



## MINESTAR GUIDE — THE NEXT GENERATION OF MACHINE TRACKING & GUIDANCE

There's more to mining than hauling material. The success of your operation also depends on efficient, accurate and productive grading and loading. Cat® MineStar™ Guide can help improve these critical operations. Combining advanced guidance tools, instant operator feedback and real-time progress reporting, Guide helps ensure that grading and loading operations run safely, consistently and according to plan.

MineStar Guide utilizes the advanced capabilities of the Edge™ platform to provide the next generation of high-precision tracking and guidance for grading and loading operations. Guide uses the most advanced GNSS technology to increase machine productivity and provide real-time feedback for improved efficiency.

- Provides high-precision block and material identification automatically to the operator and operations, which allows for improved dilution management
- Automatically sends grade, block and material designs to the machine and operator based on location, which ensures compliance to plan and ultimately boosts productivity and reduces rework
- Eliminates the need for survey stakes and reduces dependency on surveyors in the field

### Gain an edge with Cat MineStar Edge™

Guide is available on MineStar Edge — a cloud-based technology platform that delivers more connected, integrated, scalable and intuitive products that extend further up and down the value chain. It creates an operational ecosystem that gives you visibility to every aspect of your operation, allowing you to efficiently execute your mine plan and deliver optimal quality to the plant and to the surface. MineStar Edge delivers unprecedented data accuracy and near-real-time information. And because it's delivered as a cloud-based, subscription-managed application, it lowers costs and delivers a better user experience for mines of any size.



### CAPABILITIES

- 3D Grade / Design Visualization
  - Plan vs. Actual
  - Automatic design assignment based on location
- Material block identification for loading operations
  - Material identification and override via Edge
  - Automatic block model assignment based on location
- Operator/production KPIs provided to the operator and office via Edge
- Surface visualization and management in the cloud
- Equipment tracking

**IMPROVE**  
the accuracy of blasthole placement, truck payloads, ore control and grades.

**MONITOR**  
the amount and types of materials moved and loaded.

**CONTROL**  
costs by reducing rework, process variation, uneven bench heights and more

**ENHANCE**  
safety through the use of avoidance zones, operator alerts, machine location tracking and more.

**COMMUNICATE**  
seamlessly with Cat MineStar Edge and other mine management systems.

For more information, go to <https://imminingtech.com/edge-cat-mining-solutions/>