



YOU CAN'T AVOID WHAT YOU CAN'T SEE.
DETECT PROXIMITY AWARENESS CAN HELP.



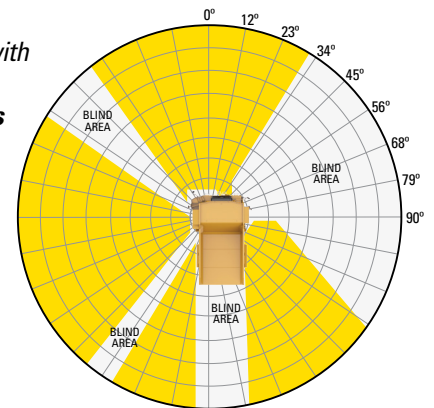
Timely, accurate communication is key to running a productive mine. It's also essential when it comes to keeping people safe. The Cat® MineStar™ Detect Proximity Awareness system helps make it a reality by delivering fast and reliable information-sharing between machines and alerts operators of imminent proximity incidents.

- Reduces risky behaviors and improves adherence to operating procedures like following distance and excessive speeding.
- Provides near-real-time collision alerts, avoidance zones and risky behavior warnings to operators — without requiring a robust radio network covering the site.
- Instantly updates the locations of temporary hazards like large rocks or soft spots in the haul road — and immediately shares this information with operators so they can make decisions in real time.
- Stores data on up to 40,000 incidents and transmits it to the office when machines come within range of a site network or Wi-Fi hotspot.
- Helps build a coaching environment with incident playback capabilities — so near misses can become teachable moments.
- Shows incidents by shift, crew, operator and machine, as well as trending over time.

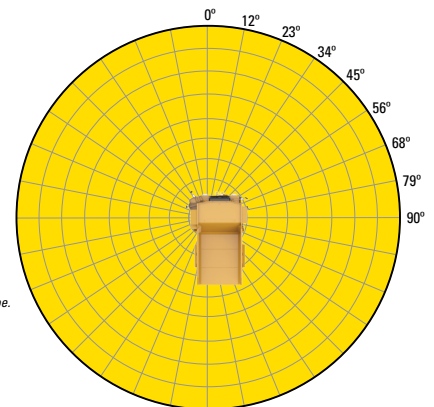
<p>87% REDUCTION in critical proximity incidents</p>	<p>95% REDUCTION in speeding incidents</p>	<p>IMMEDIATE AND LASTING IMPROVEMENT in safe behaviors</p>
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*Pinto Valley copper mine in Arizona

Operator visibility with no technology — multiple blind spots



Operator visibility with Proximity Awareness — 360° view around machine



*This graphic illustrates visibility for a large mining truck. Visibility may be different depending on the machine type.

WHAT ARE YOU WAITING FOR?

Prevent an incident with Cat MineStar Detect Proximity Awareness

Visit cat.com/detectproximityawareness

