



# LOCOMOTIVE ASSET MANAGEMENT

**Tracking the operating conditions of major components on a locomotive is one of the best ways to minimize the occurrence of breakdowns and maximize availability.**

**This can be achieved with**

**Evolrail's new Asset Management system.**

**The system is designed to fit on any locomotive as a stand-alone system or integrated to the EVO-LIS control system.**

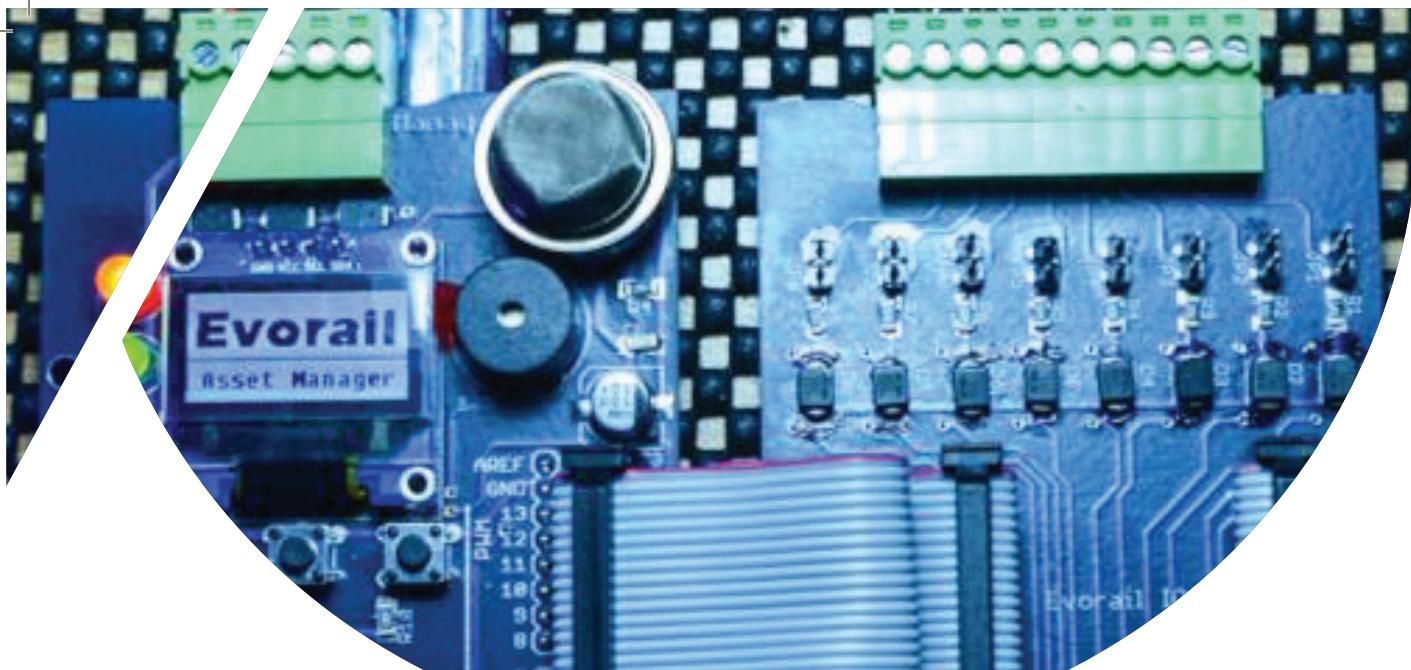
- Measurement and recording of all operating parameters; the customer has the freedom to choose exactly what parameters they want recorded.
- Live and historical feed of the locomotive operating parameters
- Location traction
- CO content measurement in the high voltage cabinet
- Pre-configurable alarms with pre-set parameter limits and SMS warning option
- The system comes equipped with a crash proof data logger.
- Locally designed and manufactured making this the cheapest system of its kind on the market.
- Remote access to the locomotive's live and historical data
- Axle encoder equipped with temperature sensor and shock logger.
- Time based simulation of performance
- Statistical analysis of data
- Calculated performances
- Energy consumption and conversion Kj
- User login
- Driver behaviour

**EVORAIL**  
Evolution in Rail Technology

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## Intuitive custom designed customer interface

- Time based Control / Locomotive system output
- Time based GPS
- Data format CSV files 500ms sample rate

**INNOVATION • RELIABILITY • EFFICIENCY**