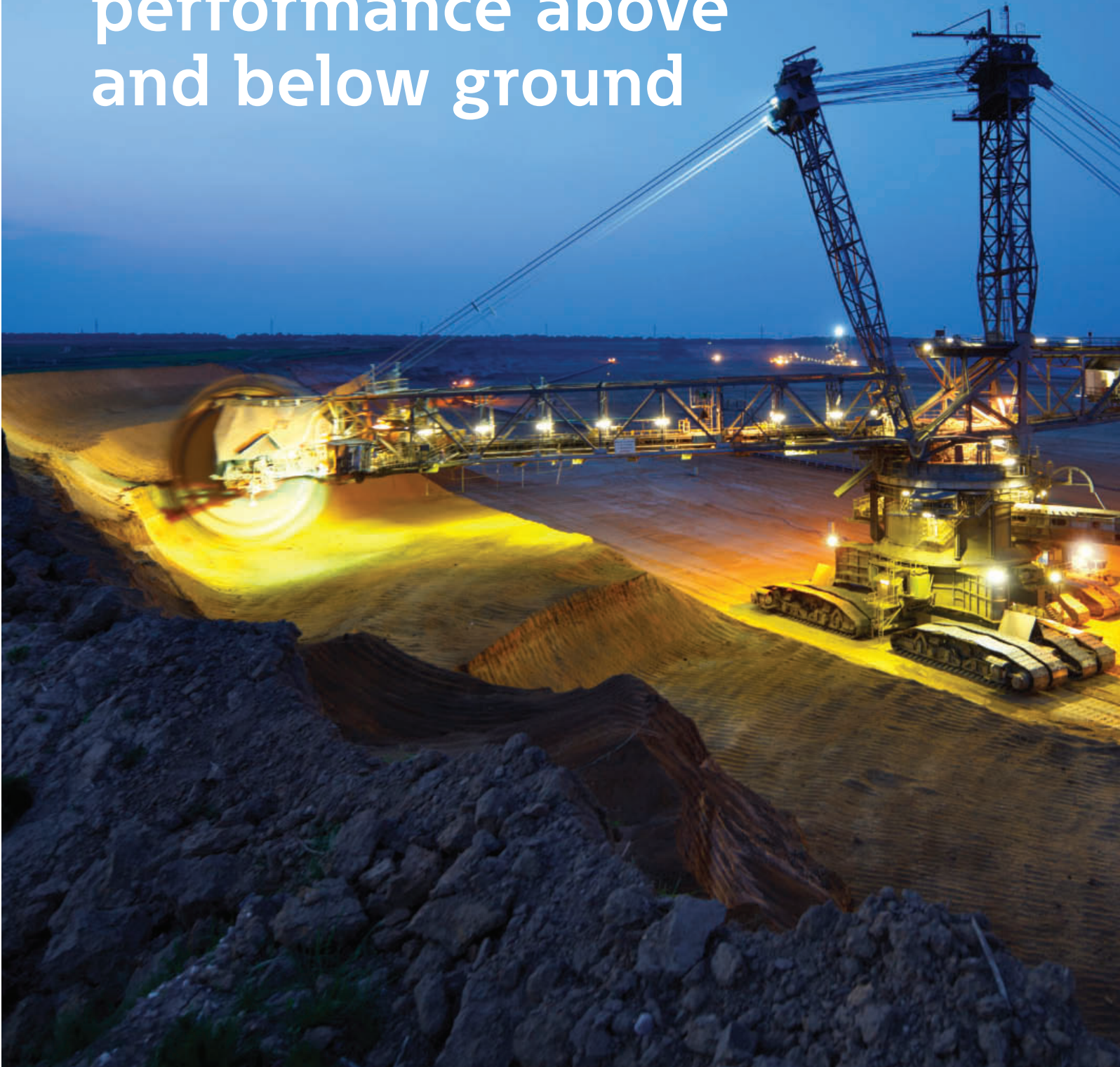


Experience robust performance above and below ground



Powering Business Worldwide

We serve the needs of customers around the world at every stage of mining, from exploration to processing, whether underground or on the surface.

Eaton is a leading power management company, providing energy efficient solutions that help customers use electrical, fluid and mechanical power more reliably, efficiently, safely and sustainably.

We provide a breadth of solutions globally, with innovations that differentiate to help you build a more sustainable business.

Eaton brings a new dimension of expertise.

In mining operations, continuous improvement is a way of life. Safety is paramount and finding the right people for the job is challenging, particularly in the world's most remote locations. If a project, process or piece of equipment isn't working when you need it, it's costing you. You need solutions that work.

Eaton fuels your continuous improvement, gives you confidence in your operations and keeps your people and equipment safe. Mining owners and operators count on our experts, products and services to help better manage costs and capital, to mitigate risk, to work more safely and to improve cost per ton.

Legacy of innovation.

Over the years, our innovative portfolio has grown, including solutions from:

Aeroquip	Crouse-Hinds	Moeller
Airflex	Cutler-Hammer	Powerware
B-Line	Holec	Rolec
Char-Lynn	Internormen	Vickers





Drive continuous improvement across your entire operation with Eaton.

Improve cost and energy efficiency

Delivering energy savings, distributing information efficiently and managing power in mobile machines, Eaton solutions help reduce your energy footprint—making your mine more energy efficient, fuel efficient and productive. Our application and domain knowledge, coupled with technical support experts committed to turnkey solutions, improve your total cost of ownership.

Increase uptime in critical operations

Eaton's rugged products, innovative designs and advanced solutions deliver performance and maximize uptime for continuous operation in harsh environments. Intelligent predictive diagnostic technologies offer on-line monitoring to forecast imminent failure, while on-site service reduces downtime.

Protect people, property and the environment

Eaton's technology and expertise help protect your employees and give operators safe, reliable control in harsh environments. Our solutions minimize impact on the environment, including automated products that reduce emissions. Eaton's extensive R&D capability has produced industry-first safety solutions. Reduce your environmental footprint in a world where carbon reports and impact statements drive operating decisions.

Enabling more consistent fleet performance above and below ground



Lighting: high efficiency industrial LED flood lighting



Vehicle solutions (for up to 16L engines); clutches and transmissions



Fluid conveyance and management: hydraulic hose, fittings and hose condition monitoring



E-house: electrical engineered assemblies



Motion control and positioning systems: valves, cylinders, pumps and motors



Filtration solutions: filters, systems and condition monitoring technologies



Monitoring and communications: closed circuit video and monitoring



Motor control and protection: drives, braking controls and vacuum contactors on electric drive only



Electrohydraulic steering systems: isolate load forces from control station



Services: on-site service experts and hose replacement services



Industrial brakes: Airflex

Mobile applications

Rugged products and innovative design deliver performance and enable uptime for fleets.

Making mine site operations more productive



Power distribution and protection:
industrial UPS solutions, E-houses, transformers, capacitors, reclosers, standard and arc-resistant switchgear



Cable management:
cable tray solutions



Motion control and positioning:
high pressure pumps, radial piston motors, cylinders and manifolds



Connectivity solutions:
SmartWire-DT wiring solutions for the control cabinet



Filtration solutions:
liquid/gas separators



Control and instrumentation:
industrial valves



Services: energy and systems studies, life-cycle extension, lighting layout and energy saving solutions



Filtration solutions:
mechanical and automatic self-cleaning filters



Hose and hose fittings:
industrial hose



Control and instrumentation:
low and medium-voltage motor control and drives



Lighting: industrial LED high bay lighting



Structural solutions:
safety gratings and walkway



Conveyor safety: belt trip and rip controls

Stationary applications

Customized solutions help you better manage power consumption and improve safety to enhance your mining operation.



With a rich heritage of innovation in mining, we understand the challenges you face each day.

Initial stages of mining

Exploration; Drill and Blast; Cut, Load and Haul

Your machines must run 24/7 and endure extreme conditions, making it critical for maintenance and repair to be on-site. Operating across geographic boundaries means you need global coverage and local presence to keep your fleet rolling. A partner needs to give you quick-response service and expertise with a heightened sense of urgency. We understand that downtime means no profit. Eaton solutions integrate new technology and our service capable network can keep you up and running reliably.

Later stages of mining

Crush and Screen, Bulk Material Handling and Processing

Whether you are investing to build new or looking to optimize existing plants, Eaton teams are ready to help you manage the scale, complexity and demands of mining. We understand the pressure of managing power more efficiently since up to 15% of a mine's costs flow from energy consumption. Combine that with the intense pressure for uptime and we have a strong sense of your need for more reliable products, people and processes. This calls for a partner with a track record in mitigating risk, minimizing complexity through turnkey solutions all while meeting lead times and designing for safety and environmental compliance – a partner like Eaton.



Ready to help you
improve your
operation's efficiency,
safety and uptime.



Discover how Eaton can solve your power management challenges.

Bringing your business a new dimension of expertise, customized innovative solutions and uninterrupted operations in the harshest, most hazardous environments.

Eaton.com/mining