TERRAIN FOR LOADING

MAKE EVERY LOAD COUNT FOR MORE.

Mine site output depends on efficient loading and hauling. Cat® MineStar Terrain for loading makes those operations more productive while providing accurate feedback to key personnel. It shows operators the type of material and the exact volume that is being loaded into trucks and crushers. Real-time feedback on payloads and design plan progress helps managers track materials and plan future operations.

BENEFITS

» Optimizes shovels, excavators and wheel loaders from any manufacturer.

» Improves material tracking and shift-to-shift operator performance.

» Allows analysis of machine utilization and productivity by machine, shift and operator.

» Allows instant updates to grade block files and assignments for all Terrain machines.

» Increases productivity and accuracy through precision satellite guidance.

» Helps mines monitor job progress to reduce rework and maximize efficiency.

» Enhances ore control and blending at the face through grade block data in the cab.

» Tracks machine locations and progress against plan in real time.

» Measures bucket payloads for optimal truck loading and payload management.

» Records production cycles of excavators at the face and wheel loaders at the crusher.

» Reduces the need for survey work and personnel on toe or crest surfaces.

DIFFERENTIATORS

» Single-source provider

» Integration with MineStar: Proximity Awareness for collision avoidance; Truck Spotting

» Integration with third-party digger payload systems

» Ore control capabilities

» Core component of Command for hauling

SUCCESS STORIES

» An Australian iron ore mine increased productivity 55 percent with a 35 percent cost savings.

» A South American copper mine reduced misidentified loads by 45 percent.

TERRAIN FOR LOADING HAS DELIVERED REAL RESULTS

» 55% productivity increase

» 35% cost savings

» 40% reduction in misidentified loads

CAT®