to a vote of stockholders and do not have cumulative voting rights. Holders of Common Stock are entitled to receive ratably such dividends, if any, as may be declared by the Board of Directors out of funds legally available therefor, subject to any preferential dividend rights of outstanding Preferred Stock. Upon the dissolution or liquidation of the Company, subject to the prior rights of any outstanding Preferred Stock, the holders of Common Stock are entitled to receive ratably the net assets of the Company available after the payment of all debts and other liabilities. Holders of Common Stock have no preemptive, subscription or redemption rights. The outstanding shares of Common Stock are, and the shares of Common Stock offered by the Company in the Offerings will be, when issued and paid for, fully paid and nonassessable. The rights, preferences and privileges of holders of Common Stock are subject to, and may be adversely affected by, the rights of the holders of shares of any series of Preferred Stock which the Company may designate and issue in the future. Certain holders of Common Stock have the right to require the Company to effect the registration of their shares of Common Stock in certain circumstances. See "--- Registration Rights".

At present, there is no established trading market for the Common Stock. Application has been made for the quotation of the Common Stock on the Nasdaq National Market under the symbol "ENTU".

# SPECIAL VOTING STOCK

The holders of Special Voting Stock are entitled to one vote for each share held on all matters submitted to a vote of stockholders and do not have cumulative voting rights. Except for such voting rights, the holders of Special Voting Stock have no other rights in respect of such shares, including without limitation rights to receive dividends or rights to receive assets of the Company upon its dissolution, liquidation or winding up of its affairs.

In connection with the incorporation of the Canadian Subsidiary and the Company, NTL was issued Exchangeable Shares of the Canadian Subsidiary. The holder of Exchangeable Shares may exchange such shares for shares of the Company's Common Stock at any time on or prior to December 31, 2006, on a one- for-one basis. In addition, the Company generally has the right to demand such exchange at any time on or prior to December 31, 2006. See "Certain Transactions".

# PREFERRED STOCK

Under the terms of the Articles of Incorporation, the Board of Directors is authorized, subject to any limitations prescribed by law, without stockholder approval, to issue up to 5,000,000 shares of Preferred Stock in one or more series. Each such series of Preferred Stock shall have such rights, preferences, privileges and restrictions, including voting rights, dividend rights, conversion rights, redemption privileges and liquidation preferences, as shall be determined by the Board of Directors. The purpose of authorizing the Board of Directors to issue Preferred Stock and determine its rights and preferences is to eliminate delays associated with a stockholder vote on specific issuances. The issuance of Preferred Stock, while providing desirable flexibility in connection with possible acquisitions and other corporate purposes, could have the effect of making it more difficult for a third party to acquire, or of discouraging a third party from acquiring, a majority of the outstanding voting stock of the Company. The Company has no present plans to issue any shares of Preferred Stock.

# MARYLAND LAW AND CERTAIN CHARTER AND BYLAW PROVISIONS

Under Section 3-601 et seq. of the General Corporation Law of Maryland (the "Maryland Law") (the "Business Combination Statute"), to which the Company is subject, certain "business combinations" (including mergers or similar transactions subject to a statutory stockholder vote and additional transactions involving transfers of assets or securities in specific amounts) between a Maryland corporation subject to the Business Combination Statute and

(i) any person who beneficially owns, directly or indirectly, 10% or more of the voting power of the corporation's outstanding voting shares after the date on which the corporation had 100 or more beneficial owners of its stock or

(ii) any affiliate or associate of the corporation who, at any time within the preceding two years and after the date on which the corporation had 100 or more beneficial owners of its stock, was the beneficial owner, directly or indirectly, of 10% or more of the voting power of the then-outstanding voting stock of the corporation (an "Interested Stockholder"), or an affiliate thereof, are prohibited for five years after the most recent date on which the Interested Stockholder became an Interested Stockholder unless an exemption is available. Thereafter, any such business combination must be recommended by the board of directors of the corporation and approved by the affirmative vote of at least: (i) 80% of the votes entitled to be cast by all holders of outstanding voting shares of the corporation; and (ii) two-thirds of the votes entitled to be cast by holders of outstanding voting shares of the corporation other than shares held by the Interested Stockholder with whom the business combination is to be effected, unless the corporation's stockholders receive a minimum price (as described in the Business Combination Statute) for their shares and the consideration is received in cash or in the same form as previously paid by the Interested Stockholder for its shares. The Business Combination Statute does not apply, however, to business combinations that are

(a) exempted in the corporation's charter prior to the time the corporation became subject to the Business Combination Statute or (b) approved or exempted by the board of directors prior to the time that the Interested Stockholder becomes an Interested Stockholder. After a corporation becomes subject to the Business Combination Statute, in order to amend the corporation's charter to elect not to be subject to the foregoing requirements with respect to one or more Interested Stockholders, the affirmative vote of at least 80% of the votes entitled to be cast by all holders of outstanding shares of voting stock and two-thirds of the votes entitled to be cast by holders of outstanding shares of voting stock who are not Interested Stockholders is required. The Company's Articles of Incorporation provide that business combinations between the Company and any of NTL, NTI, affiliates of NTL or NTI, or the successors or assigns of NTL, NTI or their affiliates are exempt from the provisions of the Business Combination Statute.

Section 3-701 et seq. of the Maryland Law (the "Control Share Acquisition Statute") provides that "control shares" of a Maryland corporation acquired in a "control share acquisition" have no voting rights except to the extent approved by a vote of two-thirds of the votes entitled to be cast on the matter, excluding shares of stock owned by the acquiror or by officers or directors who are

employees of the corporation. The Company's Articles of Incorporation generally exempt the applicability of the Control Share Acquisition Statute to any control share acquisition of any shares of the capital stock of the Company.

The Business Combination Statute and the Control Share Acquisition Statute could have the effect of discouraging takeover proposals and delaying or preventing a change of control of the Company not approved by its Board of Directors.

The Articles of Incorporation provide for the division of the Board of Directors into three classes as nearly equal in size as possible with staggered three-year terms. See "Management--Executive Officers and Directors". The Articles of Incorporation also provide that directors may be removed only for cause by the affirmative vote of the holders of two-thirds of the shares of capital stock of the Company entitled to vote. Under the Articles of Incorporation, any vacancy on the Board of Directors, however occurring, including a vacancy resulting from an enlargement of the Board of Directors and filling of vacancies could have the effect of making it more difficult for a third party to acquire, or of discouraging a third party from acquiring, control of the Company.

Maryland Law provides generally that the affirmative vote of two-thirds or a majority of the shares entitled to vote on any matter is required to amend a corporation's articles of incorporation unless a corporation's articles of incorporation requires a greater percentage. The Company's Articles of Incorporation require the affirmative vote of the holders of at least 75% of the shares of capital stock of the Company issued and outstanding and entitled to vote to amend or repeal any of the provisions described in the previous paragraph.

The Articles of Incorporation also provide that any action required or permitted to be taken by the stockholders of the Company at an annual meeting of stockholders may only be taken if it is properly brought before such meeting. The Bylaws further provide that special meetings of the stockholders may only be called by the President, the Board of Directors or the Secretary upon the request of 50% of the shares of capital stock of the Company entitled vote. Under the Bylaws, in order for any matter to be considered "properly brought" before an annual meeting, a stockholder must comply with certain requirements regarding advance notice to the Company. These provisions may discourage another person or entity from making a tender offer for the Common Stock, because such person or entity, unless it acquired at least 50% of the outstanding voting securities of the Company, would be able to take action as a stockholder (such as electing new directors or approving a merger) only at the annual meeting of stockholders.

The Articles of Incorporation contain certain provisions permitted under the Maryland Law relating to the liability of directors and officers. The provisions eliminate a director's or officer's liability for monetary damages to a corporation or its stockholders, except to the extent the director or officer actually received an improper benefit or profit or the director's or officer's action was the result of active and deliberate dishonesty. Further, the Articles of Incorporation contain provisions to indemnify the Company's directors and officers to the fullest extent permitted by the Maryland Law. The Company believes that these provisions will assist the Company in attracting and retaining qualified individuals to serve as directors.

# **REGISTRATION RIGHTS**

Pursuant to an Amended and Restated Registration Rights Agreement (the "Registration Rights Agreement") among the Company, NTI, NTL (NTL and NTI collectively referred to as the "Nortel Stockholders") and certain of its stockholders (the "Investors", and with the Nortel Stockholders, the "Rightsholders"), such Rightsholders will be entitled to certain rights with respect to the registration under the Securities Act of a total of approximately 38,697,169 shares of Common Stock (the "Registrable Shares").

The Nortel Stockholders as well as Investors holding in the aggregate at least 35% of the Registrable Shares initially held by all Investors may each require the Company to prepare and file a registration statement under the Securities Act with respect to their Registrable Shares if such registration would result in an offering with an aggregate offering price of at least \$5.0 million. The Nortel Stockholders and the Investors are entitled to three and two demand registration requests, respectively. The Company is not required to file a demand registration statement for one year following the effective date of the Offerings or within six months after the effective date of any other registration statement, subject to certain restrictions.

If the Company proposes to register any of its securities under the Securities Act, the Rightsholders will be entitled to include Registrable Shares in such offering, subject to the right of the managing underwriter of any underwritten offering to limit for marketing reasons the number of shares of Registrable Shares included in the offering. See "Shares Eligible for Future Sale".

# TRANSFER AGENT AND REGISTRAR

The transfer agent and registrar for the Common Stock will be American Securities Transfer & Trust, Inc.

#### SHARES ELIGIBLE FOR FUTURE SALE

Prior to the Offerings, there has been no public market for the securities of the Company. Upon completion of the Offerings there will be 47,643,164 shares of Common Stock of the Company outstanding (assuming no exercise of the outstanding options of the Company). Of these shares, the 7,766,667 shares sold in the Offerings will be freely tradeable without restriction or further registration under the Securities Act, except that any shares purchased by "affiliates" of the Company, as that term is defined in Rule 144 ("Rule 144") under the Securities Act ("Affiliates"), may generally only be sold in compliance with the limitations of Rule 144 described below, and that shares purchased by Zeron Capital, Odyssey and certain officers and directors of the Company are subject to Lock-Up Agreements as described in "Underwriting".

The remaining 39,876,497 shares of Common Stock are deemed "restricted securities" under Rule 144 and are all subject to the Lock-Up Agreements with the Representatives of the Underwriters. Upon expiration of the Lock-Up Agreements 180 days after the date of this Prospectus (and assuming no exercise of outstanding options or exchange of Exchangeable Shares), approximately 38,709,209 shares of restricted Common Stock will be available for sale in the public market, subject to the provisions of Rule 144 under the Securities Act.

The Company and all of its directors, officers, stockholders, who in the aggregate will hold approximately 39,876,497 shares of Common Stock on the date of this Prospectus, as well as holders of options to purchase Company Common Stock, have agreed, pursuant to Lock-Up Agreements with the Representatives of the Underwriters or, in the case of the option holders, pursuant to stock option agreements with the Company, that, without the prior written consent of Goldman, Sachs & Co., for a period of 180 days after the date of this Prospectus, they will not offer, sell, contract to sell or otherwise dispose of any shares of Common Stock, or any shares convertible into or exchangeable for shares of Common Stock, owned directly by such persons or with respect to which they have the power of disposition. Goldman, Sachs & Co. may release all or part of the shares subject to the Lock-Up Agreements at any time in its sole discretion.

In general, under Rule 144 as currently in effect, beginning 90 days after the effective date of the Registration Statement of which this Prospectus is a part, a stockholder, including an Affiliate, who has beneficially owned his or her restricted securities (as that term is defined in Rule 144) for at least one year from the later of the date such securities were acquired from the Company or (if applicable) the date they were acquired from an Affiliate is entitled to sell, within any three-month period, a number of such shares that does not exceed the greater of 1% of the then outstanding shares of Common Stock (approximately 476,432 shares immediately after the Offerings) or the average weekly trading volume in the Common Stock during the four calendar weeks preceding the date on which notice of such sale was filed under Rule 144, provided certain requirements concerning availability of public information, manner of sale and notice of sale are satisfied. In addition, under Rule 144(k), if a period of at least two years has elapsed between the later of the date restricted securities were acquired from the Company or (if applicable) the date they were acquired from an Affiliate of the Company, a stockholder who is not an Affiliate of the Company at the time of sale and has not been an Affiliate of the Company for at least three months prior to the sale is entitled to sell the shares immediately without compliance with the foregoing requirements under Rule 144.

Securities issued in reliance on Rule 701 (such as shares of Common Stock acquired pursuant to the exercise of certain options granted under the Company's stock plans) are also restricted securities and, subject to the Lock-Up Agreements, beginning 90 days after the effective date of the Registration Statement of which this Prospectus is a part, may be sold by stockholders other than Affiliates of the Company so long as such sales comply with the manner of sale provisions of Rule 144 and by Affiliates under Rule 144 without compliance with its one-year holding period requirement.

The Company intends to file registration statements on Form S-8 under the Securities Act to register all shares of Common Stock issuable under the Incentive Plan and the Purchase Plan. Shares issued upon the exercise of stock options after the effective date of the Form S-8 registration statements will be eligible for resale in the public market without restriction, subject to Rule 144 limitations applicable to Affiliates and the Lock-Up Agreements noted above, if applicable.

Prior to the Offerings, there has been no public market for the Common Stock, and no prediction can be made as to the effect, if any, that market sales of shares of Common Stock or the availability of shares for sale will have on the market price of the Common Stock prevailing from time to time. Nevertheless, sales of significant numbers of shares of the Common Stock in the public market could adversely affect the market price of the Common Stock and could impair the Company's future ability to raise capital through an offering of its equity securities.

Pursuant to the Registration Rights Agreement, certain holders of Common Stock, holding an aggregate of 38,697,169 shares of Common Stock, will have the ability to require the Company to register their shares of Common Stock, subject to certain restrictions. See "Description of Capital Stock-- Registration Rights".

### CERTAIN U.S. TAX CONSIDERATIONS APPLICABLE TO NON-U.S. HOLDERS OF THE COMMON STOCK

The following is a general discussion of certain U.S. federal income and estate tax consequences of the ownership and disposition of Common Stock by a person that, for U.S. federal income tax purposes, is a non-resident alien individual, a foreign corporation, a foreign partnership or a foreign estate or trust as defined in the U.S. Internal Revenue Code of 1986, as amended (the "Code") (a "non-U.S. holder"). This discussion does not consider specific facts and circumstances that may be relevant to a particular non-U.S. holder's tax position and does not deal with all aspects of United States federal income and estate taxation that may be relevant to non-U.S. holders (including special rules applicable to certain United States expatriates), or with U.S. state and local or non-U.S. tax consequences. Furthermore, the following discussion is based on provisions of the Code, existing and proposed regulations promulgated thereunder, and administrative and judicial interpretations thereof as of the date hereof, all of which are subject to change, possibly with retroactive effect. Each prospective non-U.S. holder is urged to consult a tax adviser with respect to the U.S. federal tax consequences of holding and disposing of Common Stock, as well as any tax consequences that may arise under the laws of any U.S. state, municipality or other taxing jurisdiction.

An individual may, among other ways, be deemed to be a resident alien (as opposed to a non-resident alien) with respect to any calendar year by virtue of being present in the United States on at least 31 days in such calendar year and for an aggregate of at least 183 days during the current calendar year and the two preceding calendar years (counting for such purposes all of the days present in the current year, one-third of the days present in the immediately preceding year and one-sixth of the days present in the second preceding year). Resident aliens are subject to U.S. federal tax as if they were U.S. citizens.

## DIVIDENDS

As described above, the Company does not expect to pay dividends. In the event the Company does pay dividends, dividends paid to a non-U.S. holder of Common Stock will be subject to withholding of U.S. federal income tax at a rate of 30% of the gross amount of the dividend or such lower rate as may be specified by an applicable income tax treaty, unless the dividends are effectively connected with the conduct of a trade or business by the non-U.S. holder within the United States. Dividends that are effectively connected with such holder's conduct of a trade or business in the United States are subject to U.S. federal income tax on a net income basis at applicable graduated individual or corporate rates, and are not generally subject to withholding, if the holder complies with certain certification and disclosure requirements. Any such effectively connected dividends received by a foreign corporation may also, under certain circumstances, be subject to an additional "branch profits tax" at a 30% rate or such lower rate as may be specified by an applicable income tax treaty.

Under current law, dividends paid to an address outside the United States are presumed to be paid to a resident of the country of address (unless the payer has knowledge to the contrary) for purposes of the withholdings discussed above and for purposes of determining the applicability of a tax treaty rate. Under certain recently finalized Treasury Regulations (the "New Withholding Regulations"), a non-U.S. holder of Common Stock will be required to satisfy certain certification and other requirements in order to claim the benefit of a reduced withholding tax rate with respect to dividends under an applicable treaty. In addition, under the New Withholding Regulations, in the case of Common Stock held by a foreign partnership, the certification requirement would generally be applied to the partners and the partnership may be required to provide certain information, including a United States taxpayer identification number. The New Withholding Regulations also provide look-through rules for tiered partnerships. The New Withholding Regulations are generally effective for payments made after December 31, 1999, subject to certain transition rules. Non-U.S. holders are

encouraged to consult with their own tax advisors with respect to the application of the New Withholding Regulations.

A non-U.S. holder of Common Stock that is eligible for a reduced rate of U.S. withholding tax pursuant to an income tax treaty may obtain a refund of any excess amounts withheld by filing an appropriate claim for refund with the U.S. Internal Revenue Service.

## GAIN ON DISPOSITION OF COMMON STOCK

A non-U.S. holder generally will not be subject to U.S. federal income tax in respect of gain recognized on a disposition of Common Stock unless (i) the gain is effectively connected with a trade or business of the non-U.S. holder in the United States or, if a tax treaty applies, is attributable to a permanent establishment maintained by the non-U.S. holder in the United States, (ii) in the case of a non-U.S. holder who is an individual and holds the Common Stock as a capital asset, such holder is present in the United States for 183 or more days in the taxable year of the sale and certain other conditions are met, or (iii) the Company is or has been a "U.S. real property holding corporation" for federal income tax purposes at any time during the five-year period ending on the date of the disposition and the non-U.S. holder owned more than 5% of the Company's Common Stock at any time during such period. The Company believes that it has not been and it is not a "U.S. real property holding corporation" for U.S. holders if the Company were to become a "U.S. real property holding corporation". Different tax consequences would apply to certain non-U.S. holders if the Company were to become a "U.S. real property holding corporation." If an individual non-U.S. holder falls under clause (i) above, he or she will be taxed on his or her net gain derived from the sale at regular graduated U.S. federal income tax rates. If an individual non-U.S. holder falls under clause

(ii) above, he or she will be subject to a flat 30% tax on the net gain derived from the sale which gain may be offset by U.S. capital losses recognized within the same taxable year of such sale. If a non-U.S. holder that is a foreign corporation falls under clause (i) above, it will be taxed on its gain at regular graduated U.S. federal income tax rates and, in addition, may be subject to the branch profits tax equal to 30% of its "effectively connected earnings and profits" within the meaning of the Code for the taxable year, as adjusted for certain items, or at such lower rate as may be specified by an applicable income tax treaty.

## FEDERAL ESTATE TAXES

Common Stock owned or treated as owned by a non-U.S. holder at the time of death, or Common Stock of which the non-U.S. holder made certain lifetime transfers, will be included in such holder's gross estate for U.S. federal estate tax purposes, unless an applicable estate tax treaty provides otherwise.

## U.S. INFORMATION REPORTING REQUIREMENTS AND BACKUP WITHHOLDING TAX

The Company must report annually to the U.S. Internal Revenue Service and to each non-U.S. holder the amount of dividends paid to such holder (including the name and address of such holder) and the tax withheld with respect to such dividends, regardless of whether withholding was required. Copies of the information returns reporting such dividends and withholding may also be made available to the tax authorities in the country in which the non-U.S. holder resides under the provisions of an applicable income tax treaty.

Under current law, backup withholding (which generally is a withholding tax imposed at the rate of 31% on certain payments to persons that fail to furnish certain information under the U.S. information reporting requirements) will generally not apply to dividends paid to a non-U.S. holder at an address outside the United States unless such non-U.S. holder is engaged in a trade or business in the United States or unless the payer has knowledge that the payee is a U.S. person. However,

under the New Withholding Regulations (which are generally effective for dividends paid after December 31, 1999), dividend payments may be subject to backup withholding unless applicable certification requirements are satisfied. See the discussion above with respect to rules applicable to foreign partnerships under the New Withholding Regulations.

In general, backup withholding and information reporting will not apply to a payment of the proceeds of a sale of Common Stock to or through a foreign office of a broker. If, however, such broker is, for U.S. federal income tax purposes, a U.S. person, a controlled foreign corporation, a foreign person that derives 50% of more of its gross income for certain periods from the conduct of a trade or business in the United States or, effective for payments after December 31, 1999, a foreign partnership (i) more than 50% of the income or capital interests of which are owned by U.S. persons or (ii) that is engaged in a United States trade or business, such payments will not be subject to backup withholding but will be subject to information reporting, unless (1) such broker has documentary evidence in its records that the beneficial owner is a non-U.S. holder and certain other conditions are met or

(2) the beneficial owner otherwise establishes an exemption.

Payment to or through a U.S. office of a broker of the proceeds of a sale of Common Stock is generally subject to both backup withholding and information reporting unless the beneficial owner certifies on a Form W-8 (or a suitable substitute form) under penalties of perjury that it is a non-U.S. holder, or otherwise establishes an exemption.

Effective for payments after December 31, 1999 (and subject to certain transition rules), the New Withholding Regulations unify certain certification procedures and forms and the reliance standards relating to information reporting and backup withholding.

Any amounts withheld under the backup withholding rules may be allowed as a refund or a credit against such holder's U.S. federal income tax liability provided the required information is furnished to the U.S. Internal Revenue Service.

#### LEGAL MATTERS

The validity of the shares of Common Stock offered hereby will be passed upon for the Company by Hale and Dorr LLP, Boston, Massachusetts, and for the Underwriters by Ropes & Gray, Boston, Massachusetts.

### **EXPERTS**

The Company's financial statements as of December 31, 1996 and 1997 and for each of the three years in the period ended December 31, 1997 included in this Prospectus have been so included in reliance on the report of Deloitte & Touche Chartered Accountants, given on the authority of said firm as experts in auditing and accounting.

The financial statements of r/3/ as of December 31, 1996 and 1997 and for each of the two years in the period ended December 31, 1997 included in this Prospectus have been so included in reliance on the report of Willi & Partner AG and Deloitte & Touche Chartered Accountants, given on the authority of said firms as experts in auditing and accounting.

### ADDITIONAL INFORMATION

The Company has filed with the Securities and Exchange Commission (the "Commission") a Registration Statement (together with all amendments, exhibits, schedules and supplements thereto) on Form S-1 under the Securities Act with respect to the shares of Common Stock offered hereby (the "Registration Statement"). This Prospectus, which constitutes a part of the Registration Statement, does not contain all of the information set forth in the Registration Statement, certain parts of which are omitted in accordance with the rules and regulations of the Commission. Statements made in this Prospectus as to the contents of any contract, agreement or other document referred to are materially complete. However, with respect to each such contract, agreement or other document filed as an exhibit to the Registration Statement, reference is made to the exhibit for a more complete description of the matter involved, and each such statement shall be deemed qualified in its entirety by such reference. The Registration Statement and the exhibits thereto may be inspected and copied at prescribed rates at the public reference facilities maintained by the Commission at Room 1024, Judiciary Plaza, 450 Fifth Street, N.W., Washington, D.C. 20549 and at the regional offices of the Commission located at Seven World Trade Center, 13th Floor, New York, New York 10048 and Citicorp Center, 500 West Madison Street, Suite 1400, Chicago, Illinois 60661. In addition, the Company is required to file electronic versions to these documents with the Commission through the Commission's Electronic Data Gathering, Analysis, and Retrieval (EDGAR) system. The Commission maintains a World Wide Web site at http://www.sec.gov that contains reports, proxy and information statements and other information regarding registrants that file electronically with the Commission.

The Company intends to distribute to its stockholders annual reports containing audited consolidated financial statements. The Company also intends to make available to its stockholders reports containing interim unaudited financial information for each of the first three quarters of each fiscal year.

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# **R/3/ SECURITY ENGINEERING AG FINANCIAL STATEMENTS**

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### **AUDITORS' REPORT**

#### To the Directors of Entrust Technologies Inc.

We have audited the consolidated balance sheets of Entrust Technologies Inc. as at December 31, 1996 and 1997 and the consolidated statements of operations, shareholders' equity and cash flows for the years ended December 31, 1995, 1996 and 1997. These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audits in accordance with generally accepted auditing standards in the United States of America. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe our audits provide a reasonable basis for our opinion.

In our opinion, these consolidated financial statements present fairly, in all material respects, the financial position of Entrust Technologies Inc. as at December 31, 1996 and 1997 and the results of its operations and its cash flows for the years ended December 31, 1995, 1996 and 1997 in conformity with accounting principles generally accepted in the United States of America.

/s/ DELOITTE & TOUCHE June 5, 1998 Ottawa, Canada

# **CONSOLIDATED BALANCE SHEETS** (IN THOUSANDS OF DOLLARS, EXCEPT SHARE DATA)

		DECEMBER 31,		PRO FORMA
		1997	JUNE 30, 1998	1998
			(UNAUD	
ASSETS Current assets:				
Cash and cash equivalents Short-term investments Accounts receivable (net of allowance for doubtful accounts at December 31, 1996 \$129, December 31, 1997\$416, and June		8,613	1,787	
30, 1998\$460)	-	7,152		
Other receivables		2,089	-	
Prepaid expenses	55	455	616	
Total current assets Goodwill Property and equipment, net			3,566	
Deferred income tax benefit		743	1,031	
Total assets			\$24,152	
LIABILITIES AND SHAREHOLDERS' EQUITY (DEFICIT)				
Current liabilities: Accounts payable	¢ 901	\$ 1 236	¢ / 106	
Accrued liabilities		2,066		
Deferred income		3,068	4,669	
Current portion of long-term debt			11	
Due to related party		2,257	-	
Total current liabilities		8,627	13,834	
Long-term debt	•	1,449	19	
Deferred income tax liabilities		19	19	
Total liabilities				
	5,747		13,872	
Redeemable Series A common stock			17,013	
Shareholders' equity (deficit): Preferred, par value \$.01 per share; 5,000,000 authorized; none issued and outstanding				
Common stock				
Common, par value \$.01 per share; 100,000,000 authorized; none issued and outstanding at December 31, 1996 and 1997 and June 30, 1998 36,208,706 outstanding on a pro forma basis at June				
30, 1998 Series A common, par value \$.01 per share; 100,000,000 authorized; 20,300,000 issued and outstanding shares at December 31, 1997 and 20,312,040 issued and outstanding shares at June 30, 1998, and none at December 31, 1996; none issued and outstanding on a pro forma basis at June 30, 1998		 203	 203	362
		200	200	

Series B common, par value \$.01 per share; convertible and exchangeable; 260,000 authorized; 221,052 issued and outstanding shares at December 31, 1997 and June 30, 1998, and none at December				
31, 1996 and on a pro forma basis at June 30, 1998		2	2	
Series B, non-voting common, par value		2	2	
\$.01 per share; exchangeable; 260,000				
authorized; 38,948 issued and				
outstanding shares at December 31, 1997				
and June 30, 1998, and none at December				
31, 1996 and on a pro forma basis at				
June 30, 1998				
Special voting, par value \$.01 per share;				
exchangeable; 15,000,000 authorized;				
7,700,000 issued and outstanding shares				
at December 31, 1997 and June 30, 1998,				
and none at December 31, 1996; 6,034,458				
shares issued and outstanding on a pro				
forma basis at June 30, 1998		77		
Additional paid-in capital		-	16,554	
Unearned deferred compensation			(733)	(733)
Accumulated other comprehensive income		(45)	(40)	(40)
(loss)			(48)	
Accumulated deficit	(60)	(1,349)	(22,/88)	
Total shareholders' equity (deficit)	(60)	14.662		
Total liabilities and shareholders'				
equity	\$3,687	\$24,757	\$24,152	
	======	======		

The accompanying notes are an integral part of the financial statements.

# **CONSOLIDATED STATEMENTS OF OPERATIONS** (IN THOUSANDS OF DOLLARS, EXCEPT SHARE AND PER SHARE DATA)

	YEAR EN	DED DECEMBE	SIX MONTHS ENDED JUNE 30,			
	1995	1996		1997		
				(UNAUD		
Revenues: License Services and	\$ 1,845	\$ 8,689	\$ 16,486	\$ 5,677	\$ 15,845	
maintenance	2,128		8,520	4,214		
Total revenues	3,973	12,802	25,006	9,891	20,938	
Cost of revenues: License Services and		393		229	812	
maintenance	950		4,414	2,111		
Total cost of revenues		3,550		2,340	3,910	
Gross profit		9,252	20,090	7,551	17,028	
Operating expenses: Sales and marketing Research and			11,193			
development General and	2,287	2,874	5,692	2,077	5,357	
administrative Acquired in-process research and	1,212	2,464	3,695	1,479	2,271	
development					20,208	
Total operating expenses	5,413	9,196	20,580		38,844	
Income (loss) from operations Interest income		56	723	415	217	
Income (loss) before (provision) benefit for income taxes					(21,599)	
(Provision) benefit for income taxes	301	331			160	
Net income (loss)			\$ 514		\$ (21,439)	
Net income (loss) per share						
Basic Diluted Weighted average common shares outstanding			\$ 0.02 \$ 0.01			
Basic Diluted				30,700,000 41,063,840		

The accompanying notes are an integral part of the financial statements.

# CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY (DEFICIT)

# FOR THE YEARS ENDED DECEMBER 31, 1995, 1996 AND 1997 AND THE SIX MONTHS ENDED JUNE 30, 1998 (IN THOUSANDS OF DOLLARS, EXCEPT SHARE DATA)

	SERIES COMMO STOC	N	SERI COM STO	MON	SERII NON-V COM ST	OTING	SPECI VOTI STOC	NG	ADDITIONAL PAID-IN	UNEARNED DEFERRED	ACCUMULATED OTHER COMPREHENSIVE
	SHARES	AMOUNT	SHARES	AMOUNT	SHARES	AMOUNT	SHARES	AMOUNT	CAPITAL	COMPENSATION	INCOME (LOSS)
Balances at December 31, 1994 Change in		\$		\$		\$			\$	\$	\$
shareholder's net											
investment											
Net income											
Balances at December 31, 1995											
Change in shareholder's net investment											
Net income											
Balances at December 31,											
1996 Series A common											
shares issued Special Voting	20,300,000	203							(173)		
shares issued Series B common							7,700,000	77	(66)		
shares issued Series B Non- Voting common			221,052	2					15,302		
shares issued Share capital issuance					38,948				2,696		
costs Translation									(2,015)		
adjustment Change in shareholder's net											(15)
investment											
Net income											
Balances at December 31,											
1997 Series A common shares issued	20,300,000	203	221,052	2	38,948		7,700,000	77	15,744		(15)
<pre>(unaudited) Unearned compensation related to stock options granted</pre>	12,040								26		
<pre>(unaudited) Deferred compensation earned</pre>									784	(784)	

(unaudited) Translation adjustment			 	 			51	
<pre>(unaudited) Net income (unaudited)</pre>			 	 				(33)
Balances at June 30, 1998 (unaudited)		\$203 221,052	38,948			\$16,554	\$ (733)	\$ (48)
		TOTAL	 	 ======= =	=====		======	======
	ACCUMULATED INCOME (DEFICIT)	SHAREHOLDERS' EQUITY (DEFICIT)						
Balances at December 31,								
1994 Change in shareholder's net	\$ 2,095	\$ 2,095						
investment Net income	1,700 (2,123)	1,700 (2,123)						
Balances at								
December 31, 1995 Change in shareholder's	1,672	1,672						
net	(	(- · · · · · ·						
investment Net income	(2,119) 387	(2,119) 387						
Balances at								
December 31, 1996	(60)	(60)						
Series A common shares issued		30						
Special Voting shares issued Series B common		11						
shares issued Series B Non-		15,304						
Voting common shares issued Share capital		2,696						
issuance costs		(2,015)						
Translation adjustment Change in		(15)						
shareholder's net								
investment Net income	(1,803) 514	(1,803) 514						
Balances at								
December 31, 1997 Series A common	(1,349)	14,662						
shares issued (unaudited) Unearned compensation		26						
related to stock options granted								
(unaudited) Deferred compensation								
earned (unaudited)		51						

Translation adjustment		
(unaudited)		(33)
Net income (unaudited)	(21,439)	(21,439)
Balances at June		
30, 1998 (unaudited)	\$(22,788)	\$ (6,733)

The accompanying notes are an integral part of the financial statements.

## **CONSOLIDATED STATEMENTS OF CASH FLOWS** (IN THOUSANDS OF DOLLARS)

	YEAR ENDI	ED DECEMBE	SIX MONTHS ENDED JUNE 30,		
	1995	1996	1997	1997	
				(UNAUD	
Cash flows from operating activities: Net income (loss) Adjustments to reconcile net income (loss) to net cash provided by (used in) operating activities: Depreciation and	\$(2,123)	\$ 387	\$ 514	\$ 396	\$(21,439)
amortization Adjustment to cumulative	144	204	360	177	400
translation account			(15)	(2)	(33)
Deferred income taxes	10	4	(743)	(229)	(288)
Deferred compensation earned Acquired in-process research					51
and development Changes in assets and liabilities: (Increase) decrease in					20,208
accounts receivable (Increase) decrease in other	398	(967)	(4,665)	(2,517)	(2,805)
receivables			(2,089)	(1,072)	708
prepaid expenses Increase (decrease) in	35	(40)	(400)	55	(126)
accounts payable Increase in accrued	230	647	335	350	1,674
liabilities	29	891	1,121	2,963	270
Increase in deferred income Increase (decrease) due to	113	1,686	1,121 1,186	464	1,451
related party			2,257	-	(1,561)
Net cash provided by (used in) operating activities	(1,164)	2,812	(2,139)	2,116	(1,490)
Cash flows from investing activities: Purchases of property and	()	()	()	<i></i>	()
equipment Purchases of short-term					(995)
investments Dispositions of short-term					(5,052)
investments Payment on purchase of r/3/ Security			3,695		11,878
Engineering AG					(4,391)
Net cash provided by (used in) investing activities			(9,508)		
Cash flows from financing activities:					
Proceeds from long-term debt			1,449		
Repayment of long-term debt					(1,419)
Transfers from Nortel	6,070	9,716	 (1,803)		
Transfers to Nortel	(4,370)	(11,835)	(1,803)	(1,803)	

Proceeds from exercise of stock options Proceeds from issuance of common and special voting stock, net of issuance costs					26
of \$2,015			16,026		
Net cash provided by (used in) financing activities	1,700	• • •		14,223	
Net change in cash and cash equivalents Cash and cash equivalents at			4,025	13,424	(1,443)
beginning of period					4,025
Cash and cash equivalents at end of period	\$ ======	\$ ======	\$ 4,025		
Non-cash investing activities: Issuance of redeemable Series A common stock for property and equipment, current assets, and technology, net of current li- abilities and related party					
note					17,013
	======	======		======	=======

The accompanying notes are an integral part of the financial statements.

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (IN THOUSANDS OF DOLLARS, EXCEPT SHARE DATA)

### 1. BACKGROUND AND BASIS OF PRESENTATION

#### BACKGROUND

In January of 1994, Northern Telecom Limited, and its subsidiary Northern Telecom Inc. (collectively "Nortel"), established the Secure Networks group (the "Division") to pursue the development and sales of public key infrastructure ("PKI") products. PKI products combine powerful public key data encryption technology with transparent, life cycle digital certificate management to enable users to communicate securely over public and private networks.

During 1996, Nortel announced its intention to create a separate company, Entrust Technologies Inc. (the "Company") consisting of the operations of the Division (the "Separation"). The Company was incorporated in December 1996 with nominal share capital, all of which was contributed by Nortel. At the close of business on December 31, 1996, Nortel transferred to the Company certain of the assets and liabilities, intellectual property, rights, licenses and contracts of the Division of Nortel.

In exchange Nortel received 20,300,000 shares of the Company's Series A common stock, 7,700,000 shares of the Company's Special Voting stock, and cash consideration. At the close of business on December 31, 1996, the Company issued 260,000 shares of its Series B common stock in a private placement for \$100 per share less underwriting costs and commissions of \$7.75 per share. After the completion of the private placement, Nortel owned approximately 73.0% of the outstanding shares of the Company's common stock assuming conversion of the Series B common stock and Series B Non-Voting common stock into an aggregate of 13,063,836 shares of Series A common stock.

### **BASIS OF PRESENTATION**

These consolidated financial statements have been prepared for the purpose of presenting the balance sheets of the Company as at December 31, 1997 and June 30, 1998 and the related statements of operations, shareholders' equity and cash flows for the year ended December 31, 1997 and for the six months ended June 30, 1997 and 1998. The historical comparative year results, including the balance sheet as at December 31, 1996 and the related statements of operations, shareholders' equity and cash flows for each of the two years in the period ended December 31, 1996, represent the operations of the Division transferred to the Company from Nortel in the Separation (the "Company Business"). These historical results of the Division present the financial position of the Division as a separate reporting entity independent of Nortel and its subsidiaries, as if the Division were a stand-alone entity for these periods. The 1995 and 1996 consolidated financial statements have been prepared using the historical basis in the assets and liabilities and historical results of operations related to the Company Business. Changes in shareholder's net investment in 1995 and 1996 represent Nortel's contribution of its net investment after giving effect to the net income (loss) of the Division and net cash transfers to or from the Division. The shareholder's net investment was not transferred to the Company as part of the Separation.

The 1995 and 1996 consolidated financial statements, presented here for comparison purposes, include certain Nortel corporate costs that were allocated to the Division using procedures deemed appropriate for the nature of the expenses involved. The procedures utilized various allocation bases such as invested net assets, number of employees and related payroll costs, and direct effort expended. Management believes that the allocations reflected in the 1995 and 1996 consolidated financial statements are reasonable, but they were not necessarily indicative of the costs that would

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS--(CONTINUED)

have been incurred had the Division functioned as a stand-alone company. No corporate costs were allocated to the Company, in this way, in the year ended December 31, 1997 or the six months ended June 30, 1998. After the Separation, Nortel continued to provide certain "corporate" services to the Company. Fees charged for such services are based on Nortel's internal usage-based fee structures where applicable or Nortel's direct cost of services, including total compensation and out-of-pocket expenses.

### **INCOME TAX PROVISION**

As the Company operated as a division of Nortel in fiscal years 1995 and 1996, it did not file separate income tax returns. Income tax expense has been estimated based upon an application of Nortel's effective tax rate for those periods.

## CASH BALANCES

Prior to January 1, 1997, the Company, as a division of Nortel, participated in the Nortel cash management system and, accordingly, did not maintain cash balances other than minimal amounts.

### 2. SIGNIFICANT ACCOUNTING POLICIES

### CONSOLIDATION

The consolidated financial statements of the Company include the accounts of its majority-owned Canadian subsidiary, Entrust Technologies Limited, its wholly-owned U.K. subsidiary, Entrust Technologies Limited, its wholly-owned Swiss subsidiary, r/3/ Security Engineering AG, and its wholly-owned German subsidiary, Entrust Technologies GmbH. The minority interest in the Canadian subsidiary has been insignificant to date. All significant intercompany transactions and accounts are eliminated in consolidation.

#### TRANSLATION OF FOREIGN CURRENCIES

The accounts of the Company's subsidiaries have been translated into U.S. dollars. Assets and liabilities have been translated at the exchange rates in effect at the balance sheet date. Revenues, expenses and cash flow amounts are translated at average rates for the period. The resultant translation adjustments are included in comprehensive income as a separate component of shareholders' equity. Gains and losses from foreign currency transactions are included in the determination of net income and are not material.

The Company does not use hedging or derivatives and, as a result, may be exposed to currency translation adjustments in the future. However, the Company transacts the majority of its international sales in U.S. dollars, except for Canada where the Company has both significant costs and revenues, which the Company believes mitigates the potential impact of currency fluctuations.

## UNAUDITED INTERIM FINANCIAL INFORMATION

The consolidated financial statements as of and for the six months ended June 30, 1997 and 1998 are unaudited but, in the opinion of management, include all adjustments, consisting only of normal recurring accruals, necessary for a fair presentation of the results for such periods. The results of operations for the six months ended June 30, 1998 are not necessarily indicative of results to be expected for the full fiscal year.

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS--(CONTINUED)

#### **REVENUE RECOGNITION**

The Company generates revenues primarily from licensing the rights to its software products to end-users and from sublicense fees from resellers. The Company also generates revenues from consulting, training and post-contract support ("maintenance"). In October 1997, the AICPA issued Statement of Position ("SOP") No. 97-2, "Software Revenue Recognition", which the Company adopted, effective January 1, 1998. Such adoption had no effect on the Company's method of recognizing revenues. Prior to 1998, the Company's revenue recognition policy was in accordance with the provisions of the preceding authoritative guidance provided by SOP 91-1 "Software Revenue Recognition".

Revenues from perpetual software license agreements are recognized as revenue upon receipt of an executed license agreement, or an unconditional order under an existing license agreement, and shipment of the software, if there are no significant remaining vendor obligations and collection of the receivable is probable.

Consulting and training revenues are generally recognized as the services are performed. Consulting services are typically performed under separate service agreements and are usually performed on a time and material basis. Such services primarily consist of implementation services related to the installation and deployment of the Company's products and do no include significant customization or development of the underlying software code.

The Company uses the percentage of completion method to account for large custom development contracts. Under this method, the Company recognizes revenue and profit as the work on the contract progresses. Revenue is recognized by applying the percentage of the total estimated contract cost incurred to date to the total contract value, and any projected loss is recognized immediately. The total project cost estimates are reviewed on a regular basis.

Revenues from maintenance are recognized ratably over the term of the maintenance period, which is typically one year. If maintenance services are included free of charge or discounted in a license agreement, such amounts are unbundled from the license fee at their fair market value based upon the value established by independent sales of such maintenance to customers.

### **COST OF REVENUES**

Cost of licenses includes the cost of media, product packaging, documentation and other production costs and third-party royalties.

Cost of services consists primarily of salaries, benefits and allocated overhead costs related to consulting, training and customer support personnel, including the cost of third-party consultants engaged by the Company.

#### PROPERTY AND EQUIPMENT

Property and equipment is stated at cost. Depreciation is calculated generally using the straight-line method over the estimated useful lives of the assets. The expected useful lives of the furniture and fixtures, computer and telecom equipment and software is three to five years and the remaining term of the facility lease for leasehold improvements.

When assets are sold or retired, the cost and related accumulated depreciation are removed from the accounts and any resulting gain or loss is included in operations. Maintenance and repairs are charged to operations as incurred.

#### GOODWILL

Goodwill is being amortized on a straight-line basis over five years.

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS--(CONTINUED)

Assets are reviewed for impairment on the basis of undiscounted cash flows. If the cash flows are less than the asset's carrying value, the asset is written down to its fair value.

### **OTHER RECEIVABLES**

Other receivables include federal income tax and Canadian goods and services tax refunds of \$1,644 and \$1,156 at December 31, 1997 and June 30, 1998, respectively.

#### **RESEARCH AND DEVELOPMENT COSTS**

To date the Company has not capitalized any development costs under Statement of Financial Accounting Standards ("SFAS") No. 86, "Accounting for the Costs of Computer Software to be Sold, Leased, or Otherwise Marketed". The Company has defined attainment of technological feasibility as completion of a working model. The period of time beginning with the establishment of a working model and ending when a product is offered for sale is typically very short. Accordingly, costs that were eligible for capitalization were insignificant.

### CASH AND CASH EQUIVALENTS

The Company considers all highly liquid investments with original maturities of three months or less to be cash equivalents. The Company's cash and cash equivalents are maintained with a bank and a brokerage institution.

#### SHORT-TERM INVESTMENTS

At December 31, 1997 and June 30, 1998, the Company's investments consisted of investments in a strategic cash management account which consists primarily of securities guaranteed by the U.S. government or its agencies and highly rated municipal bonds with a remaining maturity of not more than 12 months.

The Company has adopted SFAS No. 115 "Accounting for Certain Investments in Debt and Equity Securities". This statement requires that securities be classified as "held to maturity", "available for sale" or "trading", and the securities in each classification be accounted for at either amortized cost or fair market value, depending upon their classification. The Company has the intent and ability to hold all investments until maturity. Therefore, all such investments are classified as held to maturity investments and carried at amortized cost in the accompanying consolidated financial statements. At December 31, 1997 and June 30, 1998, the amortized cost of the Company's investments approximated fair value.

The Company's investments consisted of the following:

	DECEMBEI	R 31, 1997	JUNE	30, 1998
	AMORTIZED COST	MATURITY OF SECURITIES WITHIN ONE		MATURITY OF SECURITIES WITHIN ONE
	BASIS	YEAR	BASIS	YEAR
			(UNA	.UDITED)
Foreign debt securities	\$1,011	\$1,011	\$	\$
Municipal debt securities U.S. government agency debt se-	3,686	3,686		
curities	3,916	3,916	1,787	1,787
	\$8,613	\$8,613	\$1,787	\$1,787
	======	======		======

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS--(CONTINUED)

#### **INCOME TAXES**

The Company uses the asset and liability method to account for income taxes. Deferred income tax assets and liabilities are recognized for the future tax consequences attributable to differences between the carrying amounts of existing assets and liabilities for accounting purposes, and their respective tax bases. Deferred income tax assets and liabilities are measured using statutory tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred income tax assets and liabilities of a change in statutory tax rates is recognized in net income in the year of change. A valuation allowance is recorded for those deferred income tax assets whose recoverability is not sufficiently likely.

### **INCOME PER SHARE**

Basic income per share is calculated by dividing the net income by the weighted average number of shares of common stock of all classes outstanding during the year, after reflecting the right of the Series B common stockholders to additional shares as described in Note 7. Diluted income per share is calculated by dividing the net income by the weighted average number of shares of common stock and potential common stock outstanding, and when dilutive, exchangeable special voting stock on an as-if converted basis, additional conversion rights of Series B common shares, and options to purchase common stock using the treasury stock method.

TIME 30

Net income per share has been calculated as follows:

	DECEMBER 31,	JUNE	
	1997	1997	1998
			DITED)
Net income available to common share-		•	
holders (in thousands)	\$		\$ (21,388)
Weighted average common shares out- standing: Basic:			
Series A common stock	20,300,000	20,300,000	20,448,689
Series B common stock	8,842,080	8,842,080	8,842,080
Series B Non-Voting common stock	1,557,920	1,557,920	1,557,920
Basic weighted average common shares			
outstanding	30,700,000	30,700,000	30,848,689
Basic net income per share	\$ 0.02	\$ 0.01	\$ (0.69)
	========	========	========
Diluted:			
Basic weighted average common shares outstanding Conversion rights on Special Voting	30,700,000	30,700,000	30,848,689
stock Additional conversion rights of Series B Voting and Non-Voting common	7,700,000	7,700,000	7,700,000
stock Net effect of dilutive options using	2,663,836	2,663,836	2,663,836
the treasury stock method	679,132		
Diluted weighted average common shares			
outstanding	41,742,968 ======		
Diluted net income per share	\$ 0.01		\$ (0.69)
	========	•	¢ (0102)

# **CONCENTRATION OF CREDIT RISK**

Financial instruments that potentially subject the Company to market and credit risk consist principally of cash and cash equivalents, short-term investments and accounts receivable. The Company has investment policies that limit the amount of credit exposure to any one issuer and restrict placement of these investments to issuers evaluated as credit worthy. The Company maintains its cash and cash equivalents, and short-term investments, with high quality financial

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS--(CONTINUED)

institutions and investment managers. The Company performs periodic reviews of the credit standing of its investments and the financial institutions managing those investments.

The Company's customer base consists primarily of large, well-established companies or government agencies. Five customers accounted for approximately 88%, 55% and 66% of accounts receivable as of December 31, 1996 and 1997 and June 30, 1998 respectively. The Company performs ongoing credit evaluations of its customers, and generally, does not require collateral from its customers to support accounts receivable. Requests to extend significant credit to customers are reviewed and approved by senior management. The Company maintains an allowance for potential losses due to credit risk, but has not experienced significant write-offs. Management believes that the reserves for losses are adequate. The following table summarizes the changes in the allowance for doubtful accounts:

	DE	CEMBI	ER	31,	
		.996		 1997	JUNE 30, 1998
					(UNAUDITED)
Allowance for doubtful accounts, beginning of					(
period	\$	73	\$	129	\$416
Additional provision		56		287	44
Allowance for doubtful accounts, end of period	\$	129	\$	416	\$460
	==	====	==		====

In 1995, two customers accounted for an aggregate of 71% of revenues, one of which accounted for 53% while the other customer accounted for 18% of revenues for the year. In 1996, three customers accounted for an aggregate of 64% of revenues for the year, and individually these customers accounted for 29%, 20% and 15% of revenues for that year. In 1997, three customers accounted for an aggregate of 42% of revenues. One of these customers was the same customer who accounted for 29% of 1996 revenues and this customer accounted for 19% of revenues for 1997. The other two major customers in 1997 accounted for 12% and 11% of revenues, respectively.

The Company is subject to foreign currency exchange risk in the form of exposures to changes in currency exchange rates between the United States and Canada and the United Kingdom. Management periodically reviews the potential financial impact of this risk and currently believes that the Company is not subject to significant potential losses as a result.

### **RECENT PRONOUNCEMENTS**

In June 1997, the Financial Accounting Standards Board ("FASB") issued SFAS No. 131, "Disclosures about Segments of an Enterprise and Related Information" ("FAS 131") and SFAS No. 130, "Reporting Comprehensive Income" ("FAS 130"). FAS 131 redefines how operating segments are determined and requires disclosure of certain financial and descriptive information regarding those segments. Management believes that the adoption of SFAS No. 131 will not have a material impact on the financial statements.

In June 1997, the FASB issued SFAS No. 130 "Reporting Comprehensive Income," which establishes standards for reporting and displaying comprehensive income, as defined, and its components in financial statements. The Company's adoption of SFAS No. 130 had no impact on the consolidated financial statements.

In June 1998, the FASB issued SFAS No. 133, "Accounting for Derivative Instruments and Hedging Activities" which establishes accounting and reporting standards for derivative instruments. The Company currently does not use hedging or derivatives and, as a result, does not anticipate any impact on the financial statements.

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS--(CONTINUED)

#### **USE OF ESTIMATES**

The preparation of the consolidated financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

### UNAUDITED PRO FORMA BALANCE SHEET

Upon the closing of the Company's initial public offering, (i) all of the outstanding shares of the Company's Series B common stock and Series B Non- Voting common stock will automatically convert into an aggregate of 13,063,836 shares of common stock, (ii) the repurchase rights of the Redeemable Series A common stock will expire, (iii) 1,665,542 shares of common stock will be issued upon the expected surrender of a like number of shares of the Company's Special Voting stock and the concurrent exchange of a like number of Exchangeable Shares of Entrust Technologies Limited by Northern Telecom Limited, a selling stockholder in the initial public offering, and (iv) the Company is expected to file Amended and Restated Articles of Incorporation eliminating the Company's Series B common stock and Series B Non-Voting common stock, redesignating the Series A common stock as common stock and authorizing 100,000,000 shares of common stock. All of the foregoing events have been reflected in the unaudited pro forma balance sheet as of June 30, 1998.

#### 3. PROPERTY AND EQUIPMENT

Property and equipment, at cost, consist of the following:

	DECEMBE	R 31,	
			JUNE 30,
	1996	1997	1998
			(UNAUDITED)
Computer and telecom equipment	\$1,305	\$1,491	\$2,363
Furniture and fixtures		86	469
Leasehold improvements		639	808
Software distribution rights	225	218	213
	1,530	2,434	3,853
Less: accumulated depreciation and amortiza-			
tion	(385)	(754)	(1,270)
Total property and equipment, net	\$1,145	\$1,680	\$2,583
	=====	======	======

#### 4. ACCRUED LIABILITIES

Accrued liabilities consist of the following:

	DECEMBER 31,		
			JUNE 30,
	1996	1997	1998
			(UNAUDITED)
Payroll and related benefits	\$ 915	\$ 1,532	\$1,744
Other	30	534	1,509
	\$ 945	\$ 2,066	\$3,253
	=====	=======	======

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS--(CONTINUED)

### 5. LONG-TERM DEBT

At December 31, 1997, the Company had an installment note with a financial institution. This obligation was unsecured with interest at an effective rate of 6.9% per annum and the maturities under this note are as follows:

	DECEMBER 31, 1997	JUNE 30, 1998
For the six months ended June 30, 1998	\$ 3	(UNAUDITED) \$
For the six months ended December 31, 1998		5
For the year ended December 31, 1999 For the year ended December 31, 2000	627 819	12 13
	1,449	30
Less: current portion		(11)
	\$1,449	\$ 19
	======	======

### 6. INCOME TAXES

The following table presents the U.S. and foreign components of income

(loss) before income taxes and the provision for income taxes. 1995 and 1996 figures are estimated on a pro forma basis for comparative purposes.

	DECEMBER 31,			
	1995	1996	1997	
Income (loss) before income taxes United States Foreign				
	\$(2,424) ======	\$ 56 ====	\$ 233 =====	
(Provision) benefit for income taxes Current:				
Federal State and local Foreign			(76)	
	301	331	(462)	
Deferred: Federal State and local				
Foreign			596  743	
Total benefit for income taxes	\$    301 ======	\$331 ====	\$ 281 =====	

The difference between the actual income tax provision and the tax provision computed by applying the statutory Federal income tax rate to income (loss) before income taxes is attributable to the following:

	[	DECEM	3ER 31,	,
	19	995	1996	1997
Income tax (provision) benefit at 34% State and local taxes, net of Federal benefits Foreign earnings taxed at different rate Unrecorded benefit of tax losses		 257	(6)	(48) 15
Canadian research and development tax credits utilized Utilization of tax losses carry forward		301 	331 25	393 
Total benefit for income taxes	 \$ ===	301 ====	\$331 ====	\$281 ====

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS--(CONTINUED)

The components of the deferred income tax liability classified by the source of the cumulative temporary differences that gave rise to the credit are as follows:

	DECEMBER 31 1996	, DECEMBER 31, 1997
Tax depreciation in excess of accounting depreciation	\$ 19	\$7
Amortization of Sec. 197 assets not deductible for accounting purposes Accounting provisions not deductible for tax		212
purposes		(200)
	\$ 19	\$ 19
	=====	=====

The components of the deferred income tax benefit classified by source of the cumulative temporary differences that gave rise to the debit are as follows:

	DECEMBER 3 1996	31, DECEMBER 31, 1997
Accounting provisions not deductible for tax		
purposes	\$	\$ 147
Research and development tax credits		596
	\$	\$ 743
	=====	=====

As at December 31, 1997, the Company has available for carry-forward to reduce future Canadian federal income taxes, scientific research and experimental development investment tax credits of approximately \$404. These tax credits expire in the year 2007.

### 7. CAPITAL STOCK

On January 24, 1997, the Board of Directors declared a 10-for-1 stock split effected in the form of a stock dividend, payable to the shareholders of Series A common stock and Special Voting stock. On June 18, 1998, the Board of Directors approved an increase in the authorized number of shares of Series A common stock from 15,000,000 to 100,000,000, Preferred stock from 500,000 to 5,000,000 and Special Voting stock from 2,500,000 to 15,000,000.

The Board of Directors also approved on June 18, 1998 a 4-for-1 stock split, effected in the form of a stock dividend payable to the shareholders of Series A common stock and Special Voting stock. In addition, the Board of Directors approved an amendment to the Company's Articles of Incorporation, which redesignated the Series A common stock as Common stock effective upon the completion of a public offering of the Company's Common stock. The consolidated financial statements have been restated to reflect the increase in the number of authorized shares and these stock splits.

### SERIES A AND SERIES B COMMON STOCK

The holders of Series A and Series B common stock are entitled to one vote per share and are entitled to dividends when and if declared by the Board of Directors of the Company. The Series B Non-Voting common stock has the same rights and privileges as the Series B common stock except for the non-voting nature of the stock and it is exchangeable at the option of the holder into Series B common stock. The Company's Series B common stock and Series B Non-Voting common stock will automatically convert into 13,063,836 shares of Common stock upon completion of a public offering of the Company's Common stock.

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS--(CONTINUED)

#### **REDEEMABLE SERIES A COMMON STOCK**

The holders of the Redeemable Series A common stock are entitled to the same rights and privileges as the Series A common stock, except for the special provisions described in Note 12. At June 30, 1998, there were 1,167, 288 of these shares issued and outstanding.

## SPECIAL VOTING STOCK

The Special Voting stock has a par value of \$0.01 per share. The holders of the Special Voting stock also hold 7,700,000 Exchangeable shares in the Company's majority owned subsidiary Entrust Technologies Limited. At any time prior to December 31, 2006, the holders of the Special Voting stock have the right to exchange their shares of Special Voting stock and their Exchangeable Shares in Entrust Technologies Limited into 7,700,000 shares of Series A common stock. The Company generally also has the right to demand such exchange on or before December 31, 2006.

### PREFERRED STOCK

The Company is authorized to issue up to 5,000,000 shares of Preferred stock in one or more series. Each such series of Preferred stock shall have such rights, preferences, privileges and restrictions, including voting rights, dividend rights, conversion rights and liquidation preferences, as shall be determined by the Board of Directors. As of June 30, 1998, the Company has not issued any shares of Preferred stock.

# 8. STOCK OPTIONS

### EMPLOYEE STOCK OPTION PLAN

During the year ended December 31, 1997, the Company's shareholders approved the 1996 Stock Incentive Plan (the "Plan") applicable to the Company's full- time employees, officers, and consultants and authorized 7,228,920 shares of Series A common stock for issuance thereunder. In May 1998, the Company's shareholder's increased the authorized number of Series A common stock available for issuance under this plan to 7,630,920. On June 18, 1998, the Company's Board of Directors approved an increase of 2,369,080 in the number of shares available under the Plan, subject to shareholder approval. The options under the Plan are granted at the then-current fair market value of the Series A common stock of the Company and generally may be exercised in equal proportions during the years following the first and second anniversary of the date of grant, and expire on the tenth anniversary or upon termination of employment. With respect to options granted to the key management team, 20% of the options become exercisable upon grant date, with an additional 20% of the options exercisable at each successive anniversary of the grant date until the fourth anniversary of the grant date.

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS--(CONTINUED)

A summary of the activity under the Plan is set forth below:

			OUTSTANDING
		NUMBER OF	WEIGHTED AVERAGE EXERCISE PRICE
Balance at December 31, 1996 Authorized Granted Forfeited	(6,628,800)	6,628,800 (140,720)	
Balance at December 31, 1997 Authorized Granted Forfeited Exercised.	2,771,080 (985,516) 75,792	985,516 (75,792)	2.81
Balance at June 30, 1998 (unaudited)	2,602,196	7,385,764	2.96
Exercisable at December 31, 1997		•	2.15
Exercisable at June 30, 1998 (unaudited)		2,201,220 ======	2.29

The following table summarizes information concerning currently outstanding options as at June 30, 1998 (unaudited):

	0P <sup>-</sup>	TIONS OUTSTANDING	OPTIONS EXE		
RANGE OF EXERCISE PRICES	NUMBER OF OPTIONS OUTSTANDING	WEIGHTED AVERAGE REMAINING CONTRACTUAL LIFE	WEIGHTED AVERAGE EXERCISE	NUMBER OF OPTIONS EXERCISABLE	WEIGHTED AVERAGE EXERCISE
\$2.13 to \$2.50 \$6.25 \$12.08	6,411,360 490,200 484,204  7,385,764 =======	8.7 years 9.6 years 9.9 years	\$ 2.17 \$ 6.25 \$12.08	2,141,220 0 60,000  2,201,220 ======	\$ 2.13 \$ 6.25 \$12.08

#### STOCK BASED COMPENSATION

The Company applies APB Opinion No. 25 and related interpretations in accounting for its employee stock-based compensation plans. Accordingly, compensation expense has been recognized for its stock-based compensation plans in the six months ended June 30, 1998 because the exercise price of some options granted in that period were determined to be below the fair value of the underlying stock as of the grant date for such stock options. In connection with the granting of these options, the Company has recognized unearned deferred compensation expense of \$784 for the six months ended June 30, 1998. This amount will be amortized over the vesting period of four years from the date of grant. For all other periods disclosed, the exercise price of each option granted was equal to the fair value of the underlying stock at the date of grant. Had compensation costs for the Company's Employee Stock Option Plan been determined based on the fair value at the grant date for awards under the Plan, consistent with the methodology prescribed under SFAS 123, the Company's net income and income per share would have been decreased to the following pro forma amounts.

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS--(CONTINUED)

	DECEMBER 31,			
	1995	1996 1997		
Net income (loss), as reported	\$(2,123)	\$387 \$ 514		
Estimated stock based compensation costs		(1,535)		
Pro forma net income (loss)	\$(2,123)	\$387 \$(1,021)		
	======	==== ======		
Basic and diluted net (loss) per share		\$ (0.03)		
	======			

The weighted average fair value of all options granted during fiscal 1997 was estimated as of the date of grant using the minimum value model and the Black-Scholes option pricing model with the following weighted average assumptions.

	DECEMBER 31,	
	1996	1997
Expected option life, in years		6
Risk free interest rate		6%
Dividend yield		

The weighted average fair value for stock options granted during 1997 was \$0.66 per option.

### 9. RELATED PARTY TRANSACTIONS

Significant related party transactions with the Company's parent, Nortel, and affiliated companies, not otherwise disclosed in the financial statements, include the following (information related to the six month periods ended June 30, 1997 and 1998 is unaudited).

The Company paid \$2,872, \$3,656 and \$273 in the years ended December 31, 1995, 1996, and 1997, respectively, \$273 for the six months ended June 30, 1997, and none for the same period in 1998, for research and development services provided by Bell Northern Research Ltd. ("BNR"), a subsidiary of Nortel. The research and development services and other costs of revenue were purchased at cost from BNR. Purchases from BNR are settled through the intercompany accounting system of Nortel.

Revenues include sales to Nortel for the years ended December 31, 1995, 1996 and 1997 of \$323, \$300 and \$495, respectively and \$176 and \$172 for the six months ended June 30, 1997 and 1998, respectively. Also, revenues for the year ended December 31, 1997 include sales to affiliated companies totaling \$332. Sales to affiliated companies were immaterial in 1995 and 1996. Sales to affiliated companies were \$255 and \$1,795 for the six months ended June 30, 1997 and 1998, respectively.

During the year ended December 31, 1997, the Company paid Nortel \$299 for services rendered and \$137 and \$60 for the six months ending June 30, 1997 and 1998, respectively. These transactions are in the normal course of operations, and are measured at their exchange amounts, which is the amount of consideration established and agreed to by the related parties.

Also, during the year ended December 31, 1997, and the six months ended June 30, 1998, the Company reimbursed Nortel for expenses paid by Nortel on behalf of the Company, net of revenues collected by Nortel on behalf of the Company. The net expenses reimbursed amounted to \$5,610 for fiscal 1997 and \$3,155 and \$610 for the six months ended June 30, 1997 and June 30, 1998, respectively. These amounts have been recorded in these financial statements at the carrying amount of the transactions involved.

Balances due to/from the related party, arising from the sales of product and receipt of services referred to above, are payable net 30 days from the date of the related intercompany invoice.

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS--(CONTINUED)

#### 10. COMMITMENTS

The Company leases administrative and sales offices and certain property and equipment under noncancellable operating leases expiring through 2003. Total rent expense under such leases for the years ended December 31, 1995, 1996 and 1997 were \$35, \$100, \$956, respectively, and for the six month periods ended June 30, 1997 and 1998 were \$272 and \$1,206, respectively.

At June 30, 1998 (unaudited), the future minimum lease payments under operating leases were as follows:

1998 (six months)	\$1,307
1999	2,525
2000	2,258
2001	1,652
2002	821
Thereafter	158
Total future minimum lease payments	\$8,721

### 11. SEGMENTED INFORMATION

#### **BUSINESS SEGMENT**

The Company operates in one business segment: the design, production and sale of software products for encryption and digital signature.

#### **GEOGRAPHIC SEGMENTS**

Identifiable net assets are those net assets of the Company (1996--the Division) that are identified with the operations in the geographic areas.

	DECEMBER 31, 1996	DECEMBER 31, 1997
Identifiable net assets		
United States	\$(25)	\$15,012
Europe		30
Canada	(35)	(380)
Net assets	\$(60)	\$14,662
	====	======

Transfers between geographic areas are made at prices based on total cost of the product to the supplying segment. Customer revenues and income (loss) before income taxes by destination for the years December 31, 1995, 1996 and 1997 were:

	DECEMBER 31, 1995	DECEMBER 31, 1996	DECEMBER 31, 1997
Revenues:			
United States	\$ 1,292	\$ 9,758	\$14,978
Europe		473	1,359
Canada	2,681	2,571	8,669
Total revenues	\$ 3,973	\$12,802	\$25,006
	======	=======	=======

Income (loss) before income taxes:					
United States	\$ (799)	\$	(8)	\$	2
Europe					231
Canada	(1,625)		64		
Total income (loss) before income					
taxes	\$(2,424)	\$	56	\$	233
	======	====	===	===	====



# ENTRUST TECHNOLOGIES, INC.

# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS--(CONTINUED)

# 12. ACQUIRED IN-PROCESS RESEARCH AND DEVELOPMENT (UNAUDITED)

On June 8, 1998, the Company completed the acquisition of r/3/ Security Engineering AG ("r/3/"), a company based in Zurich, Switzerland which provides consulting, applied research and product development services related to commercial security and encryption solutions. Pursuant to the Share Purchase Agreements dated May 30, 1998, entered into between the Company and the shareholders of r/3/, the Company agreed to acquire all the outstanding shares of r/3/ in exchange for approximately 1,167,288 shares of the Company's Series A common stock, valued at \$14.58 per share and cash consideration of \$4,391. In the event the Company's Series A common stock (or any common stock into which it would convert) is not listed on a United States Exchange within one year of the closing of the acquisition, the r/3/ shareholders have the right to require the Company to repurchase the Series A common shares at \$14.58 per share. Additionally, if the average closing price of the Company's Series A common stock after the first 10 days of trading following an initial public offering of the stock (the "Market Price") is less than \$12.08, then the Company will be required to pay the difference between the Market Price and \$12.08 to the r/3/ shareholders in cash or in additional stock.

This acquisition has been accounted for under the purchase method of accounting. The aggregate purchase price was 23,774, which included approximately 4,391 in cash, 17,013 representing 1,167,288 shares of Redeemable Series A common stock, approximately 994 in assumed liabilities and acquisition expenses, and approximately 1,376 of adjustments to the June 8, 1998 opening balance sheet of r/3/ to record the acquired assets and liabilities at fair value. In connection with the purchase price allocation, the Company obtained an independent appraisal of the intangible assets which indicated approximately 20,200 of the acquired intangible assets consisted of in-process product development. The development of these projects had not reached technological feasibility and the technology has no alternative future use and, accordingly, the 20,200 was included as an expense in the consolidated statements of operations for the six months ended June 30, 1998.

## 13. 1998 EMPLOYEE STOCK PURCHASE PLAN (UNAUDITED)

The Company's 1998 Employee Stock Purchase Plan (the "Purchase Plan") was adopted by the Board of Directors in July 1998 and approved by the stockholders of the Company in August 1998. The Purchase Plan authorizes the issuance of up to a total of 400,000 shares of common stock to participating employees.

All employees of the Company, including directors of the Company who are employees, and all employees of any participating subsidiaries whose customary employment is more than 20 hours per week and more than five months in any calendar year are eligible to participate in the Purchase Plan.

The Purchase Plan terminates on July 21, 2000 or such earlier date as the Board determines. Upon termination of the Purchase Plan all amounts in the accounts of participating employees will be promptly refunded.

Because participation in the Purchase Plan is voluntary, the Company cannot presently determine the number of shares of common stock to be purchased by any particular current executive officer, by all current executive officers as a group or by non-executive employees as a group.

# **REPORT OF THE STATUTORY AUDITORS**

To the general meeting of the shareholders of r/3/ Security Engineering AG, Aathal-Seegraben

As statutory auditors, we have audited the accounting records and the financial statements (balance sheet, income statement and notes to the financial statements) of r/3/ Security Engineering AG, Aathal-Seegraben, for the years ended December 31, 1997 and 1996.

These financial statements are the responsibility of the board of directors. Our responsibility is to express an opinion on these financial statements based on our audit. We confirm that we meet the legal requirements concerning professional qualification and independence.

Our audit was conducted in accordance with auditing standards recognised by the profession, which are substantially the same as generally accepted auditing standards in the United States, which require that an audit be planned and performed to obtain reasonable assurance about whether the financial statements are free from material misstatement. We have examined on a test basis evidence supporting the amounts and disclosures in the financial statements. We have also assessed the accounting principles used, significant estimates made and the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the accounting records, the financial statements and the proposed appropriation of available earnings and free reserves comply with accounting principles generally accepted in Switzerland, the Swiss law and the company's articles of incorporation.

Generally accepted accounting principles in Switzerland vary in certain respects from accounting principles generally accepted in the United States. The application of the latter would have affected the determination of net income for the years ended December 31, 1997 and 1996, to the extent summarized in Note 7 to the financial statements.

We recommend that the financial statements submitted to you be approved.

### WILLI & PARTNER AG

/s/ Marco Willi Auditor in charge

/s/ Bruno Wust Auditor in charge

Wetzikon, June 2, 1998

/s/DELOITTE & TOUCHE Ottawa, Canada

August 5, 1998

# **BALANCE SHEET**

	DECEMBER 31, 1997	DECEMBER 31, 1996
	сиг	
ASSETS	CHF	CHF
Current assets:		
Cash	1,653,352.19	1,220,974.97
Securities (incl. treasury stock)	10,000.00	49,528.00
Accounts Receivable	1,088,924.20	683,766.40
<pre>./. Value Adjustments (Del credere) Other Accounts Receivable</pre>	(87,000.00)	(87,000.00)
Third Parties	29,816.37	28,600.36
Shareholders	9,176.60	
Prepaid Expenses & Others	132,825.00	95,045.95
Inventory Work in Progress	63,410.00	67,445.00
Total Current Assets	2,900,504.36	2,058,360.68
Fixed Assets		
Financial Investments		
Investment in Subsidiary	200,000.00	
Tangible Fixed Assets		
Office Equipment / Computers /	216 524 70	274 250 10
Communication Equipment Intangible Assets	316,524.70	374,259.10
Development Costs	530,000.00	
Total Fixed Assets	1,046,524.70	374,259.10
Total Assets	3,947,029.06	2,432,619.78
LIABILITIES AND EQUITY		
Liabilities:		
Accounts Payable Third Parties	126,931.50	122,679.55
Related Companies	19,915.50	
Banks		9,623.05
Other Accounts Payable (short term)		
Third Parties	319,721.27	498,187.34
Shareholders	68,199.05	183,943.08
Accrued Liabilities & Deferred Income	717,117.67	368,199.16
Long Term Liabilities Third Parties		63,484.00
Shareholders	1,614,662.00	114,662.00
Provisions	, , , , , , , , , , , , , , , , , , , ,	,
Guaranties	55,000.00	55,000.00
Others	136,000.00	235,275.75
Total Liabilities	3,057,546.99	1,651,053.93
Shareholders' Equity:		
Share Capital	400,000.00	400,000.00
Legal Reserve Fund	20,200.00	13,500.00
Reserves for Treasury Stock	10,000.00	
Free Reserves	351,000.00	235,000.00
Cumulative Profit		
Carry Forward	365.85	946.62
Profit Current Year	107,916.22	132,119.23
Total Shareholders' Equity	889,482.07	781,565.85
.ocal Sharcholder 5 Equily		
Total Liabilities & Equity	3,947,029.06	2,432,619.78
	=========	

# **INCOME STATEMENT**

	1997	1996
FADALANCE	CHF	
EARNINGS Earning Sales		5,213,708.55 (10,000.00)
Adjustments Work in Progress Activated Development Costs	530,000.00	11,475.00 
Total Earnings	6,076,670.13	5,215,183.55
EXPENSES		
Materials & Services	504,691.22	272,824.45
Personnel Expenses	4,653,153.25	3,726,586.47
Rentals & Leasing	159,367.60	130,599.50
Financial Expenses	36,336.55	10,033.35
Maintenance & Repair	178,657.05	99,697.70
Insurance on Assets	30,309.30	
Professional Literature	12,645.65	11,583.05
Office & Administration	222,241.33	203,308.53
Advertising & Exhibitions	66,184.45	
Other Expenses	8,458.40	
Depreciation / Value Adjustments	188,130.00	
Total Expenses		5,010,586.16
Operating Result before Taxes	16,495.33	204,597.39
NON-OPERATIONAL & EXTRAORDINARY EARNINGS		
Financial Earnings	5,413.88	1,737.50
Profit on Sales of Assets	150,000.00	
	155,413.88	1,737.50
NON-OPERATIONAL & EXTRAORDINARY EXPENSES & TAXES		
Government Taxes		74,215.66
Net Profit/Lossnon-operational, extraordinary and		
tax positions		(72,478.16)
Net Profit Enterprise	107,916.22	132,119.23

#### NOTES TO FINANCIAL STATEMENTS

	CHF	DECEMBER 31, 1996 CHF
1.Liabilities "leasing contracts"	28,552	49,319
2.Insurance Value		
Fixed Assets	730,000	730,000
3.Liabilities "Employee Benefits		
Plan"		91,755
4.Investments in Subsidiaries:		
Swiss Security Service Laboratory,		
CH-Solothurn		
Book Value:	200,000	
Share Capital:	400,000	
Loss Subsidiary 1997:	102,700	
Participating Share in %:	50%	
5.0wn Shares\Treasury Stock		
Purchase as per 06/10/1997 Number of		
Shares:	10	
Sold as per: Number of Shares:		
Inventory as per 12/31/1997:	10	

#### 6. OTHER REMARKS

The foregoing balance sheet and income statement meet the legal requirements of Swiss law as well as the principles of lawful accounting. The depreciations and value adjustments were made adequately and within Swiss tax provisions.

#### 7. RECONCILIATION TO GENERALLY ACCEPTED ACCOUNTING PRINCIPLES IN THE UNITED STATES

The financial statements have been prepared in accordance with accounting principles generally accepted in Switzerland ("Swiss GAAP") which, in certain respects, differ from accounting principles generally accepted in the United States ("US GAAP"). The following is a reconciliation of net income and shareholder's equity from Swiss GAAP to US GAAP, followed by a description of the accounting principle differences:

	1997	1996
	CHF	CHF
Reconciliation of Net Income:		
Net income per local financial statements	107,916	132,119
Description of items having the effect of increasing reported income:		
Excess provisions not required under US GAAP		23,000
Deferred income tax provided on a US GAAP basis	16,800	
Income tax provided on a statutory full accruals basis	18,485	
Description of items having the effect of decreasing reported income:		
Equity method of accounting for investment	(1,350)	
Deferral of future license fees revenue	(64,939)	(72,000)
Recognition of development costs under US GAAP	(530,000)	
Income tax provided on a statutory full accruals basis		(25,744)
Deferred income tax provided on a US GAAP basis		(16,800)
Accrued liabilities	(50,623)	
Net income according to generally accepted accounting		
principles in the United States	(503,711)	40,575
	=======	

#### NOTES TO FINANCIAL STATEMENTS--(CONTINUED)

	1997 CHF	
Reconciliation of Shareholders' Equity: Shareholders' equity per local financial statements Description of items having the effect of increasing re- ported shareholders' equity:	889,482	781,566
Excess provisions not required under US GAAP	142,000	142,000
Description of items having the effect of decreasing reported shareholders' equity:		2
Equity method of accounting for investment	(1,350)	
Deferral of future license fees revenue	(136,939)	(72,000)
Shareholder stock	(10,000)	
Recognition of development costs under US GAAP	(530,000)	
Income tax provided on a statutory full accruals basis	(7,259)	(25,744)
Deferred income tax provided on a US GAAP basis		(16, 800)
Accrued liabilities	(50,623)	
Shareholders' equity according to generally accepted		
accounting principles in the United States	295,311	809,022

#### **Excess Provisions**

Swiss GAAP provides for the recognition of certain provisions (e.g., uncollectable accounts receivable and warranty reserves) based upon income tax planning schemes. These provisions are provided for under US GAAP based upon reasonable estimates as determined by management. The adjustments shown as "excess provisions not required under US GAAP" represent the differences between the two accounting principles.

#### **Equity Method of Accounting**

US GAAP requires that companies record investments in subsidiaries, which it maintains significant influence over management of the business, using the equity method of accounting. The adjustment shown as "equity method of accounting for investment" represents the difference in the accounting for a subsidiary recorded using the cost method of accounting provided by Swiss GAAP versus the equity method of accounting required by US GAAP.

#### **Deferral of Future License Fees Revenue**

US GAAP requires that revenues, which are not earned, be deferred and recognized when the earnings process has been completed. The adjustments shown as "deferral of future license fees revenue" removes from income amounts for which the earnings process is not complete. The Company will recognize such future revenues under U.S. GAAP when the related software is delivered, other remaining vendor obligations are no longer significant and collectibility is probable.

#### **Development Costs**

US GAAP requires that when an asset held for production becomes impaired that the carrying value of such asset be adjusted to reflect the impairment. The adjustments shown as "recognition of development costs under US GAAP" represents charges to income for previously deferred product development costs of a product that has been discontinued for future production.

#### NOTES TO FINANCIAL STATEMENTS--(CONTINUED)

#### **Accrued Liabilities**

US GAAP requires that expenses be recognized in the period incurred. The adjustment shown as "accrued liabilities" represents costs incurred during the current period but not recorded until the subsequent period under Swiss GAAP.

#### Shareholders' Stock

US GAAP requires that investments in stock of the same company be reclassified to shareholders' equity to offset the shareholders' capital stock. The adjustment shown as "shareholder stock" represents the reclassification of an investment in the shareholder stock by the company.

Swiss GAAP does not require that a statement of cash flow be presented as a basic financial statement. The following is a statement of cash flows for the years ended December 31, 1997 and 1996 compiled in accordance with US GAAP.

	1997 CHF	1996 CHF
Cash flows from operating activities: Net income as reconciled under US GAAP Adjustments to reconcile net income to net cash provided by operating activities:	(503,711.00)	40,575.00
Depreciation and amortization Gain on sale of investment Change in assets and liabilities	188,130.00 (150,000.00)	283,556.00 
(Increase)/decrease in accounts receivable (Increase)/decrease in other debtors (Increase) in work in progress Increase in prepaid expenses Increase in accounts payable and accrued	(354,535.00) (10,393.00) (8,010.00) (37,779.00)	25,711.00 28,839.00 42,900.00 (79,222.00)
expenses	265,653.00	340,716.00
<pre>(Decrease)/increase in deferred taxes (Decrease)/increase in deferred taxes (Decrease)/increase in other liabilities</pre>	(5,863.00) (16,800.00) (236,894.00)	16,800.00 141,379.00
Total adjustments	(366,491.00)	-
Net cash (used in) provided by operating activities Cash flows from investing activities:		
Proceeds from sale of investment Proceeds from sale of securities Purchase of investments Purchase of capital assets	250,000.00 49,528.00 (200,000.00) (233,466.00)	• • •
Net cash used in investing activities Cash flows from financing activities: Increase in shareholder loans		,
Repayment of third party loans	(63,484.00)	
Net cash provided by (used in) financing activities Net increase in cash Cash at beginning of year	432,376.00	(31,056.00) 553,858.00 667,117.00
Cash at end of year		1,220,975.00 ======

### NOTES TO FINANCIAL STATEMENTS--(CONTINUED)

#### SUPPLEMENTAL DISCLOSURES OF CASH FLOW INFORMATION:

The amounts paid in interest and income taxes for the years ended December 31, 1997 and 1996 approximate such amounts reported as expensed in the Income Statement for such periods.

#### PROPOSED APPROPRIATION OF AVAILABLE EARNINGS AND FREE RESERVES

	CHF
Carry forward	365.85
Profit current year	107,916.22
Cumulative profit December 31, 1997	108,282.07

The board of directors proposes the appropriation of the cumulative profit as follows:

	CHF
Distribution of profit in form of shares of the Securights AG (subsidiary, in the process of being founded) during 1998 Allocation to the legal reserve fund, according to the	102,500.00
requirements of Swiss law (article 671 I 1 OR)	5,400.00
Carry forward	382.07
	108,282.07

Proposition of the board of directors to allocate funds of the free reserves to the legal reserve fund in order to comply with article 671 II 3 OR (payment of bonus/dividend of CHF 102,500.--out of the current year profit)

	CHF
Free reserves before allocation	
Free reserves before allocation	342,750.00

Further a proposition of the board of directors to distribute a dividend of CHF 227,500.--during 1998 from the free reserves, in addition the proposition of the board of directors to allocate funds of the free reserves to the legal reserve fund in order to comply with article 671 II 3 OR (payment of bonus/dividend of CHF 227,500.--from the free reserves)

	CHF
Free reserves before allocation	342,750.00
Distribution of a bonus/dividend during 1998 from the free	
reserves	(227,500.00)
Allocation to the legal reserve fund, according to the	
requirements of Swiss law (article 671 II 3 OR)	(22,750.00)
Free reserves after distribution of the bonus/dividend and	
allocation to the legal reserve fund	92,500.00

Proposition of the board of directors to distribute the above mentioned dividend in form of shares of the Securights AG (subsidiary, in the process of being founded)

# ENTRUST TECHNOLOGIES INC

## PRO FORMA CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

On June 8, 1998 the Company completed the acquisition of r/3/ Security Engineering AG ("r/3/"), a company based in Zurich, Switzerland which provides consulting, applied research and product development services related to commercial security and encryption solutions.

The accompanying unaudited condensed consolidated statements of operations for the six months ended June 30, 1998 and the year ended December 31, 1997 assume the acquisition took place as of the beginning of the periods presented, and combine the Company's and r/3/s statements of operations.

Adjustments have been made to r/3/s statements to conform to the Company's presentation. The statements of operations for r/3/ were translated at the average exchange rates for the year ended December 31, 1997 and for the six months ended June 30, 1998. Adjustments were also made to conform to U.S. generally accepted accounting principles.

The acquisition has been accounted for as a purchase. The purchase price allocation reflected in the accompanying pro forma condensed consolidated financial statements has been prepared on a preliminary basis. The purchase price allocation will be adjusted based on final valuations of assets acquired. The purchase price allocation includes a write-off of approximately \$20,208,000 for acquired in-process research and development costs. (See notes to Pro Forma Condensed Consolidated Financial Statements.)

The method of combining historical financial statements for preparation of the pro forma condensed consolidated financial statements is for presentation only. Actual statements of operations of the companies will be combined commencing on the effective date. The unaudited pro forma information does not purport to represent what the Company's operations or financial position actually would have been had the acquisition occurred on the dates specified, or to project the Company's results of operation or financial position for any future period or date.

The accompanying pro forma condensed consolidated financial statements should be read in conjunction with the historical financial statements and related notes thereto for both the Company and r/3/.

# ENTRUST TECHNOLOGIES INC.

## UNAUDITED PRO FORMA CONDENSED CONSOLIDATED STATEMENT OF OPERATIONS

# SIX MONTHS ENDED JUNE 30, 1998

(IN THOUSANDS OF DOLLARS, EXCEPT SHARE AND PER SHARE DATA)

		ORICAL	PRO FOR	
			ADJUSTMENTS	ENTRUST
Revenues:				
License Services and maintenance	1,518	\$ 15,845 5,093		\$ 15,928 6,611
Total revenues		20,938		22,539
Cost of revenues:				
License	3	812		815
Services and maintenance	883	3,098		3,981
Total cost of revenues	886	3,910		4,796
Gross profit		17,028		17,743
Operating expenses: Sales and marketing Research and development General and administrative Acquired in-process research and development	415 501 674	11,008 5,357	356 (a) (20,208)(b)	11,423 5,858 3,301 
Total operating expenses	1,590	38,844	(19,852)	20,582
Loss from operations Interest income	(875) 1	(21,816) 217		(2,839) 145
Loss before benefit for income taxes Benefit for income taxes	(874)	(21,599) 160	19,779 	(2,694) 160
Net income (loss)	\$ (874)	\$ (21,439)		\$ (2,534)
Net income (loss) per share Basic Diluted Weighted average common shares outstanding Basic		\$ (0.69) \$ (0.69) 30,848,689		\$ (0.08)(d) \$ (0.08)(d) 31,873,308 (e)
Diluted		46,685,839		47,710,458 (e)

# ENTRUST TECHNOLOGIES INC.

# UNAUDITED PRO FORMA CONDENSED CONSOLIDATED STATEMENT OF OPERATIONS

# YEAR ENDED DECEMBER 31, 1997 (IN THOUSANDS OF DOLLARS, EXCEPT SHARE AND PER SHARE DATA)

	HISTORICAL PRO FORMA			
	R/3/	ENTRUST	ADJUSTMENTS	ENTRUST
Revenues:				
License Services and	\$ 688	\$ 16,486		\$ 17,174
maintenance	2,941	8,520		11,461
Total revenues	3,629	25,006		28,635
Cost of revenues: License Services and	10	502		512
maintenance	1,581	4,414		5,995
Total cost of revenues	1,591	4,916		6,507
	1,591	4,910		
Gross profit	2,038	20,090		22,128
Operating expenses: Sales and marketing Research and	582	11,193		11,775
development General and	866	5,692		6,558
administrative	1,024	3,695	710 (a)	5,429
Totol succession				
Total operating expenses	2.472	20,580	710	23,762
Loss from operations Interest income	(434)	(490)	(710)	(1,634)
(expense)		723	(176)(c)	
Gain on sale of assets	99			99
Income (loss) before benefit for income				
taxes Benefit for income	(333)	233	(886)	(986)
taxes		281		281
Net income (loss)	\$ (333)(/3/)	\$ 514	\$(886) =====	\$ (705) ======
Net income (loss) per share				
Basic Diluted		\$ 0.02 \$ 0.01		\$ (0.02)(d) \$ (0.02)(d)
Weighted average common shares outstanding Basic		30,700,000		31,867,288 (e)
Diluted		41,742,972		42,910,260 (e)

# ENTRUST TECHNOLOGIES INC.

# NOTES TO PRO FORMA CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

#### 1. PRO FORMA ADJUSTMENTS

Certain pro forma adjustments have been made to the accompanying condensed consolidated financial statements, based on the acquisition of r/3/ for approximately \$23.8 million (\$4.4 million in cash, \$17.0 million representing 1,167,288 shares of the Company's Series A common stock, approximately \$1 million in assumed liabilities and acquisition expenses, and \$1.4 million of adjustments to the June 8, 1998 balance sheet of r/3/ to record the assets acquired from r/3/ at fair value) and based on the allocation of \$20.2 million to in-process research and development costs and \$3.6 million to goodwill and the elimination of the r/3/ equity accounts, as described below:

(a) Reflects the preliminary allocation of purchase price to goodwill being amortized on a straight line basis over 5 years.

(b) Reflects the reversal of the write-off for acquired in-process research and development in June 1998 of \$20.2 million.

(c) Reflects assumed reduction to interest income earned on 4.4 million in cash paid to r/3/ shareholders as part of the purchase consideration.

(d) The Company's computation of basic earning per share under Statement of Financial Accounting Standards No. 128, "Earnings per Share," would have been \$(0.02) and \$(0.08) for the year ended December 31, 1997 and the six months ended June 30, 1998, respectively.

(e) Reflects the impact of Series A common stock issued in the acquisition as if outstanding from the beginning of each period.

# 2. PURCHASE PRICE ALLOCATION

In connection with the purchase price allocation, the Company received an independent appraisal of the intangible assets which indicated a substantial portion of the acquired intangible assets consisted of in-process product development. The development of these projects had not reached technological feasibility and the technology has no alternative future use. In accordance with generally accepted accounting principles, the acquired in-process product development of \$20.2 million is being charged to expense by the Company in its second quarter ended June 30, 1998 and is reflected as a decrease in retained earning in the accompanying pro forma condensed consolidated balance sheet and is excluded from the accompanying condensed consolidated statements of operations.

#### 3. FOREIGN EXCHANGE

The financial statements of r/3/ have been translated from Swiss francs into United States dollars at the average rates of .66 for the year ended December 31, 1997 and .67 for the period ended June 30, 1998.

#### UNDERWRITING

Subject to the terms and conditions of the Underwriting Agreement, the Company and the Selling Stockholders have agreed to sell to each of the U.S. Underwriters named below, and each of such U.S. Underwriters, for whom Goldman, Sachs & Co., Donaldson, Lufkin & Jenrette Securities Corporation, NationsBane Montgomery Securities LLC and UBS AG, acting through its subsidiary Warburg Dillon Read LLC, are acting as representatives, has severally agreed to purchase from the Company and the Selling Stockholders, the respective number of shares of Common Stock set forth opposite its name below:

	NUMBER OF
	SHARES OF
	COMMON
UNDERWRITER	STOCK
Goldman, Sachs & Co	
Donaldson, Lufkin & Jenrette Securities Corporation	1,206,834
NationsBanc Montgomery Securities LLC	965,467
UBS AG, acting through its subsidiary Warburg Dillon Read LLC	965,467
Merrill Lynch, Pierce, Fenner & Smith Incorporated	154,000
BancAmerica Robertson Stephens LLC	154,000
Dain Rauscher Wessels, A Division of Dain Rauscher Incorporated	77,000
First Albany Corporation	77,000
Gruntal & Co., L.L.C.	77,000
Hambrecht & Quist LLC	154,000
Edward D. Jones & Co., L.P	77,000
Nesbitt Burns Securities Inc	154,000
RBC Dominion Securities Corporation	154,000
Scotia Capital Markets (USA) Inc	154,000
SoundView Financial Group, Inc	77,000
Stephens Inc	77,000
Total	6,213,334

Under the terms and conditions of the Underwriting Agreement, the U.S. Underwriters are committed to take and pay for all of the shares offered hereby, if any are taken.

The U.S. Underwriters propose to offer the shares of Common Stock in part directly to the public at the initial public offering price set forth on the cover page of this Prospectus and in part to certain securities dealers at such price less a concession of \$.68 per share. The U.S. Underwriters may allow, and such dealers may reallow, a concession not in excess of \$.10 per share to certain brokers and dealers. After the shares of Common Stock are released for sale to the public, the offering price and other selling terms may from time to time be varied by the representatives.

The Company and the Selling Stockholders have entered into an underwriting agreement (the "International Underwriting Agreement") with the underwriters of the international offering (the "International Underwriters") providing for the concurrent offer and sale of 1,553,333 shares of Common Stock in an international offering outside the United States and Canada. The offering price and aggregate underwriting discounts and commissions per share for the two offerings are identical. The closing of the offering made hereby is a condition to the closing of the international offering, and vice versa. The representatives of the International Underwriters are Goldman Sachs International, Donaldson, Lufkin & Jenrette International, NationsBane Montgomery Securities LLC and UBS AG, acting through its division Warburg Dillon Read.

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Pursuant to an Agreement between the U.S. and International Underwriting Syndicates (the "Agreement Between") relating to the two offerings, each of the U.S. Underwriters named herein has agreed that, as a part of the distribution of the shares offered hereby and subject to certain exceptions, it will offer, sell or deliver the shares of Common Stock, directly or indirectly, only in the United States of America (including the States and the District of Columbia), its territories, its possessions and other areas subject to its jurisdiction (the "United States"), in Canada, its territories, its possessions and other areas subject to its jurisdiction (the "United States or Canada or (b) any corporation, partnership or other entity organized in or under the laws of the United States, Canada or any political subdivision thereof and whose office most directly involved with the purchase is located in the United States or Canada. Each of the International Underwriters has agreed pursuant to the Agreement Between that, as part of the distribution of the shares offered as a part of the international offering, and subject to certain exceptions, it will (i) not, directly or indirectly, offer, sell or deliver shares of Common Stock (a) in the United States or Canada or to any U.S. or Canadian persons, and (ii) cause any dealer to who it may sell such shares at any concession to agree to observe a similar restriction.

Pursuant to the Agreement Between, sales may be made between the U.S. Underwriters and the International Underwriters of such number of shares of Common Stock as may be mutually agreed. The price of any shares so sold shall be the initial public offering price, less an amount not greater than the selling concession.

The Selling Stockholders have granted the U.S. Underwriters an option exercisable for 30 days after the date of this Prospectus to purchase up to an aggregate of 932,000 additional shares of Common Stock solely to cover over- allotments, if any. If the U.S. Underwriters exercise their over-allotment option, the U.S. Underwriters have severally agreed, subject to certain conditions, to purchase approximately the same percentage thereof that the number of shares to be purchased by each of them, as shown in the foregoing table, bears to the 6,213,334 shares of Common Stock offered. The Selling Stockholders have granted the International Underwriters a similar option to purchase up to an aggregate of 233,000 additional shares of Common Stock.

The Company, its directors, officers, stockholders, including the Selling Stockholders, and optionholders have agreed that, during the period beginning from the date of this Prospectus and continuing to and including the date 180 days after the date of this Prospectus, they will not offer, sell, contract to sell or otherwise dispose of any securities of the Company (other than pursuant to employee stock option plans existing, or on the conversion or exchange of convertible or exchangeable securities outstanding, on the date of this Prospectus) which are substantially similar to the shares of the Common Stock or which are convertible into or exchangeable for securities which are substantially similar to the shares of the Common Stock without the prior written consent of the representatives, except for the shares of Common Stock offered in connection with the Offerings. In addition, the Company may issue shares of Common Stock in connection with any acquisition of another company if the terms of such issuance provide that such Common Stock shall not be resold prior to the expiration of the 180-day period referenced in the preceding sentence.

At the request of the Company, the Underwriters have reserved for sale, at the initial public offering price and subject to local laws for any international sales, up to approximately 353,333 shares of Common Stock for Zeron Capital and Odyssey, which are funds associated with the Company's Japanese distributor (the "Distributor Funds"). The Distributor Funds have expressed an interest in purchasing such shares in the Offerings. The Distributor Funds have also expressed their intention to enter into lock-up agreements with the Representatives of the Underwriters if such sales take place,

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under which they will agree not to sell approximately 176,667 shares for 180 days and the remaining approximately 176,666 shares for 12 months after the date of this Prospectus. In addition, at the request of the Company, the Underwriters have reserved for sale, at the initial public offering price, 346,267 shares of Common Stock for certain employees and associates of the Company. There can be no assurance that any of the reserved shares will be purchased. The number of shares available for sale to the general public in the Offerings will be reduced by the number of reserved shares sold. Any reserved shares not so purchased will be offered to the general public on the same basis as the other shares offered hereby.

The representatives of the Underwriters have informed the Company that they do not expect sales to accounts over which the Underwriters exercise discretionary authority to exceed five percent of the total number of shares of Common Stock offered by them.

In connection with the Offerings, the Underwriters may purchase and sell the Common Stock in the open market. These transactions may include over-allotment and stabilizing transactions and purchases to cover syndicate short positions in connection with the Offerings. Stabilizing transactions consist of certain bids or purchases for the purpose of preventing or retarding a decline in the market price of the Common Stock; and syndicate short positions involve the sale by the Underwriters of a greater number of shares of Common Stock than they are required to purchase from the Company in the Offerings. The Underwriters also may impose a penalty bid, whereby selling concessions allowed to syndicate members or other broker-dealers in respect of the securities sold in the Offerings for their account may be reclaimed by the syndicate if such shares of Common Stock are repurchased by the syndicate in stabilizing or covering transactions. These activities may stabilize, maintain or otherwise affect the market price of the Common Stock, which may be higher than the price that might otherwise prevail in the open market; and these activities, if commenced, may be discontinued at any time. These transactions may be effected on the Nasdaq National Market, in the over-the-counter market or otherwise.

An affiliate of Donaldson, Lufkin & Jenrette Securities Corporation, a representative of the Underwriters, is the beneficial owner of approximately 500,000 shares of the Company's Common Stock. Scotia Capital Markets (USA) Inc., an Underwriter in the Offerings, is an affiliate of a customer of the Company.

Prior to the Offerings, there has been no public market for the Shares. The initial public offering price was negotiated among the Company and the representatives of the U.S. Underwriters and the International Underwriters. Among the factors considered in determining the initial public offering price of the Common Stock, in addition to prevailing market conditions, were the Company's historical performance, estimates of the business potential and earnings prospects of the Company, an assessment of the Company's management and the consideration of the above factors in relation to market valuation of companies in related businesses.

The Common Stock has been approved for quotation on the Nasdaq National Market under the symbol "ENTU".

The Company and the Selling Stockholders have agreed to indemnify the several Underwriters against certain liabilities, including liabilities under the Securities Act of 1933.

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### [Inside back cover]

Centered at the top of the page is the caption "Enterprise Security with Real-World PKI Solutions." Filling the bottom twothirds of the page is a photo montage containing various computer-related images and a globe. The Company's logo is in the lower right-hand corner of the page. NO PERSON HAS BEEN AUTHORIZED TO GIVE ANY INFORMATION OR TO MAKE ANY REPRE- SENTATIONS OTHER THAN THOSE CONTAINED IN THIS PROSPECTUS, AND, IF GIVEN OR MADE, SUCH INFORMATION OR REPRESENTATIONS MUST NOT BE RELIED UPON AS HAVING BEEN AUTHORIZED. THIS PROSPECTUS DOES NOT CONSTITUTE AN OFFER TO SELL OR THE SOLICITATION OF AN OFFER TO BUY ANY SECURITIES OTHER THAN THE SECURITIES TO WHICH IT RELATES OR AN OFFER TO SELL OR THE SOLICITATION OF AN OFFER TO BUY SUCH SECURITIES IN ANY CIRCUMSTANCES IN WHICH SUCH OFFER OR SOLICITATION IS UNLAWFUL. NEITHER THE DELIVERY OF THIS PROSPECTUS NOR ANY SALE MADE HEREUNDER SHALL, UNDER ANY CIRCUMSTANCES, CREATE ANY IMPLICATION THAT THERE HAS BEEN NO CHANGE IN THE AFFAIRS OF THE COMPANY SINCE THE DATE HEREOF OR THAT THE INFOR- MATION CONTAINED HEREIN IS CORRECT AS OF ANY TIME SUBSEQUENT TO ITS DATE.

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THROUGH AND INCLUDING SEPTEMBER 11, 1998 (THE 25TH DAY AFTER THE DATE OF THIS PROSPECTUS), ALL DEALERS EFFECTING TRANSACTIONS IN THE COMMON STOCK, WHETHER OR NOT PARTICIPATING IN THIS DISTRIBUTION, MAY BE REQUIRED TO DELIVER A PRO- SPECTUS. THIS IS IN ADDITION TO THE OBLIGATION OF DEALERS TO DELIVER A PRO- SPECTUS WHEN ACTING AS UNDERWRITERS AND WITH RESPECT TO THEIR UNSOLD ALLOT- MENTS OR SUBSCRIPTIONS.

#### 7,766,667 SHARES

#### ENTRUST TECHNOLOGIES INC.

COMMON STOCK (PAR VALUE \$.01 PER SHARE)

# LOGO

# GOLDMAN, SACHS & CO.

# DONALDSON, LUFKIN & JENRETTE NATIONSBANC MONTGOMERY SECURITIES LLC WARBURG DILLON READ LLC REPRESENTATIVES OF THE UNDERWRITERS