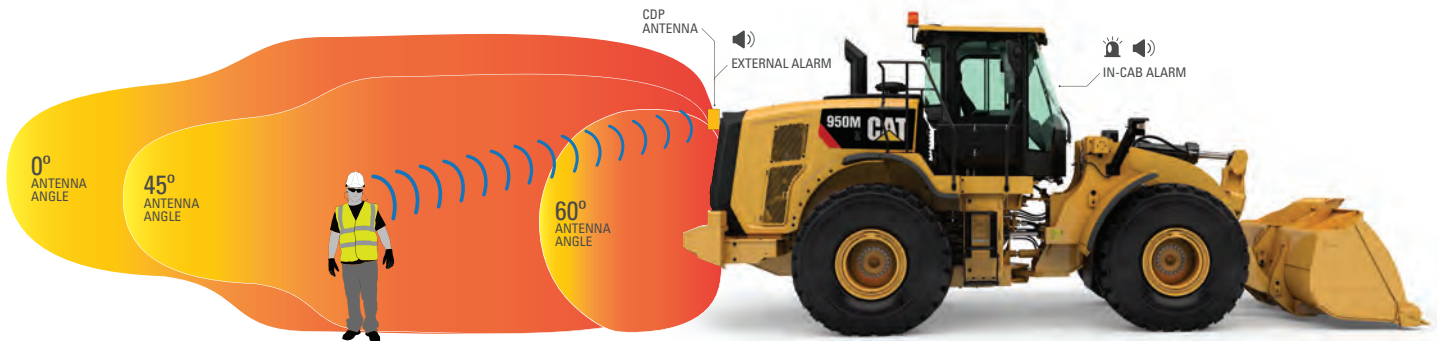# CAT® DETECT FOR PERSONNEL
Alert Ground Crews in Close Proximity to Mobile Equipment

When you're close to danger, you need a warning that will grab your attention. Cat® Detect for Personnel sounds an immediate, unique alert that cuts through the white noise of engines, generators, cell phones and job site chatter to protect ground workers from equipment backing incidents.

RFID wearables are detected by a UHF antenna mounted on mobile equipment. Whether in a hard hat or vest, when an RFID tag is detected within an adjustable 'danger zone' behind the equipment, both operator and ground personnel are instantly alerted.

It won't take long before ground workers adopt safer habits to avoid coming too close to danger.

CHALLENGE

Getting ground crews to take a wider path around mobile equipment.

SOLUTION

Easy implementation & immediate notification for close proximity situations.

According to OSHA the top cause of injuries and second cause of death on construction sites is being struck by heavy equipment.

800 CONSTRUCTION WORKERS DIE EVERY YEAR

TOOLS TO CHANGE BEHAVIOR

Urges personnel to develop safe habits around mobile equipment.

CAT DETECT FOR PERSONNEL

COMPONENTS

- Low frequency UHF antenna
- Adjustable mounting bracket
- External alarm
- In-cab display
- Passive RFID tags
  - Vests
  - Hard hat stickers
  - Marker tags

BENEFITS

- Ideal for mixed fleets
- Detects only what is tagged
- Low maintenance – no battery charging
- Dynamic & customizable 'danger zone'
- Focuses on primary blind spot
- Alerts both operators & ground personnel

CLASS II
HI-VIS YELLOW
SAFETY VEST

14 RFID TAGS
STITCHED IN VEST

RFID
RIGID TAG

10 RFID STICKERS
APPLIED TO HARD HAT

MIGITAGE & MANAGE THE RISK

With visibility to risks, so you can take action for greater safety.

- Provide targeted worker training
- Revise traffic patterns
- Know when to adjust the UHF antenna

CONTACT YOUR
LOCAL CAT DEALER FOR
MORE INFORMATION

CAT®