CAT® PROXIMITY AWARENESS

5 REASONS
TO LET YOUR MACHINES "TALK" TO ONE ANOTHER

Timely, accurate communication is key to running a safe, productive mine, and the latest Cat® Proximity Awareness system helps make it a reality. Here are five reasons you'll want your machines to start talking.

1 PREVENT COLLISIONS IN REAL TIME

Because it's a peer-to-peer system, Cat Proximity Awareness lets your machines—light vehicles and any brand of surface mining equipment—communicate directly with one another. That ability to "talk" in real time virtually eliminates time lag and false alarms to help prevent collisions.
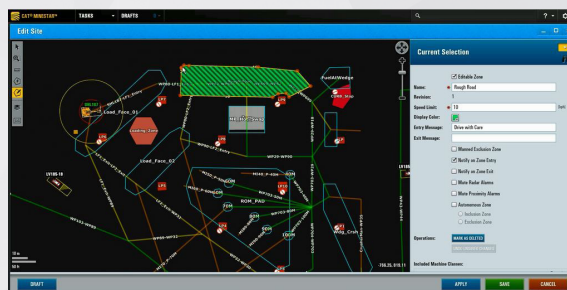
2 IMPROVE CYCLE TIMES

Better site awareness means your operators can run their equipment more confidently. When they know areas are clear as they get ready to pull away, they can work more smoothly and efficiently—improving cycle times.

3 KEEP YOUR OPERATORS FOCUSED

An easy-to-use touchscreen display puts information about a potential collision right in the cab, and three configurable alarms—caution, warning and critical—help operators react appropriately. Alarm tones are easy to distinguish from other alerts so there's no confusion, and you can silence non-critical warnings for machines that work in close proximity (like loading and hauling vehicles).
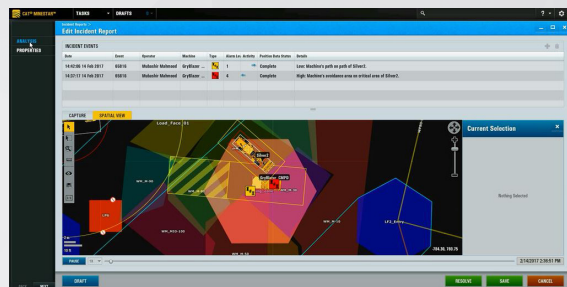

4 TURN INCIDENTS INTO OPPORTUNITIES

The system's onboard display stores up to 24 hours of incident data, sending it back to the office whenever the vehicle enters a wifi hotspot. You can review object detection and proximity alarms, entry and exit notifications, speeding incidents, avoidance zone entry and more—all of which can help you identify areas for operator training and prevent future incidents.

There's also a Playback feature that lets you play, pause and scroll through all machine positions leading up to and after an incident. And reporting functions include operator, crew, shift and machine trends, productivity vs. safety comparisons and incident heat maps.

5 SAVE TIME, MONEY AND HASSLE

Because it features the latest peer-to-peer communications technology, Cat Proximity Awareness doesn't require a robust, site-wide network. Your equipment just needs to come within range of a wifi hotspot within 24 hours to capture and store the data. Plus, the system comes with an internal radio/GPS, IMU device and Bluetooth-capable onboard storage—another time- and cost-saver. You only need to supply a third-party radio to communicate incidents to the office.

LET'S TALK, MACHINE TO MACHINE.

For more information about the latest Cat Proximity Awareness system and how it can help you take safety to new levels, visit www.cat.com/en_US/support/dealer-locator.html or talk to your Cat dealer.

CAT® MINESTAR™

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