

Cat[®] Vision System with Personnel Detection

Technology Kit



IMPROVE WORKER SAFETY ON THE GROUND

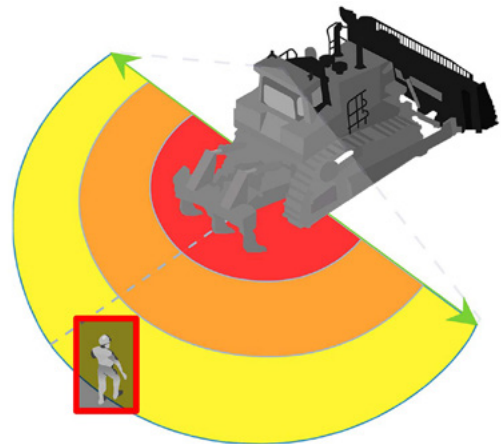
While operators can easily see in front of them when working, it is impossible to always monitor what goes on behind them. The Cat[®] Vision System with Personnel Detection kit is an effective solution that utilizes a smart camera to alert the operator when a person is behind the machine.

- Provides operators both audible and visual alerts when people move behind the machine
- Alerts dynamically adjust based on a person's proximity to the machine – three detection zones
- Smart technology differentiates people from background objects
- Reduces the risk of injury for ground personnel working around machinery
- Designed to function without the need for additional technologies
- Installs on any closed cab machine in about six to eight hours

> HOW IT WORKS

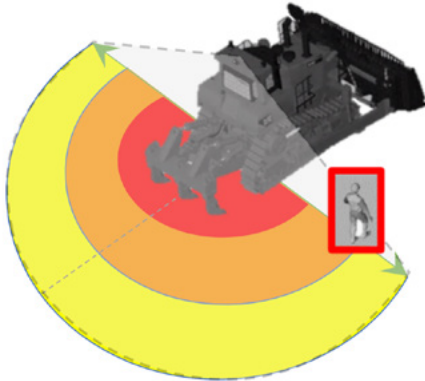
When a person is detected behind the machine, the system will trigger a visual and audible alert based on the person's proximity to the machine.

- When a person is in the **YELLOW** zone, the system will identify the detected person on the display but will not provide an audible alert.
- When a person is in the **ORANGE** zone, the system will identify the detected person on the display and provide an intermittent audible alert.
- When a person is in the **RED** zone, the system will identify the detected person on the display and provide a solid, audible alert.



Cat [®] Vision System with Personnel Detection Alerts		
ZONE	VISUAL	AUDIBLE
Yellow	✓	No Tone
Orange	✓	Intermittent Tone
Red	✓	Solid Tone

> DETECTION BEHIND THE MACHINE



- The system detects personnel in a wider field of view than is shown on the display. Visual alerts indicate a person in the off-display zones.
- When a person is in the off-display zone, the system will provide red or yellow on-screen indicator bars based on proximity to the machine.

> MIXED-FLEET SOLUTION

- The universal Cat Vision System with Personnel Detection kit can be retrofitted on all brands of equipment, making it ideal for mixed fleet use.
 - Installs in about six to eight hours to any machine with a 12V or 24V system and a closed cab.
- Each personnel detection kit includes:
- Smart camera with personnel detection algorithm
 - High definition, touchscreen display
 - Harnessing to connect the components
 - Mounting brackets

Cat Vision System with Personnel Detection Part Numbers

10-INCH DISPLAY <i>Required</i>	SMART CAMERA <i>Required</i>	EXTENSION HARNESSSES <i>Optional</i>
601-5758	613-4714	1 m (3.3 ft) 590-2409 3 m (9.8 ft) 589-6576 5 m (16.4 ft) 589-6575 10 m (32.8 ft) 589-6574

> HOW TO UPGRADE

- Talk to your Cat dealer for more information and how to order the Cat Vision System with Personnel Detection technology kit.