



Transport Portfolio

The requirements of safety and care for passengers and staff are key to the transport industry. Advances in the quality and service of transport operations are driven by both legislative and competitive frameworks that impose demanding requirements. Petard's enable their customers not only meet these requirements, but exceed them.

The eyeTrain range offers digital (IP) technology matched to the harsh environment of rolling stock applications to provide the highest performance and resilience on the market.

eyeTrain systems are protecting the safety of travellers on trains including Virgin West Coast, East Coast Trains and First Great Western. Outside the UK we also span Metro and Mainline systems, including Metropolitano de Lisboa in Portugal and Greater Wellington Railways in New Zealand.

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eyeTrain Solutions

Designed to meet international rail standards, the eyeTrain range of Transport systems include:

- End to end digital CCTV systems
- High definition megapixel forward facing CCTV
- Driver Only Operation (DOO) CCTV
- Passenger counting systems
- Automated wireless download
- Live video transmission
- Condition based monitoring
- Public Address (PA)
- Information systems

eyeTrain CCTV systems are rail proven and digital end-to-end, with megapixel image quality and multi-terabyte storage capacities.

The eyeTrain recording quality permits evidential video to be taken from the seating and doorway areas to clearly identify offenders.

eyeTrain offers transmission of video from the trains. Using wireless data capacity; live video or recorded events can be transferred without stopping the vehicles normal operation.

Engineering Services

Petards in-house transport team includes engineering expertise in:

- Product Development
- Design Services
- Installation
- Support
- Maintenance
- Repair
- Product Obsolescence Support
- Operations Management including evidence gathering

This all comes together in total turnkey projects where we work closely with train operators, rolling stock owners, train builders, refurbishers, station operators and consultants to provide a total solution to your needs.

As well as new build projects, our systems offer excellent opportunities for the refurbishment of existing trains where economical addition of the latest generation equipment can be provided.

CAPABILITIES

CCTV Systems For New and Refurbished Trains

Fully digital end-to-end systems
Saloon and vestibule cameras
Forward and rear facing CCTV
External cameras for pantograph and exterior doors (DOO)
Digital cameras for high quality images
Flexible architecture based on standard IP networks
Upgrade options for best value
Mass storage for longer retention and higher quality evidence
Simple installation and maintenance
Wireless download and live video capabilities
Trackside Inspection
Asset Analysis
Signalling verification

Passenger Information Displays

Full range of TFT, LCD & LED displays

Technical Support Services

Product upgrades and enhancements
Life cycle cost support
System integration
Equipment audits
Installer, Maintainer and End-User training

Engineering Services

Research and development
Tailored design services
Software design
Reverse engineering

Full Turnkey Services

Project Management
Engineering design
Equipment supply
Installation design
Installation & Commissioning
Lifetime support services

Repair Centre

Fully qualified rail installation and maintenance teams

Installation and Maintenance

Electronic and electrical repair



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