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M2M Software and Services

EDC
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M2M Software and Services
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- Consulting and Solution Design
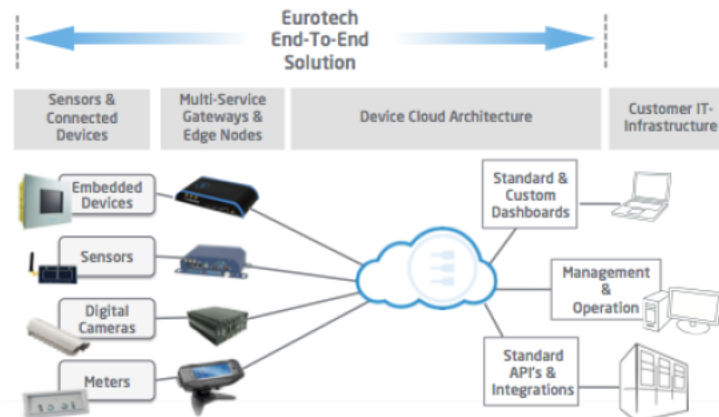
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M2M / IoT Software and Services

Machine to Machine (M2M) and **Internet of Things (IoT)** projects follow a common technological paradigm: intelligent devices, seamlessly connected to the Internet, enable remote services and provide actionable data. From Eurotech's point of view, the **IoT** acronym is more adopted in the consumer space while **M2M** has a stronger industrial connotation. For our purposes the two acronyms are equivalent, although we prefer M2M due to our industrial-grade hardware device manufacturing heritage.

Eurotech develops and offers the technical building blocks required to assemble distributed systems of devices and sensors which are effectively connected to IT infrastructures. Eurotech solutions are a combination of hardware, firmware, operating systems, programming frameworks that dramatically accelerate the time to market of **M2M / IoT** projects and enable customers to layer their added-value components on a reliable read-to-use infrastructure.

One of the most important aspects of the **"Internet of Things" (IoT)** vision is that smart objects communicate effectively with each other and with applications residing in data centers or the cloud. Eurotech develops and offers the technical building blocks required to build distributed systems of devices and sensors to be effectively interconnected with IT infrastructures.

Eurotech solutions are a combination of hardware, firmware, operating systems, programming frameworks and external infrastructure that enable customers focus on their core activities.

From the individual developer to the largest system integrator, now with Eurotech

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News

4/2/2014
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3/18/2014
Eurotech Presents Live Demo of Internet of Things (IoT) Applications as IoT Day Sponsor at EclipseCon 2014
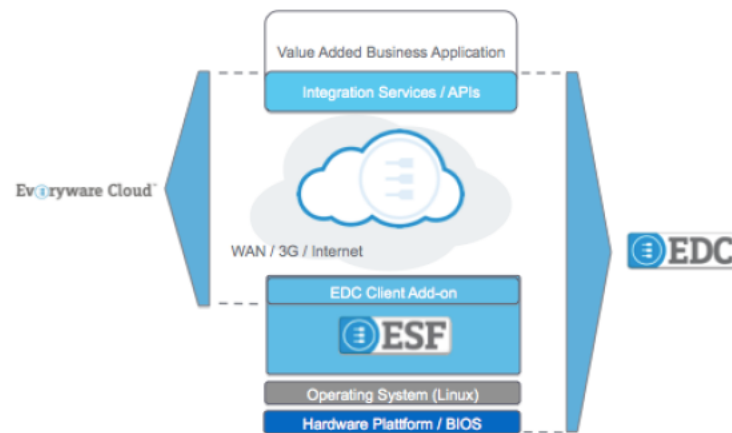
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solutions it is possible to cut ime to market and deliver scalable, cost effec ive projects wi hout the need to care about low level details and external infrastructure.

The combina ion of Eurotech ESF software framework and he Everyware Cloud permit a dramatic acceleration of the completion of even the most complex project and drama ically reduce he overall costs, by eliminating he need to deal with the implementation of wired and wireless infrastructures, data management and storage, protocol translation and the integra ion in the business application.

ESF is Eurotech's Everyware Software Framework, a programming environment hat wraps the complexity of low level device management with high level constructs. This approach permits simpler and faster programming, wi h shorter, easier to read code and transparent portability across different hardware platforms.

Everyware Cloud is a complete, scalable infrastructure hat, working together wi h ESF, enables Eurotech devices to send and receive data to the end application where pre-made or user designed components consume it. With Everyware Cloud, it is possible to modulate the size of the infrastructure as required, for instance star ing with just a few test samples and then deploying the same devices in tens of housands. Scaling up does not require any change: Everyware Cloud will scale accordingly to provide you wi h the performance and capacity you need.

The combination of all required building blocks for designing, implementing, deploying and running M2M (or device to business application) infrastructures, we have named the **Everyware Device Cloud** or simply **EDC**. EDC seamlessly integrates a broad variety of hardware platforms, opera ing systems, ESF, he EDC Client and the Everyware Cloud into one complete M2M solution.

M2M Software and Services	
End-to-End Solution (EDC)	⬚
M2M Integration Platform (EC)	⬚
Device Application Framework (ESF)	⬚
Consulting and Solution Design	⬚