

TELEMATICS

PREDICTIVE MAINTENANCE DEVICES



Telematics devices are the most advanced on-board systems that give fleet operators the tools to:

- ◆ Read data directly from CANbus.
- ◆ Improve your fleet's fuel consumption.
- ◆ Assess your fleet's machine health.
- ◆ Monitor driver behaviour and location.
- ◆ Improve road safety and reduce accident.
- ◆ Reduce operating and maintenance costs.

The on-board technology is seamlessly integrated into the machine's engine management and diagnostic system, providing valuable, real-time insights and alerts into operators' mechanical handling of a machine as well as the mechanical performance of each machine in your fleet. The technology identifies potential mechanical faults and failures, allowing you to keep your fleet running optimally at all times and reducing downtime and remedial maintenance and repairs.

Realtime Monitoring & Control of Your Fleet

All data is extracted from CANbus and is available via our easy-to-use online web application. Key people within your organisation have real-time, web access to:

1. Read data directly from CANbus.
2. Current status of the machine.
3. Location.
4. Actual operating and performance conditions of the machine.
5. Actual machine dashboards.
6. Operating parameters and diagnostic codes generated by the machine to monitor efficiencies and potential maintenance and fault requirement.

Detection Of Mechanical & Preventative Maintenance

Your fleet's maintenance team can proactively monitor and schedule periodic maintenance of machines as they return to garages and depots each day.

Notification Of Dangerous Machine Operation

- ◆ Measure and understand the driving behaviour and habits of your driver based data directly from CANbus G-Sensors.
- ◆ Monitor acceleration, gear change, clutch usage & braking
- ◆ On-board DMAS alerting operators to their driving behaviour .
- ◆ Daily performance reporting.

Driver mechanical and technical behaviour

Significant performance improvements and savings can be made through efficient operational behaviours. Operators are the most influential factor affecting the mechanical use of your machines.

The information can be segregated by a group or viewed for each individual driver allowing for trends to be analysed, problematic drivers to be identified and remedial action



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