About Us

EOIR Technologies was founded in 1981 as a technology services company serving agencies within the Department of Defense, Department of Homeland Security, and several segments of the Intelligence Community. In 2009, EOIR Technologies acquired CSP Technologies, a software development team with over 15 years of experience developing software applications for the U.S. Army. CSP Technologies’ work with the U.S. Army’s Distributed Common Ground System Multi-function Work Station, Geo-Tracker, and Fusion applications provides enhanced software development and integration capability to EOIR’s vast suite of sensor technology expertise.

EOIR provides a mixture of on-site and off-site support to its rapidly expanding customer base. The U.S. Army’s Night Vision and Electronic Sensors Directorate (NVESD) is our biggest customer, and has been for nearly 30 years. Our technical and program management support extends across all seven of NVESD’s technical and operations divisions. In addition to NVESD, EOIR supports other Army organizations including the Intelligence and Information Warfare Directorate (I2WD); Command and Control Directorate (C2D); PEO Intelligence, Electronic Warfare, and Sensors (IEW&S); PEO Soldier; National Ground Intelligence Center (NGIC); and the Intelligence and Security Command (INSCOM).

In recent years, EOIR has expanded its customer base to include all branches of the Armed Forces and more agencies within the Intelligence Community. EOIR now provides critical support to the U.S. Special Operations Command (USSOCOM), Marine Corps Systems Command (MARCORSYSCOM), Naval Surface Warfare Center – Dahlgren Division (NSWC), and multiple members of the Intelligence Community, such as the National Geospatial-Intelligence Agency (NGA), Office of Naval Intelligence (ONI), and National Maritime Intelligence Center (NMIC).

With a growing worldwide presence, EOIR continues to deliver proven results by serving the U.S. Government, military, and homeland defense communities with the highest professional standards.
The following are EOIR's Board of Directors:

- Co-Chairman, Dr. Mark Mykityshyn
- Co-Chairman, Chris Melton
- Member, Dr. Joe Mackin
- Member, Bob Giordano
- Member, Mark Lister
- Member, John Miller
The organizational chart below outlines EOIR's management structure:
EOIR operates in the following locations:

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10300 Spotsylvania Ave., Suite 420
Fredericksburg, VA 22408
Phone: (540) 834-4888
Email: info@eoir.com

**Jackson Square Office**
4729 Carr Drive
Fredericksburg, VA 22408
Phone: (540) 710-1591

**Aberdeen Office**
6165 Guardian Gateway, Suite J
Aberdeen Proving Ground, MD 21005
Phone: (410) 306-8720
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**Tampa Office**
3001 North Rocky Point Drive East, Suite 200
Tampa, FL 33607
Phone: (813) 281-4822
**Springfield Office**
6800 Backlick Road, Suite 300
Springfield, VA 22150
Phone: (703) 912-3279

**Dayton Office**
2900 Presidential Drive, Suite 360
Fairborn, OH 45324

**Eatontown Office**
23 Christopher Way
Eatontown, NJ 07724
Phone: (732) 759-6300

**Lorton Office**
9010 Lorton Station Boulevard, Suite 240
Lorton, VA 22079
Phone: (571) 339-1700

**Dahlgren Office**
5182 Potomac Drive
King George, VA 22485
Locations

Toms River Office
1144 Hooper Avenue
Toms River, NJ 08753
Phone: (732) 228-7413

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Contracts

The menu to the left highlights some of EOIR's major contracts within the following customer base:

- U.S. Army, Night Vision and Electronic Sensors Directorate (NVESD)
- Program Manager (PM) Night Vision/Reconnaissance Surveillance and Target Acquisition (NV/RSTA)
- PM Special Programs (SP)
- Marine Corps Systems Command (MARCORSYSCOM)
- Naval Surface Warfare Center (NSWC)
- National Maritime Intelligence Center (NMIC)
- National Geospatial-Intelligence Agency (NGA)
- National Ground Intelligence Center (NGIC)
- Office of Naval Intelligence (ONI)
- Intelligence and Information Warfare Directorate (I2WD)
- Space & Terrestrial Communications Directorate (S&TCD)
- Joint IED Defeat Organization (JIEDDO)
- Air Force Research Laboratory (AFRL)

Business Resources

To submit a Request for Proposal (RFP) to EOIR or to request additional information on any of the listed contracts, contact the Strategic Initiatives Office at sio@eoir.com.
EOIR is developing a video processing, analytics, and Cloud computing project that will provide immediate intelligence, including movement prediction and real-time threat identification, to the Warfighter through a handheld device. This program will provide the customer with the ability to aggregate and analyze location and radar data at large scale with advanced data analysis and visualization capabilities to provide faster data ingestion for exploitation, storage, and analysis. This effort processes Ground Moving Target Indicator (GMTI) and Position Location Information (PLI) data, allows analysts to interact with that data, and helps analysts to extract information on patterns of life and enemy Tactics, Techniques, and Procedures (TTPs). It uses algorithms to detect changes and anomalies in the immediate area of operations surrounding the Warfighter, analyzing patterns of normal movement vs. abnormal movement. This program automatically analyzes data, supports data fusion with other intelligence sources, and then uses the GMTI/PLI data fusion to predict upcoming contacts, threats, or Blue Force intercepts. These predictions are sent in the form of alerts to Warfighters on the tactical edge using handheld platforms, thus improving their situation awareness of surprise enemy contacts and ambushes and reducing Blue Force fratricide.
EOIR is extending its work on the Video Processing and Exploitation Framework (VPEF) into a number of video analytics contracts to provide Operational Preparation of the Environment (OPE) and improve the Warfighter’s situation awareness through enhanced route clearance technology, rapid automated full motion video exploitation from multiple sensors, and actionable intelligence on the massive amounts of video data that currently exists. EOIR’s support provides a solution to the problem of too much video and too little intelligence, and its solutions are scalable and standardized so they can be tested and stood up on other systems, thereby providing an emerging standard across the intelligence community.

EOIR is responsible for all of the technology development related to these contracts, including developing and integrating hardware and software, integrating sensors, and developing various algorithms designed to detect environmental abnormalities and activity.
WEBS

The Warrior Enabled Broad Sensing (WEBS) services contract vehicle supports mission research, development, test, and evaluation (RDT&E); prototype system fielding and sustainment; and program management tasks in support of the Night Vision and Electronic Sensors Directorate (NVESD) of the U.S. Army’s Research, Development, and Engineering Command (RDECOM).

As one of six Prime contractor awardees for the $1.7 billion WEBS contract, EOIR provides engineering support and technology assistance, including sensor technology engineering, systems engineering, technology demonstrations and field test support, modeling and simulation, prototype fabrication, field technology assistance, fielding and sustainment, administrative and operations support, and other program management and technical support. In support of this broad range of services, EOIR’s experienced technical staff offers an extensive array of skill sets including scientific, engineering, analytical, software development, manufacturing, and fabrication disciplines. As a Prime, EOIR leads a powerful team of industry technology leaders strategically selected for their expertise and reputation in supporting NVESD and the DoD community at large.

This contract supports task efforts under the responsibility of NVESD at Ft. Belvoir, VA and its satellite facility at Ft. A.P. Hill, VA; NVESD’s partner organizations across the DoD; Quick Reaction Programs (QRP); and other CONUS and OCONUS task efforts.

For more information on this contract, please contact EOIR’s Strategic Initiatives Office at sio@eoir.com.
Navy/Marine Corps SeaPort-e

Navy/Marine Corps SeaPort-e: SeaPort Enhanced

EOIR is proud to support the U.S. Navy and Marine Corps in Zone 2 (National Capital) through the SeaPort-e contract awarded May 2005.

EOIR is poised to meet the most urgent needs of today’s high-tech military. To support tasks under this contract, EOIR brings over 24 years of experience in DoD science and engineering research and development, including a large system integration effort for the Naval Surface Warfare Center Dahlgren Division (NSWCDD).

As a prime contractor on this effort, EOIR has assembled a highly qualified team of companies that each bring unique and complementary capabilities relevant to the tasks under this contract.

We feel confident that EOIR, with the help of our teammates, can meet the requirements of this contract to empower and protect the men and women of our nation’s Navy and Marine Corps, because, at EOIR, that is the way we serve.

Contract Information

The menu to the left provides detailed SeaPort-e contract information, including:

- Task Orders
- Team Members
- Services Experience
- Quality Assurance
- Contacts

For more information on this contract, please contact EOIR’s Strategic Initiatives Office at sio@eoir.com
The Quick Reaction Engineering for Warfighter Sensing (QREWS) contract vehicle provides engineering support, technology assistance, and test/evaluation support to the Night Vision and Electronic Sensors Directorate (NVESD) of the U.S. Army’s Research, Development and Engineering Command (RDECOM). EOIR is the Prime Contractor supporting research and development, systems engineering, technology demonstrations, modeling and simulation, prototype fabrication, limited fielding of prototypes, field support to deployed prototypes, field testing and data collection, engineering parts and materials management, and other program management and technical support. These services require personnel with scientific, engineering, analytical, computer programming, manufacturing, and various other technical skills. EOIR leads a team of subcontractors to support this large scale effort. The contract supports equipment and systems under the responsibility of NVESD at both Ft. Belvoir and Ft. AP Hill VA performing Quick Reaction Programs (QRP), Overseas Contingency Operations (OCO), Operation Enduring Freedom (OEF), and Operation Iraqi Freedom (OIF) requirements.

For more information on QREWS, please contact EOIR's Strategic Initiatives Office at sio@eoir.com.
U.S. Army - Sensor Technology Engineering Support Services (STES)

EOIR provides support for research and development, systems engineering, technology demonstrations, modeling and simulation of systems, prototype fabrication (one to several hundred), field testing and data collection, facilities and equipment maintenance, engineering parts and materials, networking, and other technical and administrative support.

For more information on this contract, please contact EOIR's Strategic Initiatives Office at sio@eoir.com.
U.S. Army - GSA

U.S. Army - General Services Administration

Counter Sniper Sensor Suite

EOIR supports multiple Ground Combat System Division (GCSD) programs related to the development and advancement of the Army's counter-sniper capabilities. Support includes sensor integration, IR camera characterization, digital video recorder design and assembly, and weapons station integration.

Humanitarian Demining In-House Prototype Development Support

This program supports the rapid development, demonstration, testing, and fielding of technologies to support the safety of humanitarian demining operations worldwide.

NVESD Ground Sensor Engineering Support

Task efforts focus on the Robotics, Urban and Ground Sensors Branch (RUGS) of the Ground Combat Systems Division. These requirements span the Research, Development, Test and Evaluation (RDT&E) spectrum including system development, integration, and field evaluation.

Program and Engineering Support for Sensor System Simulation Development

Task efforts support the Modeling and Simulation Division (MSD) mission to perform sensor performance simulation application and development activities of interest to the U.S. Army.

For more information on this contract, please contact EOIR's Strategic Initiatives Office at sio@eoir.com.
GSA - PES

U.S. General Services Administration (GSA) Professional Engineering Services (PES)

EOIR provides system design, engineering, and integration (SIN 871-3) services which involves translation of a system concept into a preliminary and detailed design, performing risk identification/analysis, mitigation, traceability, and then integrating the various components to produce a working prototype or model of the system. Typical associated tasks include, but are not limited to, computer-aided design, design studies and analysis, high-level detailed specification preparation, configuration, management and document control, fabrication, assembly/simulation, modeling, training, and consulting.

Test and Evaluation (SIN 871-4) services involve the application of various techniques which demonstrate that a prototype system performs in accordance with the objectives outlined in the original design. Typical associated tasks include, but are not limited to, testing of a prototype and first article(s) testing, environmental testing, independent verification and validation, reverse engineering, simulation and modeling (to test feasibility of a concept), quality assurance, physical testing of the product system, training, and consulting.

For more information on this contract, please contact EOIR's Strategic Initiatives Office at sio@eoir.com

NGIC

U.S. Army National Ground Intelligence Center (NGIC), Signatures Division Technical Suppor Contract (Prime)

EOIR Technologies, Inc. provides on-site and off-site engineering, intelligence analysis, and signatures collection support to the NGIC's Signatures Division within its Collection and Exploitation Directorate. EOIR has held the prime contract since 2002, supplying NGIC with collection, processing, exploitation, and dissemination (CPED) of measurement and signature intelligence (MASINT) products in support of the Warfighter, Force and Material Developers, the Intelligence Community, and others.

For more information on this contract, please contact EOIR's Strategic Initiatives Office at sio@eoir.com.

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INSCOM - GSA

U.S. Army Intelligence and Security Command - General Services Administration

EOIR works as the facility planner and provides labor support for the U.S. Army INSCOM.

For more information on this contract, please contact EOIR's Strategic Initiatives Office at sio@eoir.com.
Technology Services

EOIR specializes in a wide variety of services and products. From sensor development, design, and prototyping to sensor operation, testing, and data collection to data analysis, data processing, and training, EOIR can help you with virtually any aspect of the sensor lifecycle.

To the left is a list of the services we provide. Click on an entry to learn more.
Systems Integration

Our experience in the construction of prototype sensors and the integration of fielded and prototype sensors has proven critical to a number of initiatives from the development of autonomous mobile tactical sensor suites to the design and prototyping of new sensors using the latest in IR technology.

EOIR's Fredericksburg, VA facility offers a one-stop shop for Systems Engineering, Integration, Prototyping, Data Acquisition, Software Development Support, and Training. With an integrated, multi-disciplined team onsite and in close proximity to Ft. Belvoir and Ft. AP Hill, EOIR's Fredericksburg facility is in an excellent position to provide critical support to our customer base.
Technical field tests and operational missions fielding advanced sensor technology are critical to the development of our customers' emerging R&D programs. EOIR supports multiple offsite field data collections and operational missions for our customers on a regular basis.

EOIR maintains a team of experienced, deployable personnel who are experienced in the training, operation, and maintenance of various sensor systems. Many of EOIR's deployable personnel have recent military experience and are uniquely qualified to respond to Warfighter needs and requirements.
Data and Imagery Analysis

EOIR Technologies supports a wide range of field data collections for its customer base, including perceptions studies, engineering analyses, and model development. The scope of these efforts, along with the quality and quantity of data, varies according to mission requirements.

Data backup and reduction can be time consuming and can lead to delays in conducting perception studies, engineering analysis, and comparative studies following a field collection. Using customized software applications, EOIR conducts data reduction and quality control of imagery during the course of a technical or operational field collection. This minimizes delays upon redeployment.

In support of field data reduction and quality control, EOIR uses innovative and cost-effective methods of data backup.
Engineering Services

EOIR Technologies is uniquely qualified to provide engineering services to our customers. With our broad range of experience, we are able to provide mechanical, software, and hardware upgrades in the development of prototype sensor systems.

EOIR provides engineering services for a number of Army and Department of Defense efforts including developing custom humanitarian demining equipment, upgrading fielded systems to incorporate third-generation IR technology, and developing software and hardware components for large integrated collection systems.

EOIR maintains a 10,000-square-foot facility in Fredericksburg, VA which offers a one-stop shop for systems engineering, integration, prototyping, data acquisition, software development support, and training.

With an integrated, multi-disciplined team onsite and in close proximity to NVESD and Ft. AP Hill, EOIR's Fredericksburg facilities are in an excellent position to provide critical engineering services support.
Field Data Collections

EOIR offers proven performance in supporting the diverse aspects of field and operational data collection activities, including logistical, operational, and security support, development and operation of custom data acquisition systems, operation of advanced sensors, and ground truthing and databasing of sensor, ground truth, and parametric data.

EOIR supports field data collections at many of the test ranges in the U.S. and Europe as well as Overseas Contingency Operations (OCO). EOIR is able to tailor its test teams to the customer's requirements with analysts, engineers, and technicians able to deploy as mission needs warrant.
Intelligence Analysis

EOIR Technologies provides mission-critical training, analysis, and scientific support to the Department of Defense and the U.S. Intelligence Community. We offer a number of training aids, levels basic through advanced, through multiple delivery methods including Platform, Web-based, and Computer-based.

Our analysis support includes Geospatial Analysis, Measurement and Signals Intelligence (MASINT) support, and Imagery-derived Intelligence Products. EOIR also provides sensor science technical support for the Intelligence Community's R&D, Operations, Production, and Future Program initiatives.
Program Management

EOIR's program management staff is highly qualified and includes multiple graduates of the Defense Acquisition University (DAU), Acquisition-certified, and Program Management-certified individuals. Our PM specialists are well acquainted with DoD programs and have applicable experience in military sensor systems. They work closely with our customers to effectively manage their programs and are responsive to all program-related matters.

We support our Government PM leads in the development and execution of program plans, agreements, technical specifications, program budgets, and market research.
Rapid Prototyping

In order to best serve our customers and provide immediate support to the Warfighter, EOIR offers a rapid prototyping capability.

Today's continually evolving mission requirements need a rapid response. EOIR has the capability to fabricate, test, and field sensor technology items for the Warfighter in order to meet immediate mission requirements while awaiting large-scale production from industry.

In addition to meeting operational requirements, EOIR is capable of fabricating, testing, and delivering training items to the Warfighter.
Emerging Warfighter requirements extend across the spectrum of manned and unmanned sensors. EOIR Technologies offers proven performance to support its customers in meeting mission requirements in the areas of:

- Threat detection
- EO/IR sensors
- Acoustic and seismic sensors
- Biological sensors
- Chemical sensors

In addition, EOIR maintains a 10,000-square-foot facility in Fredericksburg, VA which provides a one-stop shop for Systems Engineering, Integration, Prototyping, Data Acquisition, and Software Development Support in the development of prototype manned and unmanned sensor systems.
Software Development

As a high-tech imaging company specializing in sensor technology, modeling and simulation, computer-based training, and image analysis, EOIR recognizes the critical importance of software development.

EOIR's Software Development Team develops customized software tools, applications, and libraries for data acquisition, image processing and analysis, visual and thermal simulations, and hardware/software integration.
Systems Engineering

In response to mission requirements, EOIR Technologies brings a strong set of systems engineering skills required to perform rapid prototyping of sensor systems including sensor science, systems design, project management, mechanical engineering, software engineering, electrical engineering, human factors, test and evaluation, documentation and training, and life cycle support.

EOIR's core competencies in thermal imaging, image intensification, optics, and laser technologies and related components are critical in designing prototype systems that surpass customer technical requirements while meeting stringent schedules and staying under budget.
Advanced Training

EOIR’s training packages are characterized by a highly interactive, multimedia-rich environment that provides instruction through a variety of learning modes.

Our training packages can be designed to include a learning management system (LMS) by which an instructor may monitor student progress through the course. The CBT and WBT applications allow for student-paced instruction that is consistent, repeatable, and available at essentially any time.
EOIR in the News

Featured Stories - 2014

04/29/14 - EOIR Goes Live with Deltek Cospoint as its Fully Integrated ERP System
01/23/14 - EOIR Becomes a Hortonworks System Integration Partner
01/09/14 - EOIR Announces a Partnership with Red Hat

Featured Stories - 2013

10/16/13 - EOIR Golf Fundraiser for TAPS Surpasses Goals
09/30/13 - EOIR Awarded $15 Million CP&I Contract
08/06/13 - EOIR Technologies, Inc. to Host 6th Annual TAPS Golf Outing
04/11/13 - EOIR Technologies, Inc. Announces Dr. Bruce Swett's Appointment to the Army Science Board
04/02/13 - EOIR Technologies Acquires Viecore FSD
03/19/13 - EOIR Technologies, Inc. Announces New Office Opening Near Wright-Patterson Air Force Base
02/06/13 - EOIR Technologies, Inc. Awarded $23 Million Task Order on the WEBS Contract

Featured Stories - 2012

11/15/2012 - EOIR ranked among the Defense Systems Super 75 "most innovative and agile companies operating in the net-centric battlespace" by Defense Systems magazine.
10/24/2012 - EOIR Technologies, Inc. Announces Appointment of Peter Cannito as Chief Operating Officer
09/30/2012 - EOIR Technologies Announces New Office in the Picatinny, NJ Applied Research Campus
01/26/2012 - EOIR Technologies Named One of Six Prime Winners of $1.78 Billion WEBS Contract

Featured Stories - 2011

11/16/2011 - EOIR Wins $83.7M Constant Hawk Contract
10/12/2011 - EOIR Wins $44.9M Seaport-e Task Order
06/01/2011 - EOIR Wins McFRETA SBIR Contract
03/09/2011 - EOIR Named Teaming Partner for FBI Triple S Contract
01/05/2011 - EOIR Participates in Win of Overseas BETSS-C Operators Contract

Featured Stories - 2010

10/20/2010 - EOIR Technologies is Awarded a $245M Contract by the Night Vision and Electronic Sensor Directorate (NVESD) for Engineering Support and Technology Assistance

Questions or comments? Please email sio@eoir.com

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