

PrevenTech® Mining

PREVENTECH® MINING IS A NEW DIGITAL SOLUTION THAT PROVIDES REMOTE ENGINE MONITORING AND REPORTING OF EQUIPMENT HEALTH

PrevenTech utilizes an aftermarket device that is installed by Cummins on customer equipment to transmit encrypted engine data in real-time using cellular connectivity. Data is digitally analyzed to evaluate performance and report potential issues back to customers using alert notifications with service recommendations. Alert notifications are ranked and prioritized according to severity, and currently include assessment of a wide range of engine parameters. PrevenTech offers customers the options to monitor their own equipment using a new online dashboard, or have Cummins Care watch over their equipment for an additional fee.

KEY FEATURES

- Equipment Map provides global positioning system of connected equipment locations with color coded identifiers that categorize problematic assets according to issue severity
- Alert Notifications describes performance issues with recommendations for repair and suggested remaining time to act
- Engine Data Log displays real-time equipment information for publicly broadcasted engine parameters to monitor multiple performance metrics simultaneously
- Graphing visually charts engine parameter behaviors across time and different equipment for mapped analysis
- Equipment Histories logs and records historical equipment alert data for comparative analysis and trend spotting
- FleetguardFIT™ interprets remaining useful oil and filter life to help extend planned maintenance intervals
- Assisted Monitoring optional 24/7 global equipment monitoring from Cummins Care with personalized service recommendations
- Reporting Functions provide detailed visibility into site operations, helping uncover inefficiencies and opportunities for optimization



APPLICATIONS

- In addition to Mining, PrevenTech is also available for Rail and Oil and Gas customers. In addition, Cummins will soon release PrevenTech applications for On-Highway, Power Generation, and Marine.

WHAT'S NEW?

- **Now Available:** Wi-Fi Mesh Network connectivity option
- Web-based user interface and equipment dashboard for customers
- Additional algorithms from Cummins to identify and evaluate performance issues early
- Integrated FleetguardFIT prognostics for assessing true engine oil and filter life
- Custom rule creation for customers to develop their own performance alerts
- Enhanced data encryption for secure transfer and storage of customer information
- Multiple service level offerings with Base, Plus and Premium pricing options

WHERE TO BUY?

Contact your account manager
or local Cummins distributor.