



**VISIBILITY IS YOUR FIRST LINE OF DEFENSE.
OBJECT DETECTION MAKES IT POSSIBLE.**

Give operators greater awareness. Uncover threats to the operation. Protect people and assets.



SEE POTENTIAL HAZARDS

Mobile equipment operators need to be keenly aware of their environment, especially when putting their equipment into motion. The more information they have, the greater their awareness — and their safety.

Cat MineStar® Object Detection gives operators information about what's around them, using cameras and radars to pick up on slow moving traffic that is in close proximity to the machine — and then pushing notifications to the operator to warn them that there are objects in the danger zone.

This is information they can act upon before something tragic happens.

MITIGATE SLOW-SPEED ACCIDENTS

Object Detection helps mitigate the potential for slow-speed accidents by increasing visibility during the most critical times: machine startup, initial movement and always in reverse.

Object Detection automatically detects hazards within critical areas around the machine — primarily the front, rear and turning radius on each side — and alerts the operator.

MANAGE VISIBILITY SITE-WIDE

Object Detection is a vehicle-agnostic, site-wide solution that improves the safety of your entire mining operation.

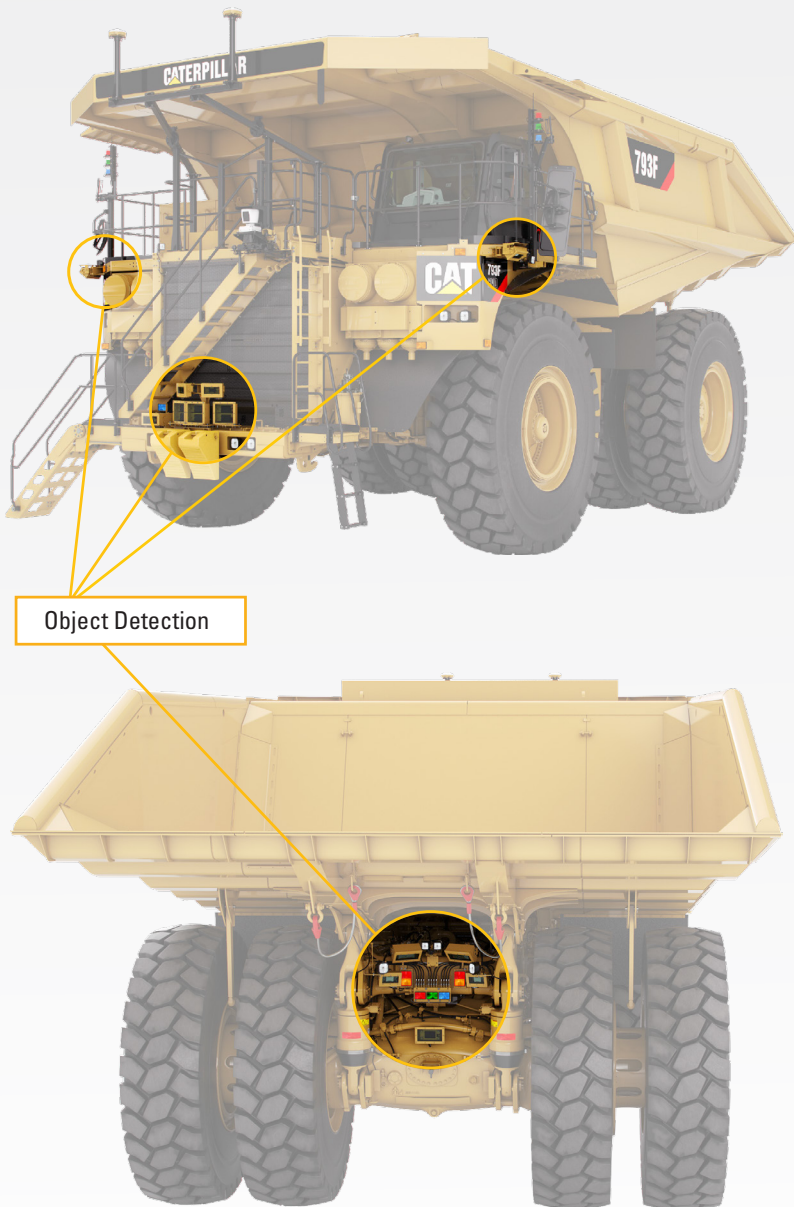
It gives operators a complete picture of other equipment and hazardous conditions around the machine. It detects a wide range of hazards without the need for tagging and builds operator confidence for safer, more efficient operation all shift long.

In addition, the solution helps mines improve overall safety performance by making up to 72 hours of data available for incident re-creation or operator training.

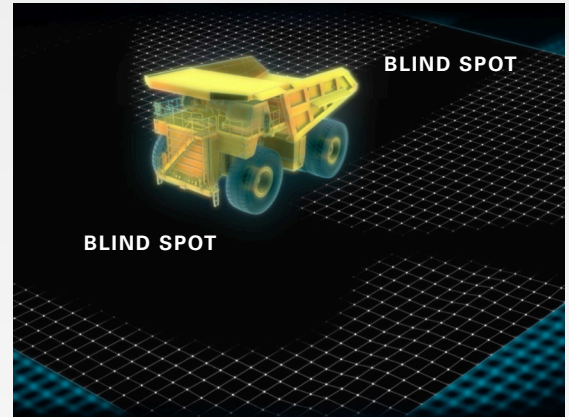


OBJECT DETECTION SYSTEM HARDWARE

Simple to use. No subscription required.



SEE WHAT YOUR OPERATOR SEES



*Operator visibility with no technology
— multiple blind spots*



*Operator visibility with Object Detection
— reduced blind spots*

GIVE YOUR OPERATORS THE POWER TO SEE

*Protect your people and your assets.
Visit cat.com/objectdetection*