HEXAGON

The Power of One partner for your mining solutions

A safer, more productive and sustainable future depends on digital transformation. Only Hexagon can take you there.

Empowering an autonomous future for the mining industry

A global leader in digital reality solutions, combining sensor, software and autonomous technologies, Hexagon helps mines to autonomously connect by integrating critical workflows. This is the Power of One.

Exploration

Ensure the integrity of your collected data before using it to estimate resources. Empower exploration and resource geologists to store, manage and analyze drillhole data, perform geological interpretation of deposits and generate accurate block models.

Planning

Generate a seamless flow of information from strategic plans to operational plans. Powerful 3D modeling, data visualization and planning tools for geologists and engineers support seamless workflows from exploration to production. Depend on software developed and proven during more than 50 years of innovation and partnership with thousands of global users.

Drill & Blast

Our multi-layered solution is tailored to minimize ore loss and dilution by delivering accuracy and precision to every step of the drill & blast workflow, ensuring costs and energy consumption are reduced. Ensure your data does its best work, measuring and improving to increase productivity, efficiency and quality by eliminating errors and minimizing waste.

Survey & Monitoring

Depend on intelligent monitoring solutions with no compromise on safety and productivity. Our portfolio for slope stability monitoring supports quick and informed decision-making. Radar, geodetic and geotechnical sensors are integrated into comprehensive software for a holistic view of the mine.

Material Movement

Move material safely, sustainably and efficiently using solutions integrated with a holistic approach to the mine: planning software that ensures a well-designed mine, a fleet management system created to reduce downtime and increase production, a comprehensive slope monitoring portfolio, and an integrated safety solution for collision avoidance, operator alertness and vehicle intervention.

HxGN MinePlan

HxGN MinePlan provides geologists and engineers with powerful 3D modeling and data visualization. It supports seamless workflows, from exploration to production and it's backed by more than 50 years of innovation in partnership with thousands of global users. Productive mines depend on being able to build detailed geological surfaces and solids. Statistical and geo-statistical analysis of project data is essential to producing an accurate block model with confidence.

HxGN MineOperate

HxGN MineOperate comprises suites for open pit and underground fleet management, machine guidance, operator assist, (semi-autonomous), machine and asset health, and fragmentation analysis. Each suite comprises the integrated solutions needed to increase efficiency throughout your mine. The next wave of innovation isn't limited to technology; it will involve systems, people and processes. Success depends on controlling your data so it's possible to foster and grow new initiatives from a solid foundation.

HxGN MineProtect

For all mines, accommodating the pressure for productivity with the need for safety is a fine balance. Hexagon believes safety solutions that put people first need not be at the expense of efficiency and results. In fact, money spent on safety is the most solid investment a mine can make. The HxGN MineProtect portfolio comprises solutions integrated with our collision avoidance system, the industry's leading technology for proximity detection, built on more than a decade's experience with more than 40,000 units at work worldwide.

HxGN MineMeasure

HxGN MineMeasure tailors proven software and hardware solutions with technical expertise to measure and improve the drill and blast process. MineMeasure drives excellence, focusing on the incremental improvements needed for elite performance, digitizing data for the mechanical delivery of high-value ore before further processing to maximize yield. HxGN MineMeasure calculates and analyzes the efficiency of each step via a tailored feedback loop to ensure continuous improvement through accuracy and precision. MineMeasure ensures a well-designed blast pattern effectively executed using high-precision drills; proven fragmentation analysis and blast monitoring that minimizes loss and dilution while delivering data for the next blast pattern design.

HxGN MineMonitoring

HxGN MineMonitoring is a comprehensive portfolio for slope stability monitoring in open-pit mines that aims to support quick and informed decision making through the integration of Hexagon monitoring technologies with radar, geodetic and geotechnical sensors all aggregated into one comprehensive software, for a holistic view of the mine.With the largest install base in open-pit mines and as the longest serving technology leader with more than 30 years of experience, Hexagon offers a complete technology portfolio for slope stability monitoring which includes hardware, software, support and services.

HxGN MinePlan **HxGN** MineOperate **HxGN** MineProtect **HxGN** MineMeasure **HxGN** MineMonitoring **Autonomous** **Underground**

Connect with Us
Digital transformation demands more than partial solutions.
Hexagon is the complete solution, connecting all parts of your mine.

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