

Your Excavator. Our Ai.

Your excavators are essential to your construction, mining, and demolition operations. They perform tirelessly against your heavy-duty tasks, such as digging, grading, and moving large amounts of materials. However, your equipment and workers face significant safety risks due to the excavators size, weight, and operation in challenging environments. Blindside swing can be fatal to those working in the excavator's blind spot, as excavator cabs offer no visibility to the right side of the excavator.

PROX-EYE™ will give you the inside scoop on jobsite safety.

PROX-EYE™ is a proximity detection system that utilizes artificial intelligence (AI) to provide real-time monitoring, detection and classification of humans, vehicles, and obstacles around the excavator. Through its advanced data collection and analytics properties, PROX-EYE™ will empower your organization to make data-based decisions regarding jobsite safety.

Features:

- Detects and classifies humans, objects, and vehicles around your excavators using cameras and artificial intelligence (Ai)
- Assists with blindspot and operator visibility issues through presenting live camera feed to operator through 7" high definition in-cab monitor
- Audio and visual alerts that warn the operator of potential collisions
- Camera detects and classifies near-misses and automatically transfers footage and data of occurrence to you, through the cloud.
- Advanced data analytics to provide you with insights on potential behavioural and location risks
- Adjustable detection zones, to your site and company specific requirements

Benefits:

- Objective and leading indicators of your safety performance, delivered to you in real-time
- Enhanced jobsite safety, reduced risk and insurance cost
- System is active, and recording, the entire time your equipment is on
- Increased opportunity for training videos and documentation with real examples from your jobsite
- Increased operator confidence and productivity
- Decreased equipment downtime with expedited accident and potential accident reports
- AI classification minimizes false positives and reduces alarm fatigue compared to traditional object detection
- 360 degree visibility, reducing the risk of blindside swing

