



**Transport Solutions**



Eurotech is a worldwide leader in IT solutions for the public and commercial transport market. Rolling stock (trains, metros, trams), buses and commercial vehicles place heavy demands on their embedded systems, as do the operations that support them. Because of the harsh environments that these devices are required to work in, rugged and powerful embedded systems such as those offered by Eurotech are required. Eurotech develops a wide range of rugged subsystems designed specifically for mobile IT infrastructures. These products serve as ideal solutions for vehicle control, accurate location tracking applications, public announcement systems, passenger information systems, enhanced communications, passenger counting, fleet management and security/ surveillance systems.

Offering industry paradigm expertise based upon field-proven systems, along with fast-track development platforms that accelerate time to market, and long lifecycle support from a leading global manufacturer of embedded computing products, Eurotech is an ideal development partner for customer applications requiring standard or custom solutions, platforms and devices.

- **WORLDWIDE ORGANIZATION**
- **RUGGED SYSTEMS**
- **LONG TERM AVAILABILITY**
- **GLOBAL SERVICE & SUPPORT**



For the development of end solutions, Eurotech offers a compelling advantage — the Everyware Software Framework (ESF). ESF is an inclusive software framework that puts a middleware layer between the operating system and the custom application, with industry standard interfaces that shorten custom development time, simplified coding, and allows software to be easily ported from one Eurotech hardware platform to another.



# Rolling Stock

- ON BOARD COMPUTERS
- TRAIN TO GROUND COMMUNICATION
- PA ANNOUNCEMENTS
- PASSENGER INFORMATION SYSTEMS
- ENTERTAINMENT
- EMERGENCY INTERCOM
- SECURITY AND SURVEILLANCE
- TICKETING
- PASSENGER COUNTING

Eurotech rugged platforms empower the ideal solution for the "connected train": on-board computers, network appliances, intelligent panel PCs for Human Machine Interface, and Mobile Access Routers for train-to-ground communication and passenger wireless services.

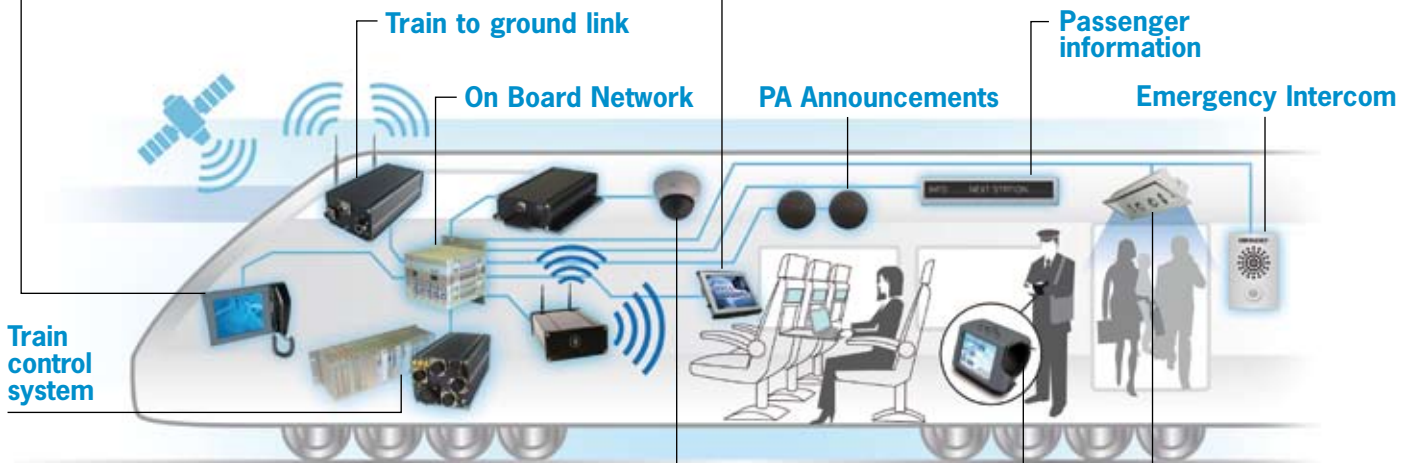


Driver's console

Eurotech offers an integrated infotainment solution for passengers to meet today's requirements from both business travelers and tourist passengers: on-board wireless connections for Internet and mobile phones, even for high speed trains. Basic and advanced passenger information, as well as audio and video channels are managed through Eurotech EN50155 compliant rugged displays.



Entertainment



Train control system

Security and Surveillance



Nowadays, security and surveillance play a key role in the transportation of people and goods. Eurotech offers a complete solution for video recording and subsequent data analysis specifically designed for the rolling stock market.

PA Announcements

Passenger information

Emergency Intercom

Ticketing



Passenger Counting



Eurotech passenger counting devices and data collection software allows operators to know the distribution of passengers over time. By analyzing collected data, operators can optimize the timetables for every route. Eurotech also supplies portable computers to be used by the on-board and service personnel for ticketing, schedules, maintenance and other passenger information on the train network.

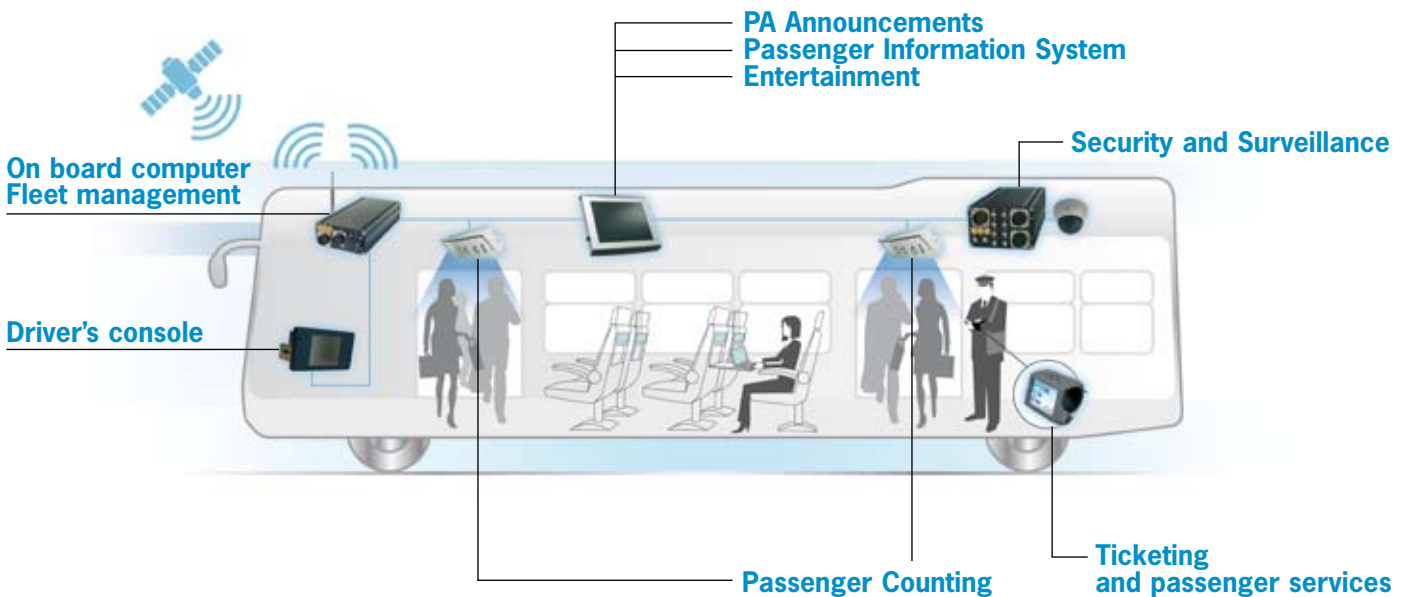
# Buses

- ON BOARD COMPUTERS
- BUS TO GROUND COMMUNICATION
- PA ANNOUNCEMENTS
- PASSENGER INFORMATION SYSTEMS
- ENTERTAINMENT
- SECURITY AND SURVEILLANCE
- TICKETING
- PASSENGER COUNTING

Eurotech on-board computers are based on scalable solutions to meet all scenarios from compact computers with integrated displays to rugged computing devices with integrated GPS receiver for fleet management.



Eurotech PA systems allow bus drivers to make announcements to all passengers at once, such as announcing the next stop. PA and PIS are also used by tour companies allowing guides to interact better with tourists. Combined with rugged displays, PA and PIS provide entertainment to the passenger on the go. Eurotech wireless hot spots installed on buses provide a mobile high-speed Internet access solution specifically designed for mass transit vehicles.



Security cameras on buses and at stations represent a compelling security solution. They can help protect citizens, prevent vandalism, violence and crime, as well as help maintain a safe transportation environment. Eurotech video recording solutions provide hardware for both analog and digital cameras and well as software to analyze the recorded data.



By analyzing data collected from passenger counting systems and software, operators can optimize the route schedules and location-based advertisement charges for peak periods of time—all certifiable through the passenger distribution reports generated by the Eurotech software. Eurotech offers also a range of portable computers, hand held or wearable, to be used by staff for ticket control and sales.

# Ships



Eurotech rugged mobile computers provide ideal solutions for context aware, audio I/O applications, such as public announcements (PA), passenger information systems (PIS) and entertainment. Eurotech supplies not only the computing platform, but also a state-of-the-art solution for ground-to-board communication, thanks to its mobile access routers (MAR) platforms. Passenger counting hardware and software and video recording solutions based on IP cameras, complete Eurotech's suite of robust and reliable solutions for the transport market.

## CONTROL AND COMMUNICATION COMPUTERS



## SECURITY AND SURVEILLANCE



## INFOTAINMENT

## TICKETING

## PASSENGER COUNTING



# Haulage

Eurotech offers on board computing and control solutions for vans and trucks. Thanks to its rugged cellular modem routers with integrated GPS receiver, fleets can be easily managed. The truck position is known and communication to the driver is possible anytime. Eurotech also provides wearable computers for truck and trace operations during the pick-up and delivery of goods.



## FLEET MANAGEMENT



## VEHICLE CONTROL AND COMMUNICATION



## LOGISTICS



# Public safety



For public safety, Eurotech delivers a set of scalable solutions for on-board computing and communication to keep vehicles and people constantly connected to the control room. Thanks to integrated GPS receivers, the control room always knows the position of each vehicle; and in case of an emergency, the nearest vehicle can be directed to where help is needed.

## FLEET MANAGEMENT



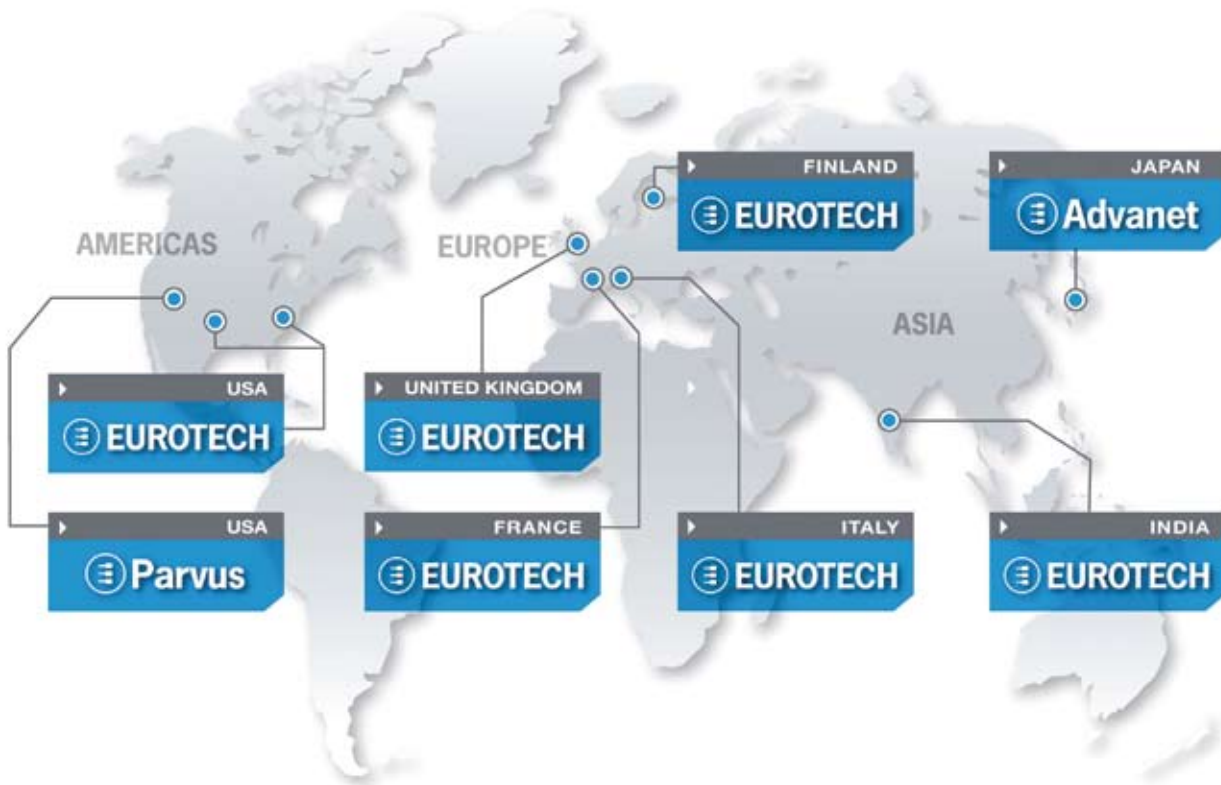
## VEHICLE CONTROL AND COMMUNICATION





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