



**VEHICLE** Excavator (<10 t)

**RISK** People entering hazard zones at the back of the machine

INTELLIGENCE

BY PRESIEN

Operators and site health and safety were concerned of potential plant-people interaction due to crowded work environments and on-foot personnel dismissing this smaller, highly mobile vehicle as less of a threat.

Blindsight was fitted to the machine with both sensors observing this rear danger zone. The in-cab alert was installed in the operator's peripheral vision.

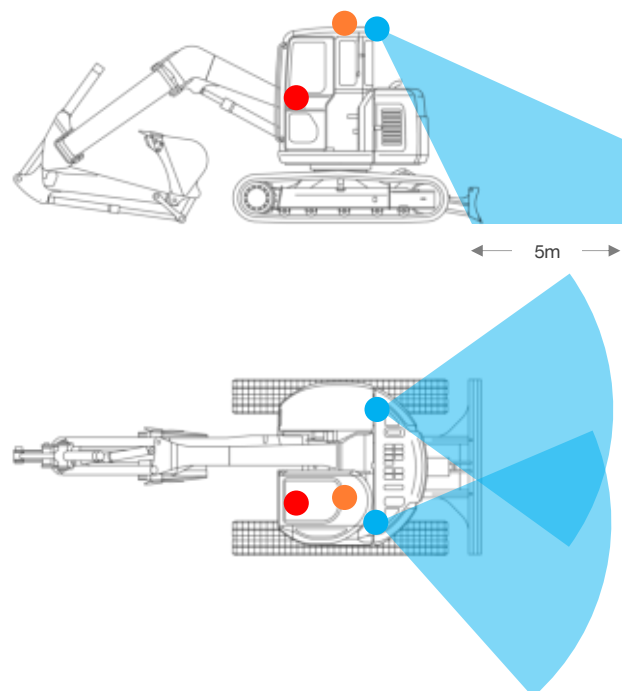
When Blindsight detects a person, the operator is alerted to the direction of the danger by the in-cab alert with flashing lights and an optional beeping or vibration noise.

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 3m cable, 1x In-cab alert.

**Configuration**

People detection on. Region of interest to mask out any visible sections of plant and limit detection distance. Alerts enabled when hydraulic safety lock/pilot lock has been disengaged.