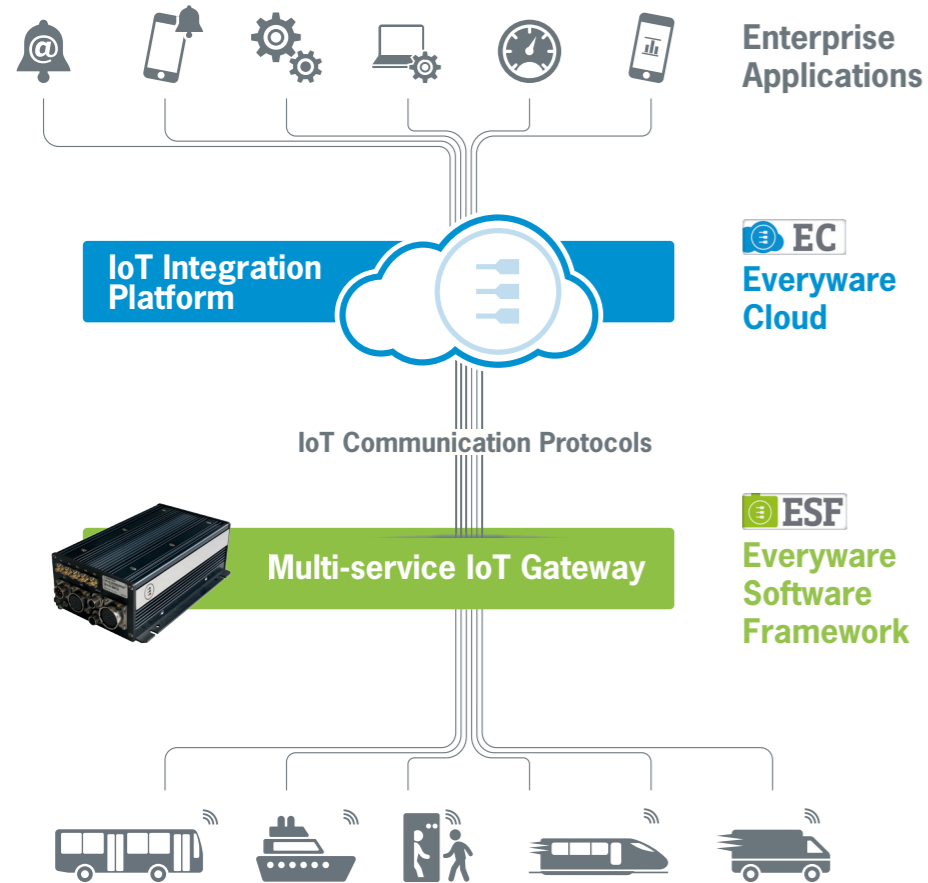## Everyware IoT in Transportation and Mobility

All transportation systems, such as railways, buses and airplanes require complex infrastructures with a wide and diverse range of equipment.

IoT (Internet of Things) technology brings considerable benefits for both operators and passengers.

Eurotech's technology enables multiple solutions, including digital signage, passenger information displays and passenger counting, all in real-time. Everyware IoT, the complete IoT platform solution from Eurotech is exactly what customers need in order to solve such challenges.

With our connected smart devices, our Everyware Software Framework (ESF) and our Everyware Cloud (EC) it is possible to analyze and manage real-time data in order to improve passenger experience as well as infrastructure operability.

Enterprise Applications

IoT Integration Platform

EC Everyware Cloud

IoT Communication Protocols

Multi-service IoT Gateway

ESF Everyware Software Framework

The complete offer

In the Transportation market we can offer a broad portfolio of standard products, and with our **proven experience** in this demanding vertical we are able to offer tailored services and customised products to exceed customers' requirements.

Designed to be **globally** deployable, our hardware is ready for deployment in many regions and pre-certified for multiple industry verticals.

Our offer also includes end-of-life management, **Long-life** cycle product services designed for extended reliability.

EUROTECH
Imagine. Build. Succeed.

EUROTECH

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ETH_Transportation_Solutions_EN_09-2017

TRANSPORTATION SOLUTIONS

Transportation & Mobility

Eurotech is one of the worldwide leaders in embedded platforms for the public and commercial transport market.

Eurotech develops a wide range of rugged subsystems designed specifically for mobile IT infrastructures like vehicle control, location tracking applications, public announcement and passenger information systems, passenger counting, fleet management and security/surveillance systems.

PRODUCTS
- Proven, Certified Building Blocks
- Modular Architectures
- Cutting Edge Technology
- IoT-ready

SKILLS
- Customization
- Ruggedization
- High Performance
- Extended Life Cycle
- Certifications

PROFESSIONAL SERVICES
- Requirements Analysis
- Design & Evaluation
- Support

Product Selection

Eurotech develops a wide range of **EN50155 certified** subsystems designed to exceed the requirements for mobile IT infrastructures like vehicle control, location tracking applications, public announcement and passenger information systems, passenger counting, fleet management and security/surveillance systems. With an extremely **rugged** enclosure, these products are suitable for any application where **consistent performance** and **reliability** are a must.

EN50155

Edge Computers

Rolling Stock Edge Computer built on Atom Bay Trail
IP66

- Intel Atom E38xx processor family
- 4GB RAM, 8GB eMMC
- Removable 2.5" SATA SSD/HDD
- Large number of Communication and I/O interfaces

BoltGATE 20-25

Fanless 1U 19" Server
IP40

- Fanless and Ventless
- 19" 1U Rack-Mount Short-Depth
- Multiple CPU: Intel Core I 6th Gen. and Xeon-D
- Internal mSATA, fixed or removable 2.5" SSD/HDD disks
- Dual Gb Ethernet, Cellular Modems with Dual SIM

BoltCOR 30-17

Connected and Compact Mobile Computer
IP65

- Based on Intel® Atom™
- Built-in GPS
- WiFi, 3G, Gigabit Ethernet
- Wide range power supply
- Removable microSDHC card slot for data storage

DynaCOR 10-00

Panel PC

Rugged and Mobile Display Computer
IP65

- 5,7" VGA Touchscreen Display
- Based on Intel® Atom™
- Built-in GPS
- WiFi, 3G, Gigabit Ethernet
- Many power supply options

DynaVIS 10-00

Displays

Ultra-Thin, Fanless Dot Matrix Information Panel
IP54

- Thin (35 mm) and Lightweight
- High Brightness (>2.000 cd/m2)
- Auto and Manual Brightness
- Smart Graphics, Bit-maps, Animations
- Daisy Chainable, with Ethernet bypass

DynaDOT

Routers

Rugged Mobile Access Router
IP66

- Cisco IOS 5921 Embedded Services Router
- Dual cellular connectivity with carrier pre-certifications
- GPS with Dead Reckoning
- Radio-aware-routing (RAR)
- Long-term Availability

BoltMAR 20-28

Network Attached Storage (NAS)

Rugged Network Attached Storage
IP65

- Up to 1 TB aggregated storage
- Raid 1 functionality (up to 500 GB)
- 10/100 Mbit Ethernet
- PoE power supply
- Quick and easy setup thanks to its DHCP client interface

DuraNAS

Smart Sensors

Optical Passenger Counter
IP65

- Contactless vision detection technology
- Stereoscopic vision technology
- Built-in infrared illumination system
- High accuracy bidirectional counting
- RS-485, Ethernet or PoE versions

DynaPCN 10-20

EUROTECH