CAT® MINESTAR™ HEALTH EQUIPMENT CARE ADVISOR

GO BEYOND DATA. GET ANALYTICS AND GLOBAL EXPERTISE.

Machine health data is critical to helping you make the right maintenance decisions—decisions that allow you to improve the reliability of your mining equipment, reduce unplanned downtime and prevent failures that can lead to lost productivity and costly machine repairs.

What if you could combine that data with analytics and global expertise to make more proactive decisions about maintenance, repair and component replacement? With Cat Equipment Care Advisor (ECA), you can.

Using sophisticated analytics and global knowledge management, ECA analyzes data, provides reports, recommends actions that should be taken and then tracks the results. ECA helps prevent major component failures, minimizes disruptions to your productivity, and lowers owning and operating costs.

"We're definitely seeing the benefit of how accurate the details are. We can capture faults before they get worse and escalate. It helps with our scheduling and planning—and at the end of the day, the customer has the availability of the trucks. So everyone's happy."

—MICHAEL JONES
Maintenance Supervisor, Hastings Deering

BOOST MACHINE AVAILABILITY

REDUCE UNPLANNED DOWNTIME

PREVENT COSTLY FAILURES

EFFICIENTLY MANAGE DATA

MAKE INFORMED DECISIONS

IMPROVE YOUR MAINTENANCE STRATEGY

TRACK PERFORMANCE

ENABLING A REPAIR-BEFORE-FAILURE APPROACH

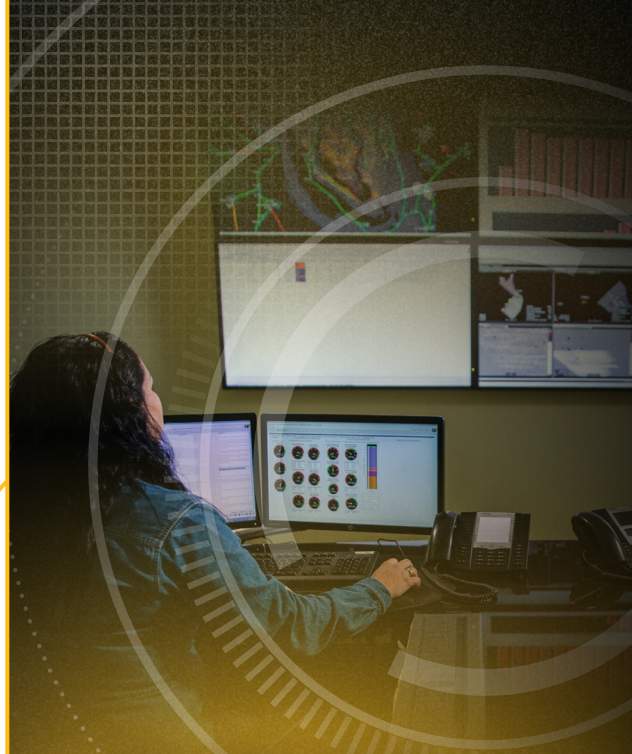
ECA is a powerful web-based application that is an enabler to Cat dealer-offered Condition Monitoring services. It collects information from the five critical elements of Condition Monitoring—electronic data, inspections, fluids, repair history and site conditions. The application combines Cat and dealer expertise with field-tested best practices and fleet performance data from around the world—so you can quickly act on proven recommendations to find and fix equipment problems before they become costly failures.

ECA helps you reduce unplanned downtime, reduce maintenance costs, and increase equipment and component life.

Key Features:

- Analyzes more data in less time using an automated data collection and analysis process.
- Incorporates five data elements that feed condition monitoring:
  - Fluids Analysis
  - Repair History
  - Site Conditions
  - Inspections
  - Electronic Data
- Applies advanced analytics to create exceptions.
- Enables predictive analysis by identifying problems that otherwise would have been missed.
- Leverages the subject-matter expertise of dealer Condition Monitoring Analysts.
- Incorporates Caterpillar and dealer global knowledge for higher quality recommendations.
- Tracks recommendations to ensure prompt and proper closure of issue.
- Provides regular application updates and seamless introduction of new features by being cloud-hosted.
- Is interoperable with Cat and other brands of equipment.
- Fully integrates with Cat Inspect.

FOR MORE INFORMATION,
VISIT WWW.CAT.COM/MINESTAR
OR CONTACT YOUR LOCAL DEALER



STAY CONNECTED TO YOUR EQUIPMENT WITH CAT® MINESTAR™ HEALTH

Equipment Care Advisor is a capability within Cat MineStar Health, which is an industry-leading technology offering that helps you maximize equipment availability and reliability. MineStar Health keeps you connected to your machines so you can head off small problems while they're still small, run machines as efficiently as possible for as long as possible, and keep unplanned downtime to a minimum.

MineStar Health is a part of MineStar Solutions, a comprehensive suite of integrated technology offerings designed specifically for the mining industry. The offerings are scalable, work with any brand of equipment, and share data across existing machines, systems and technologies.

CAT®