WHAT WE CAN HELP YOU DO

BOOST: Safety | Productivity | Efficiency

REDUCE: Mine footprint | Overall costs

IMPROVE: Machine availability | Consistency | Accuracy | Profitability

CAT® MINESTAR™ COMMAND

TAKE COMMAND

WHAT WE OFFER: CAPABILITIES

Command for dozing: Remote Control and Semi-Autonomous
» Offers line-of-sight operation via remote console or operator station
» Allows non-line-of-sight operation via camera system
» Enables one operator to control multiple dozers with semi-autonomous solution

Command for hauling: Fully Autonomous
» Enables haul trucks to work autonomously — without human operators
» Operates safely around other equipment, light vehicles and other employees

Command for underground loading: Semi-Autonomous
» Automates tramming component of the Load-Haul-Dump loaders (LHD) cycle
» Allows operator to control one or more machines from a remote location out of harm's way — above or below ground

Command for longwall: Semi-Autonomous
» Delivers semi-autonomous control for plows via remote operator station (control for shearers in development)
» Provides logging, analysis and visualization capabilities to give operator a clear picture of the current and past activity at the face

Command for drilling: Fully Autonomous (in development)
» Enables fully autonomous drilling, with automated tramming and drilling to target locations and depths
» Increases drill pattern accuracy and provides feedback to enhance ore sampling and precise hole loading

A suite of automation offerings that leverages other Cat MineStar capabilities to provide the fully integrated operation of autonomous, semi-autonomous and remotely controlled mining systems. Works seamlessly with all:

» Equipment
» Personnel
» Environments

FOR MORE INFORMATION,
GO TO **WWW.CAT.COM/MINESTAR**
OR CONTACT YOUR LOCAL DEALER

CAT®