Digital Mine from GE Transportation

a Wabtec Company

Digital Mine from GE Transportation, a Wabtec company, leverages decades of mining experience, cutting-edge data science and analytics technology to offer a full suite of solutions ranging from Asset Performance Management, Operations Performance Management and Collision Awareness Solutions to help Miner's reduce costs, improve availability and reliability while managing risk maximizing asset performance, and optimizing $/ton.

Digital Mine: What we do

Solutions:

Asset Performance Management
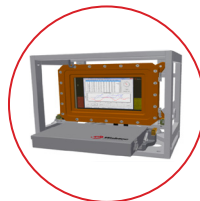
Operations Performance Management

Collision Awareness Systems

Support, Services & Monitoring

Ecosystem Product & Support Co-Creation

Drill Guidance Solutions
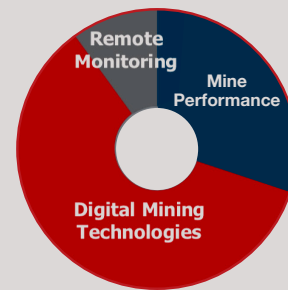
Install Base Highlights

- **125+** Years of mining experience
- **7K+** Assets monitored
- **360+** Million hours of CAS ops
- **8K+** CAS Vehicles
- **1K+** Digital Twins for Mining
- **20+** Countries Served

Outcomes Delivered
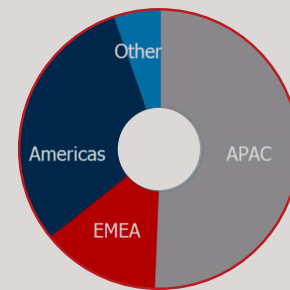
Improved Availability
Productivity Optimization
Asset Utilization
Improved throughput
Equipment Uptime
Operational Visibility
Safety
Recordables Reduction

Digital Mine Industry Dynamics & Growth Drivers

Revenue by Segment

Remote Monitoring · Mine Performance · Digital Mining Technologies

Revenue by Geography

Other · APAC · Americas · EMEA

Health & Safety
- Improve health and safety by removing people from hazardous situations
- Market shift towards Intervention Controls for Collision Awareness Solutions

Asset Health & Predictive Maintenance
- Maximize health of asset by implementing reliability management strategies
- Pro-actively diagnose asset failures (unplanned downtime) before they occur

Productivity
- Improve fleet utilization and production output
- Minimize downtime and maximize $/ton

Cost Reduction
- Optimize material movement/equipment size to match the ore body/mine design
- Save costs related to technology, operations and utilization

Resource Recovery
- Improve levels of mineral resource recovery
- Target mineral resources currently not feasible technologically or economically.

Wabtec CORPORATION