

Comprehensive enterprise resource planning and asset management for mining

DXC Mining and Resource Management Solutions for Microsoft Dynamics

Optimise operations with integrated functionality and powerful insights to maximise business potential

Benefits

- Optimise operations with automated workflows and enhanced cost control
- Improve workforce productivity through more effective planning, performance management and delivery
- Maximise equipment lifecycles with predictive maintenance
- Ensure compliance with built-in functionality to manage local tax, regulatory and market requirements
- Make better, faster decisions based on advanced analytics
- Innovate with an integrated, adaptable platform that enables quicker time to market



For most mining organisations, the greatest challenge is securing capital and efficiently allocating it. Regardless of the stage in the mining lifecycle, geographical spread or growth plans, mining organisations must battle to fund operations while minimising internal costs. This hinges on two major factors – equipment and workforce.

Maintaining a productive workforce is intrinsic to the success of all mining companies. In an environment of contract workers, complicated fly-in/fly-out (FIFO) schedules, rigorous health and safety regulations and often a shortage of available labour, many mining companies struggle with effective workforce management planning and delivery.

Maintaining optimal asset availability, reliability and safety of plant, equipment and facilities is an operational imperative that impacts the entire mining facility.

The impact of external factors (such as margin protection, price and currency volatility, resource nationalism) on internal cost control and managing their effects within such a highly regulated environment is a major obstacle.

Mining organisations need the right technology to take on these challenges and efficiently manage their business. DXC Eclipse offers integrated software solutions specifically for the mining sector that deliver comprehensive enterprise resource planning (ERP) and asset management.

DXC Mining and Resource Management solutions, built on Microsoft Dynamics, provide integrated functionality across the full mining lifecycle. Workloads (modules) can be combined to meet specific site requirements and are extendable as the operation advances through the mining lifecycle.

The solution offers insights into all areas of the business, including:

- Financials
- Operations
- Production
- Procurement
- Supply chain management
- Maintenance
- Performance management

Flexible, scalable retail planning

DXC Mining and Resource Management offers a single database to store all financial and operational information. This simplifies information handling as data is entered only once. The solution provides a range of reporting options for all areas of the business from financials and operations to maintenance and performance management.

Built-in compliance

DXC Mining and Resource Management offers built-in, multi-site, multi-language and multi-currency capabilities for more than 30 countries as well as local tax, regulatory and market requirements. Unicode adaptability enables multi-byte character sets designed to allow sites, languages, currencies and local functionality to be upgraded easily.

Integrated best practice process documentation manages key business processes and associated work instructions within an organisation based on mining industry best practices.

Relevant dependencies for each process are maintained across the entire enterprise. This information can then be published to an intranet to facilitate communication, systems and process training across the organisation.

Available anywhere, anytime

With operations often spread across multiple countries and continents, mining executives spend many hours travelling between sites. This requires fast and easy access and insights into operations while on the go.

DXC Mining and Resource Management solutions allow access from mobile, offline applications built for iOS or Android devices. Mobile solutions can be extended by building your own mobile apps using Microsoft PowerApps.

DXC Mining and Resource Management offers a range of deployment options depending on the site requirements and communications infrastructure. Operational companies can be set up at a country level with client level deployments branching off. This removes the need for expensive real-time communications. Data synchronisation facilities allow the consolidation of information back to the head office. The Connected Client allows remote users to log in to a Microsoft Windows-based client or via web browser, while the Mobile Client is accessed via smart devices.

Next steps

Whether your business is growing, expanding into new markets, or replacing outdated systems, DXC Eclipse provides the business solutions, industry knowledge and implementation expertise you need to help you connect and optimise your mining technology and processes — transforming your business for continued success.

Speak to us today to learn more about mining and resource management offerings and find out how our integrated solutions are delivering true process optimisation, insights and transparency for businesses. Let us help guide your digital transformation journey.

Why DXC Eclipse?

DXC Eclipse, a practice within DXC Technology, helps enterprise and mid-market companies accelerate digital transformation, solve business challenges and deliver intelligent solutions that make a difference for clients, employees and partners. We believe in delivering expertise, project transparency and excellent customer service in every engagement.

With team members in North America, EMEA, Asia and Australia-New Zealand, we are uniquely positioned to deliver Microsoft Dynamics 365, ERP, CRM, business process, analytics and collaboration solutions to clients across the globe. The largest independent Microsoft Dynamics partner in the world, DXC Eclipse serves more than 4,000 clients across multiple industries. Our practice delivers services and solutions that positively impact our world today and into the future.

About DXC Technology

DXC Technology (DXC: NYSE) is the world's leading independent, end-to-end IT services company, serving nearly 6,000 private and public-sector clients from a diverse array of industries across 70 countries. The company's technology independence, global talent and extensive partner network deliver transformative digital offerings and solutions that help clients harness the power of innovation to thrive on change. DXC Technology is recognized among the best corporate citizens globally. For more information, visit www.dxc.technology.