



CAT® MINESTAR™ HEALTH – EQUIPMENT INSIGHTS

GO BEYOND DATA. TURN INSIGHTS INTO ACTION.

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.

But how useful is that data if you can't easily access it, view it, analyze it and obtain the insights you need to develop an appropriate maintenance strategy? Cat MineStar Health – Equipment Insights helps you gain that insight.

Health Equipment Insights is a cost-effective and user-friendly data visualization and reporting tool that you can access with a simple activation, using hardware already installed on your machine. It empowers you to efficiently view, manage and use machine data—so you can make informed maintenance decisions that will help maximize the availability of your equipment.

“When it comes to ensuring machine reliability, data is king. And Health Equipment Insights delivers. The system is easy to navigate and it's simple to create widgets and lay out your own personal views. You can effectively run fleet trends, even on simple items like air filter restrictions, exhaust temperature difference and strut pressures. This helps us manage our fleet in a planned maintenance regimen—increasing availability and helping us avoid breakdowns.”

— Equipment Reliability Specialist at a coal mine in Australia

BOOST MACHINE
AVAILABILITY

REDUCE UNPLANNED
DOWNTIME

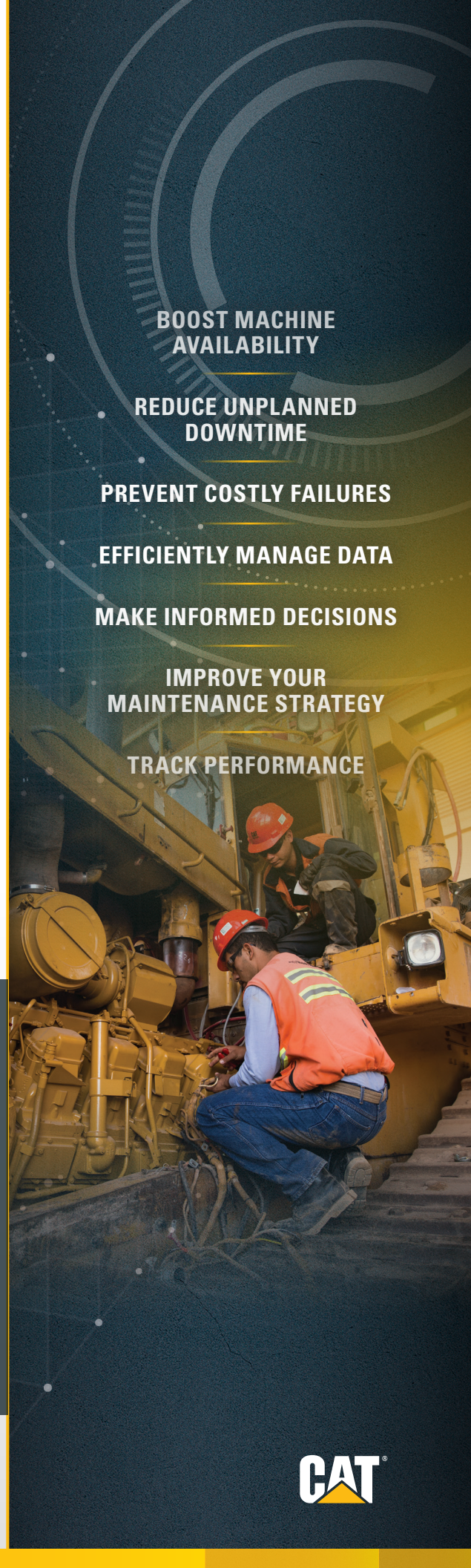
PREVENT COSTLY FAILURES

EFFICIENTLY MANAGE DATA

MAKE INFORMED DECISIONS

IMPROVE YOUR
MAINTENANCE STRATEGY

TRACK PERFORMANCE



GET THE INSIGHTS YOU NEED TO GO FROM REACTIVE TO PROACTIVE

Health Equipment Insights provides quick and easy visualization and reporting of machine data in a structured yet interactive format, helping you turn insights into action. It is:

- » **Simple to activate**, connecting through hardware already installed on your machine.*
- » **Interactive**, allowing you to create custom data dashboards and reports to meet the needs of your mine site.
- » **Intuitive and user-friendly**, with easy-to-use data drill-down functions.
- » **Interoperable**, allowing you to view and analyze data from machines manufactured by Caterpillar and other Original Equipment Manufacturers (OEMs).
- » **Web-accessible**, so you can use the application from any web-enabled device.
- » **Cloud-based**, which allows regular application updates and seamless introduction of new features.
- » **Accessible by multiple users**, so data can be viewed by different users in different locations at the same time.
- » **Efficient**, providing the ability to view multiple data dashboards simultaneously.
- » **Automated**, so reports can be scheduled and distributed within the system.

By combining VIMS and Product Link™ data with inspection and fluids data, Health Equipment Insights not only provides equipment health data but also gives you access to a variety of application and production data to assist operational personnel with tracking production-related KPIs.

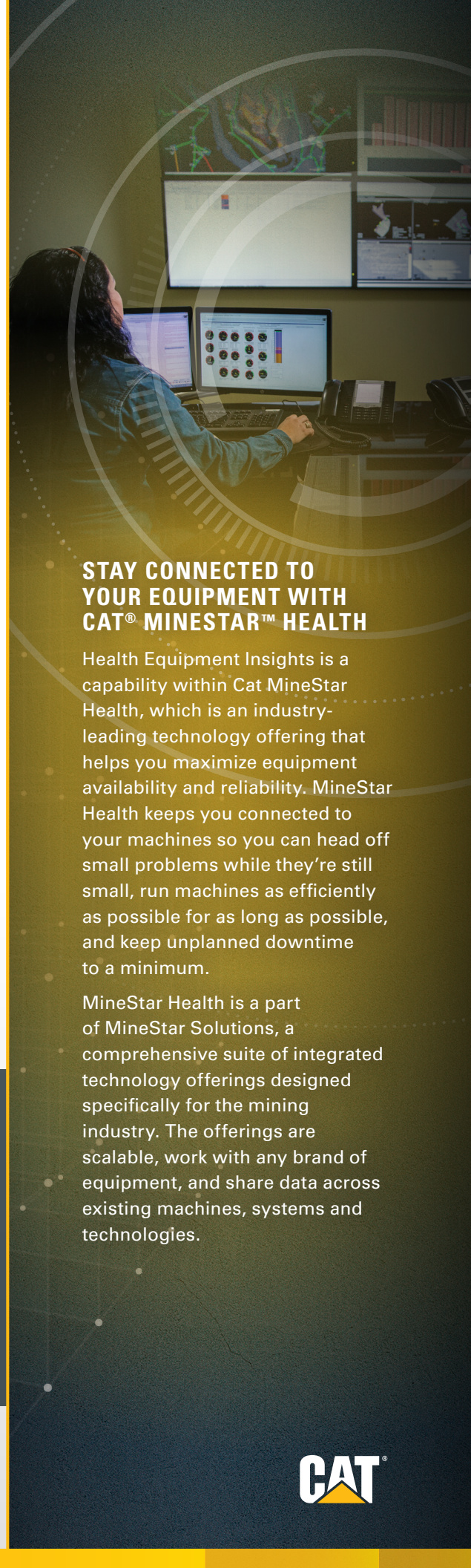
* Most newer Cat machines come with Product Link Elite and Cat Cell Radio installed. Consult your local dealer for this or other connection options.

“Users can effortlessly drill right into the data to view what is actually happening on their equipment and then back that up by viewing the change in the data after a repair or component replacement. This tool will not only provide value to the maintenance and reliability teams, but also production personnel and management.”

—BEN MCAULEY
Condition Monitoring Analyst, Cat Dealer Hastings Deering

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

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STAY CONNECTED TO YOUR EQUIPMENT WITH CAT® MINESTAR™ HEALTH

Health Equipment Insights 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.

