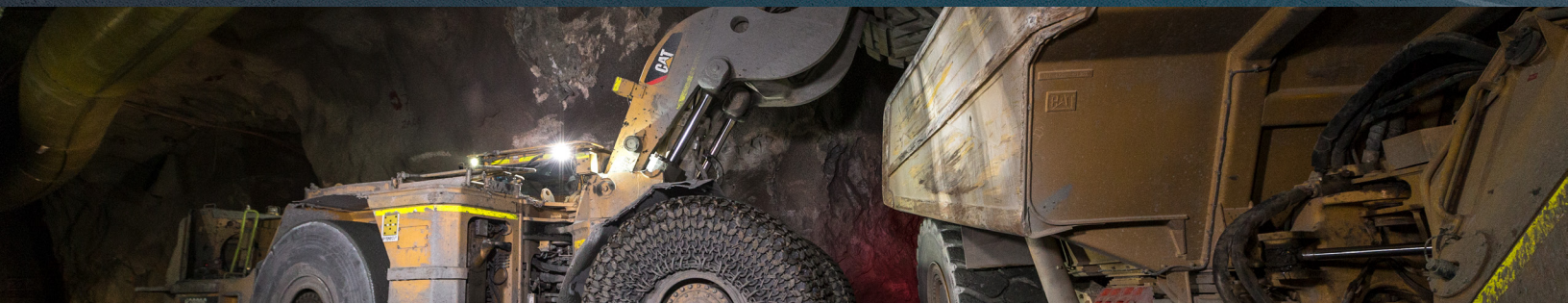




GET ESSENTIAL UNDERGROUND INFORMATION — IN REAL TIME — WITH FLEET FOR UNDERGROUND



Timely, accurate communication is key to running a productive mine. When that mine is underground, having access to information is even more important — and has always been more difficult. Until now.

Cat® MineStar™ Fleet for underground provides real-time visibility to cycle time, payload and other key operational parameters. It automatically records and tracks data up and down the value chain, providing insights that help you identify what's working and fix what's not.

Thanks to our proprietary high-precision underground positioning technology, mines can accurately track personnel and assets to sub-meter accuracy. This also gives you access to critical cycle information, so you can better understand machine usage and overall efficiency of operations. Real-time two-way task management provides essential data that positively impacts productivity and helps you optimize the entire mining operation.

- Gives site leaders and controllers total control over tasks with dynamic in-shift rescheduling that can be communicated directly to operators via in-cab display.
- Collects data on material grade, location, delays, and proficiency of operators, helping miners enhance data management and streamline operations.
- Helps miners better understand machine usage and overall efficiency of operations. Users can actively prevent bottlenecks and experience gains in productivity.
- Provides flexibility to change assignments and shift KPIs in real time.
- Allows site managers to review operations and manage areas of critical importance and eliminate paper management of shift plans and tasks.

GPS-TYPE TRACKING
capability underground

RIGHT DRAW,
RIGHT TIME,
EVERY TIME

Boosts utilization
+
optimizes efficiency

“The ability to be able to see where everything is — within a meter basically — that allows a GPS type tracking capability underground.”

—Grant Cunningham, Operations Engagement Architect, Newmont Goldcorp Tanami Operations

“It gives us a real-time view of the productivity at the draw point to identify those areas where we can change the design, we can change the deployment and make sure that we’re maximizing that activity.”

—Aaron Nankivell, Mining Operations Manager, Newmont Goldcorp Tanami Operations

TAKE TECHNOLOGY UNDERGROUND

See how you can get real-time access to information. Visit cat.com/fleetforunderground