



# DETECT

THE AWARENESS YOU WANT.





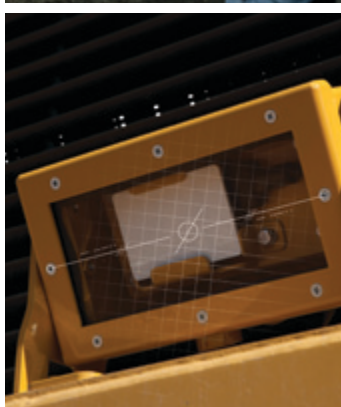
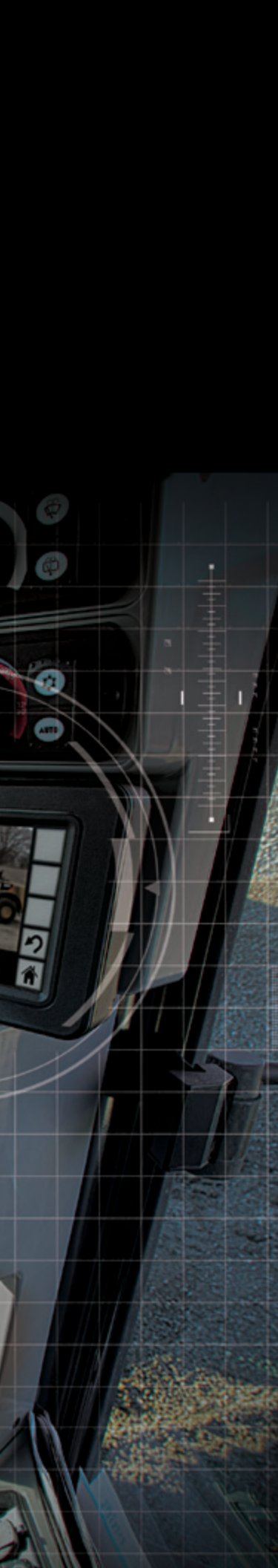
# INCREASE YOUR AWARENESS, SAFETY AND PRODUCTIVITY

When you're operating heavy equipment on active jobsites, large construction projects or in a complex quarry, you need to be aware of everything around you. Enhancing visibility improves the safety and productivity of your entire operation.

Cat Connect DETECT technologies combine safety and monitoring systems to enhance operator awareness. By expanding your view of the working environment around your equipment, you can keep your people and assets safe.







## EXPAND OPERATORS' VIEW OF THE WORK AREA

DETECT technologies include cameras and monitoring systems that expand the operator's view of the immediate work area around the machine so you know exactly where other machines, objects and people are for added safety in everyday operation.

Rear vision cameras greatly enhance visibility behind the machine, helping the operator work more safely and productively. Camera views are automatically displayed on the integrated in-cab monitor during reverse travel as an added safety feature on most machines. Additional displays can be added when operations require a dedicated full-time rear view.

Depending on machine size and application, some systems can use up to three cameras to provide full coverage in areas of limited visibility. Views can be set up by camera location (front, rear, side) or programmed to switch automatically based on direction of travel.

## INCREASE AWARENESS ON THE JOBSITE

On larger equipment, DETECT technologies incorporate radar systems that provide additional levels of operator awareness. These systems scan for objects that are near the machine but out of the operator's view, such as light vehicles and other jobsite equipment.


Object Detection systems automatically detect equipment directly in the machine's path and within critical zones around the perimeter. The system uses audible warnings to alert the operator of potential hazards and displays specific camera views to indicate distance and location of detected objects.

## IMPROVE CONFIDENCE AND PRODUCTIVITY

Increasing awareness of the working area around the machine gives the operator the confidence to work more safely and efficiently, at maximum potential. Cameras can also be used to assist operators with precise control of work tools where there is limited visibility to the tool itself. Strategic placement of cameras can help the operator accurately guide the work tool. It all adds up to a safer, more productive operation.

# THE VISIBILITY YOU WANT FROM YOUR EQUIPMENT.

DETECT technologies are available from the factory or as dealer-installed options.

 <b>DETECT</b>	CAMERAS	OBJECT DETECTION	HEIGHT/DEPTH ALERTS	AVOIDANCE ZONES	OPERATOR ALERTS
MOTOR GRADERS	✓	✓		✓	✓
EXCAVATORS	✓		✓	✓	✓
WHEEL LOADERS	✓	✓			✓
OFF-HIGHWAY TRUCKS	✓	✓			✓
ARTICULATED TRUCKS	✓				✓
SCRAPERS	✓			✓	✓
TRACK TYPE TRACTORS	✓			✓	✓
ASPHALT COMPACTORS				✓	✓
SOIL COMPACTORS				✓	✓

## CAT® CONNECT



EQUIPMENT  
MANAGEMENT



PRODUCTIVITY



SAFETY



SUSTAINABILITY

Cat Connect combines technologies and services to boost your jobsite performance. Whether you're running a few pieces of equipment or a big fleet, your Cat dealer can help you put together a package that gives you timely information about your operations, helps you complete jobs faster and lets you achieve the efficiency you want.

It's what we're built to deliver.

## BUILT FOR IT.™

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