



VEHICLE Elevated working platform

RISK People entering the drop zone directly beneath the basket

Operators and site health and safety were concerned of potential plant-people interaction as workers often cross under the platform without paying attention and the platform operator is unable to see directly below them.

Blindsight was fitted to the machine with both sensors observing this cross-traffic danger zone underneath the platform. The in-cab alert was installed in the operator's peripheral vision. A relay was connected to a flashing beacon that warns on-foot personnel they are too close.

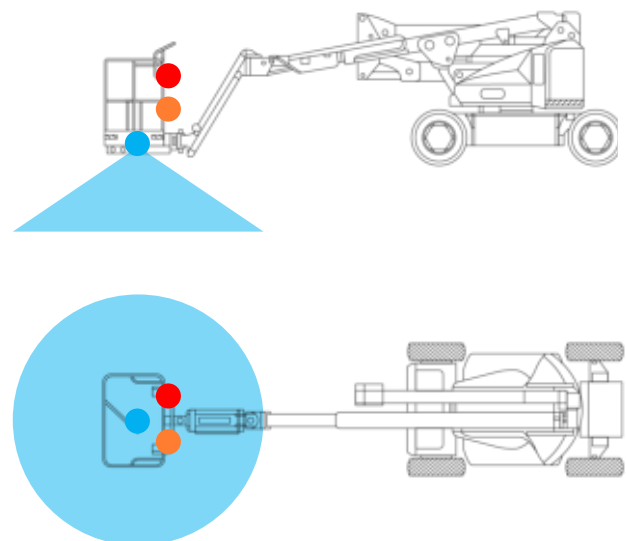
When Blindsight detects a person, the operator is alerted to the direction of the danger by the in-cab alert with flashing lights and an optional beeping or vibration noise.

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 hose-clamp mounts, 2x 3m cables, 1x In-cab alert, 1x relay, 1x flashing beacon

Configuration People detection on. Region of interest to mask out any visible sections of plant and to limit detection distance. Alerts enabled when dead-man switch disengaged. Relay set to beacon mode. Beacon fitted beneath platform.