

PRODUCT INFORMATION



**DotNetix**  
making machines see

**SAFEYE**

COLLISION AVOIDANCE SYSTEMS  
FOR MINING AND INDUSTRIAL MACHINES

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Pedestrian and Machine safety

# SAFEYE COLLISION AVOIDANCE

## Overview

**SAFEYE** is an advanced stereoscopic machine vision system that detects and differentiates between pedestrians, industrial machines like dump trucks, excavators, forklifts, cars, and other machines typically found on industrial sites.

With the most advanced artificial intelligence (AI) built in to **SAFEYE**, operational safety is improved while employees and stake holders acknowledges safety as a valued and important priority.

## Environmental

- Wide temperature specification  
-40°C to +70°C
- Waterproof and dustproof  
(IP69K sensor, IP65 Display and Controller).
- Compatible with all types and brands of industrial vehicles (stacker and reclaimers, forklifts, wheel loaders, excavators, dumpers and front-end loaders).

## Advantages

- No RFID tag or signalling device required.
- Low light sensitive camera with wide field of view
- Ultra-rugged design for harsh environments
- Multiple camera configurations and options for any type of machine installation.
- Customizable detection zones and three distance configuration zones.

## Technical

Designed to operate in any harsh environment.

**SAFEYE** only generates alerts to operators when absolutely required. Thus avoiding distraction alerts which are not relevant.



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## CLEARVIEW Optional Add-On Features

- Remote **video** monitoring
- Remote **SAFEYE configuration**
- **GPS position** monitoring of machines
- **Speed** monitoring of machines
- **Near-miss** monitoring of **pedestrians**
- **Near-miss** monitoring of **machines**
- **Berm** and Vidar detection monitoring
- **Void** - Stockpile detection
- **Connectivity** monitoring to **SAFEYE** sensors
- **SAFEYE** system health (including Dirty-Lens monitoring)
- Remote **software updates**

# SAFEYE COLLISION AVOIDANCE

## CLEARVIEW

**CLEARVIEW** is a remote analytics dashboard for tracking the position of machines, measuring interactions between pedestrians, machines and objects.

**CLEARVIEW** offers a valuable online tool to improve safety and traffic management on an industrial site.

**CLEARVIEW** provides an easy and intuitive dashboard that allows you to monitor a complete fleet of industrial machines.

**CLEARVIEW** supports a complete alarm terminal to keep track of safety problems.

## CLEARVIEW Features

- Remote **video** monitoring
- Remote SAFEYE **configuration**
- **GPS** monitoring of machines
- **Speed** monitoring of machines
- **Near-miss** monitoring of **pedestrians**
- **Near-miss** monitoring of **machines**
- **Berm** and Vidar detection monitoring
- **Void** - Stockpile detection
- **Connectivity** monitoring to SAFEYE sensors
- SAFEYE system health (including Dirty-Lens monitoring)
- Remote **software updates**



BRISBANE	TOWNSVILLE	SYDNEY	SYDNEY - WASTE
U4, 29 Links Avenue North Eagle Farm QLD 4009 P: 1800 655 860 M: 0499 890 093 Reception.QLD@SmartTech.com.au	11-13 Casey Street Townsville QLD 4814 P: 1800 655 860 M: 0499 890 093 Reception.QLD@SmartTech.com.au	U13, 7-9 Progress Circuit Prestons NSW 2170 P: 1800 655 860 M: 0408 964 134 Reception.NSW@SmartTech.com.au	Unit 33 A/1 3 Endeavour Rd Caringbah NSW 2229 P: 1800 655 860 M: 0419 244 995 Waste@SmartTech.com.au
MELBOURNE	ALBURY/WODONGA	TASMANIA	PERTH
11B The Crossway Campbellfield VIC 3061 P: 1800 655 860 M: 0427 766 125 Reception.VIC@SmartTech.com.au	408/4 Wagga Road Lavinton NSW 2641 P: 1800 655 860 M: 0459 965 187 Reception.NSW@SmartTech.com.au	PO Box 315 Newstead TAS 7250 P: 1800 655 860 M: 0427 766 125 Reception.TAS@SmartTech.com.au	U1, 8 Hasler Road Osborne Park WA 6017 P: 1800 655 860 M: 0407 912 821 Reception@StechWA.com.au