



CAT® MINESTAR™ COMMAND FOR HAULING AUTONOMOUS HAULAGE SYSTEM

ADDRESSING THE QUARRY INDUSTRY'S TOUGHEST CHALLENGES

ENHANCED SAFETY

- » Proven safety record: 419+ million kilometers traveled with no reported injuries
- » Multiple layers of safety
- » Proprietary perception system that detects obstacles in the harshest mining environments
- » Supports safe interactions between staffed and autonomous machines

ADDRESSES LABOR CHALLENGES

IMPROVED EFFICIENCY

- » Drives consistency and minimizes idle time
- » User interface and remote support tailored for smaller operations

OEM-INTEGRATED AUTONOMY

GREATER UTILIZATION OF ASSETS

- » Increased productive time with consistent haul cycle times
- » Real-time machine tracking and productivity management
- » Active health monitoring and Cat support enable high uptime



Benefits are as compared to operations without a similar technology. Actual results may vary based on application, infrastructure, network connectivity, equipment maintenance and operating procedures, among other factors.