

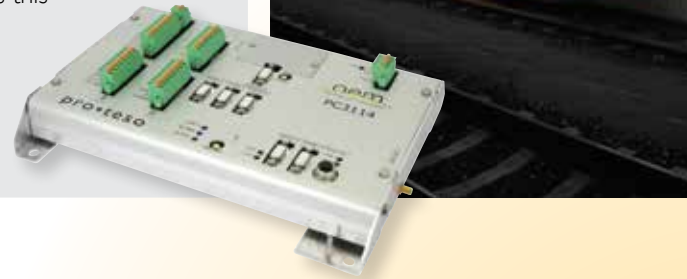


Organisations are searching for ways to streamline their operational processes. Our vision is to help our customers connect monitoring and control technology, processes and systems to the internet via the “OEM Cloud” leading to better asset utilization by improving business process, execution and capital efficiency.

Passenger Vehicle Condition Based Monitoring

Understanding the condition of your fleet is essential. Failures in on-board equipment such as doors and air conditioning systems can cause lengthy delays. The PC3 on-board data concentrator interfaces to all the essential sub-systems of the vehicle to continuously analyse performance and to assist in the prediction of failure in equipment.

The deterioration in the speed of door operation provides useful insight into the need for repair and maintenance. The PC3 delivers this crucial information to operators and maintainers via the "OEM Cloud" to provide operation data and alerts to maintenance staff.



Trackside Monitoring and SCADA

Our remote telemetry units (RTU) and data recorders are all designed specifically for the rail industry and are to survive the most challenging environments to deliver the information you require to improve your networks operational performance. With input and output circuitry designed to interface to a broad range of monitoring equipment these systems store, analyse and transfer your data to the "OEM Cloud" for your organisations evaluation.

- Bearing and Brake Temperature Detection Systems
- Bearing Acoustic Monitoring
- Angle of Attack Detection
- Dragging Equipment Detection
- Wheel Impact Load Detection
- Overload Detectors
- Ground Borne Noise Systems
- Rolling Stock Identification Systems
- Point Machines
- Level Crossings

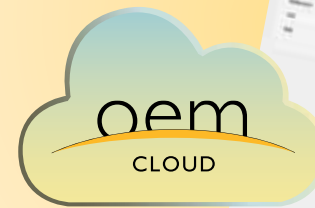


Information services – the OEM Cloud

The internet is enabling opportunities for cost effective, real-time and accurate remote monitoring and control for corporations of all sizes and for an infinite range of applications.

OEM customers are seeking to capitalise on these opportunities to streamline and improve their operational processes by tapping into information and data available from on-board monitoring and control devices and technologies.

Our information services using the OEM Cloud is available to link our customers machines using the internet to acquire, associate and analyse information across their specific operations – enabling them to create a more responsive and agile



operating environment. It is OEM's application of internet connectivity and device technology that deliver improvements in performance to our customer's organizations.

The "OEM Cloud" provides a pay as you go model to the customer for the use of the OEM Internet Web portal and data streaming services. The portal provides the customer with the appropriate business intelligence to enable them to make improvements in their operations.

A key feature of OEM's cloud services is the pay as you go model and the ease of connectivity to the OEM hardware devices in the field.

Locomotive Performance and Condition Monitoring

Our compact locomotive performance recorders are designed specifically for the interfaces found in new and existing locomotive vehicles. The PC3 has specific input/output modules to interface to train line notch position, speed, fuel levels and consumption, weather and rain sensing. With integrated 3G and GPS the PC3 provides a rugged EN50155 compliant device to transport data from your locomotive to the "OEM Cloud" for analysis.

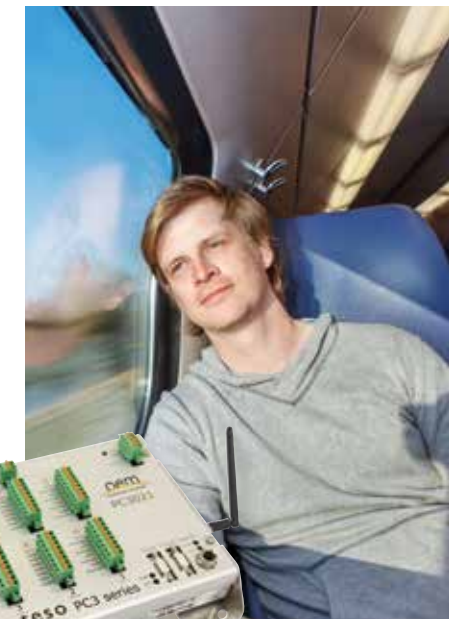
- Driver Advice Systems
- Automated Diagnostics
- Root Cause Analysis
- Fuel Management
- Performance Data



Heating Ventilation Air Conditioning (HVAC)

We provide air conditioning sub-system designers and builders with unique insights into the effective control of rail vehicle air conditioners to ensure passenger comfort is maintained at the highest level. Our systems connect to the "OEM Cloud" through integrated 3G wireless technology to bring operational and maintenance data right back to the organisation to provide managers with the information they need to improve reliability and efficiency.

- Advanced Temperature Control
- Smart Power Management
- Industry Hardened Equipment
- Compressor Protection System
- Seamless Train Management Interfaces
- Remote Management and Information



At OEM we provide our customers with unique and valuable perspectives on the cloud and device connectivity to deliver improvements in performance to their customer's organizations. We assist them to navigate alternatives and we provide ongoing advice and consultation.

Call **+61 2 9966 9424** now to speak with our specialist or alternatively email **sales@oem.net.au** for prompt attention.



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