OmniPro® Vision AI

COLLISION AVOIDANCE SYSTEM

OmniPro® Vision AI's award-winning Visual Artificial Intelligence (A.I.) technology helps reduce blindspot pedestrian and vehicle collision incidents with powerful new features. When a one-second error can mean the difference between a near miss and a lost-time injury, you need the most advanced, accurate collision avoidance system working for your team. OmniPro is an easy solution for your Powered Haulage/Equipment Program compliance plan. And, it's fully supported by Matrix's outstanding field service team.

The OmniPro Technology Platform

THE EYES
OmniPro Vison AI
Real-time feedback

Efficiently sized cameras attach where needed and provide the data from equipment interactions as they occur.

OmniPro® is an easy solution for your Powered Haulage/Equipment Program compliance plan

OmniPro Hub provides power and direction to Vision AI cameras

Vision AI cameras report real-time data back to OmniPro Hub
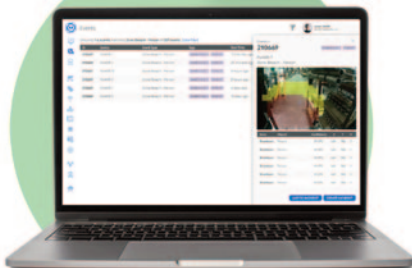
THE POWER
OmniPro Hub
Hardware processor

OmniPro Hub is a centralized networking device that serves as a point of connectivity to multiple devices.

OmniPro Hub delivers data to InFocus

THE BRAIN
OmniPro InFocus
Cloud-based software

A web-based application that provides 24/7 access to software tools and a dashboard with real-time metrics a for the AI devices.

MATRIX

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Vision AI

OmniPro's Vision AI award-winning visual artificial intelligence technology helps to bring your minesite to zero incidents with powerful features such as:

Accurate, high-speed detection of people and equipment

- Fast identification rate and computing system
- High-speed in-bound image processing rate
- Optimized for alerting accuracy
- Custom zone set-ups to match the facility

Innovative compact cameras and processing hub with powerful new features:

- Each camera can generate up to five fully customizable alert zones applied to different objects and perform different actions
- Alerts on pedestrians, vehicles and other objects – requires no tags
- Cloud Connectivity (Wi-Fi, Cellular LTE, Bluetooth® and GPS) provides data access and decision intelligence reports

Available with Level 4 machine integration and in-cab monitor

New Advanced Features

Adjusts if the vehicle is in low-light conditions and when it transitions from light to darkness

Sensor reports if a camera is blocked or obstructed

Gorilla® Glass Lens Cover

New compact design (5" Tall)

OmniPro®

Rugged and water/weather resistant

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