



VEHICLE

Grader

RISK

People entering hazard zones at the front and back of the machine

Operators and site health and safety were concerned of potential plant-people interaction at the grader's rear blind spot but also identified the front as a blind spot due to the operator's focus on their blade during operations.

Blindsight was fitted to the machine with one sensor observing the rear danger zone and one sensor observing the front danger zone. The in-cab alert was installed in the operator's peripheral vision.

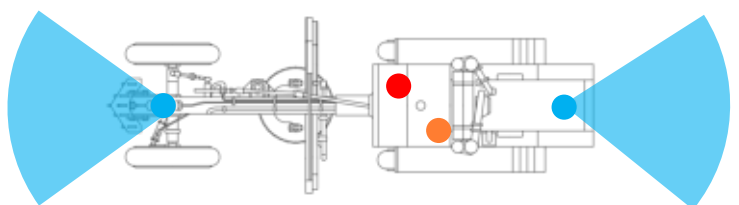
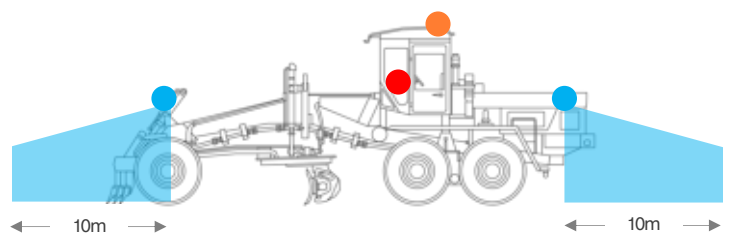
When Blindsight detects a person, the operator is alerted to the direction of the danger by the in-cab alert with flashing lights and an optional beeping or vibration noise.

Each detection event is saved, and a video is automatically uploaded to the cloud for analysis and review by health and safety.

As a result, the operator gained better situational awareness and health and safety was able to report on potential near misses.

Recommended installation
NOT TO SCALE

BPU | Sensor | In-cab alert



Hardware

1x Blindsight Processing Unit (BPU), 2x Sensor with bolt mount, 2x 10m cable, 1x In-cab alert.

Configuration

People detection on. Region of interest to mask out any visible sections of plant and limit detection distance.