

# KEEP PEOPLE SAFE AND MAKE OPERATIONS MORE PRODUCTIVE.



Mining automation is the way of the future. Today, Cat® Command is making equipment automation a safe and productive reality on mine sites around the world. From remote control dozing to semi-autonomous underground and autonomous haulage systems, Cat Command is making the future a reality—with autonomy systems available for the widest range of equipment in the industry, plus seamless integration with other Cat MineStar™ technologies.

## CAPABILITIES

**REMOTE CONTROL SYSTEMS FOR DOZING AND UNDERGROUND** – Console control for on-site work. Remote Operator Stations for off-site use in a safe, comfortable environment. Deep integration with Cat machine systems provides smooth, predictable control. Provides affordable first steps into mining automation.

**SEMI-AUTONOMOUS SYSTEMS FOR DRILLING, DOZING AND UNDERGROUND** – Takes over major parts of the operation from the operator. Frees the operator up to manage multiple machines in multiple locations. Works with other Cat MineStar capabilities to incorporate precision guidance and site planning functionalities.

**AUTONOMOUS SYSTEMS FOR HAULING, DRILLING AND UNDERGROUND** – Safely navigates trucks between loading tools and dump points while avoiding traffic and obstacles. Enables machines to keep working in a wider range of site conditions. Allows operators to upgrade to new jobs with higher skill levels.

## CAT COMMAND HELPS YOU:

ELIMINATE	ENABLE	CONTROL	REDUCE	OPTIMIZE
operators' exposure to noise, dust and vibration.	advanced mine site management from a central command center.	operating costs and maximize productivity through predictable operation.	machine wear and tear by maintaining optimum operating parameters.	start- and end-of-shift utilization for higher productivity.

For more information, go to [www.cat.com/minestar](http://www.cat.com/minestar) or contact your local dealer.

