



Operational excellence begins with Pitram

Pitram is a proven and trusted fleet management and mine control solution enabling critical decisions to be made faster and with confidence regardless of mine size, type or maturity.

Suitable for any mine in pursuit of operational excellence, Pitram is a fully configurable solution that captures, monitors and reports on operational and production data. Pitram provides real-time analytical capabilities to enable improved decision making on critical areas including safety, development and asset utilisation.

Pitram is the single source of truth for any mining operation seeking to unlock the value in its data. Offering flexibility at the point of design and simplicity at the point of operation, from a market leading technology provider with a global presence and local expertise.

"Since its implementation, Pitram has assisted Cayeli to double the amount of mine activities achieving targets. Of the mine activities monitored, there has been a 10% average increase in productivity." Phil Jay, Mine Manager, Cayeli Bakir Isletmeleri, Underground Copper and Zinc

Single source of the truth

Pitram is the solution of choice for mines in need of quality data and complete visibility. Pitram offers a robust, centralised data capture, management and analytics to base key business decisions on.

Flexibility at the point of design

Our 30 years of mining technology experience tells us that no two mines are the same. Pitram is both scalable in its approach, and agile in its design, providing a world class customised solution for any mining operation, regardless of current and future state, and any existing systems or infrastructure.

Simplicity at the point of operation

MICROMINE is renowned globally for its intuitive technology solutions that span the entire mining process cycle. Pitram is no exception delivering value through its intuitive design for machine operators, configurable management reporting and analytics capabilities, and leveraging the value in automation.

Global presence, local expertise

With over 20 offices worldwide, MICROMINE offers 24/7/365 support. Our specialists have the local knowledge to provide solutions that are relevant to your geographic location and operation, maximising the return on your investment. Pitram has a 100% deployment success rate in over 60 mine sites globally, including the world's highest, deepest and most complex mines.



The Mine Control Room, where data related to an operation's assets is collected and analysed.

Greater control allows operations to increase production, reduce costs, and improve safety and business intelligence capabilities.

KEY BENEFITS

Reduce costs and increase production

Mining operations consist of more than equipment; there are also people, material, processes and systems. Pitram consolidates all data related to these components to generate a comprehensive real-time view of the mine and deliver actionable and meaningful information to the right people, ensuring increased production and reduced costs.

Increase control

A variety of Pitram functionalities and modules have been specifically designed to provide key personnel increased control over the mining operation. Greater control is an essential component in facilitating reduced costs, increased production, and improved safety and business intelligence capabilities

Achieve high face utilisation

Pitram’s ability to assist clients achieve high face utilisation is unique to the solution and essential to increasing the rate of mine development and mine production.

Provide and maintain a safe working environment

Pitram helps minimise, isolate and eliminate risks, reducing the amount of incidents and accidents that can negatively impact production and the performance of the mine.

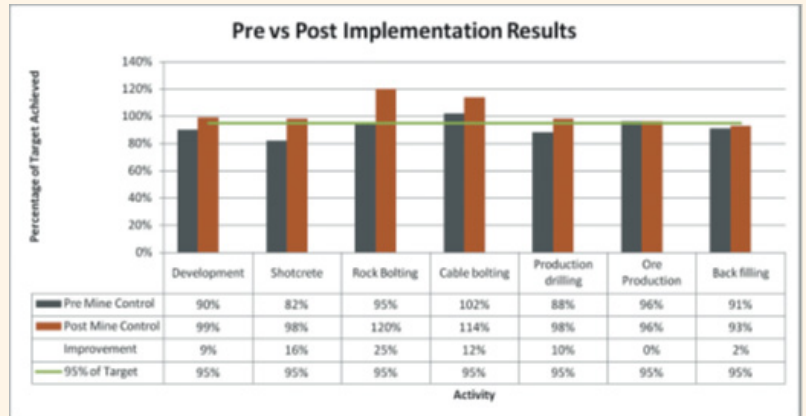
Optimise mine development

Achieving the maximum possible development advance for the firing that meets the design specification is essential to maximising productivity.

Comply with mining plans and performance targets

Pitram’s shift planning functionality enables users to plan and forecast using accurate and timely information. With access to maintenance plans, crew schedules and mining plans, daily production planning can be closely aligned to the weekly and short-term mine plan. Users of Pitram can regularly review the productivity of personnel and equipment, and re-assign resources accordingly. Pitram allows managers to focus on real business issues by reducing administration and reporting tasks, and providing them with a tool to monitor conformance to plans and KPIs.

Pitram in Action



Cayeli Bakir Isletmeleri an underground copper and zinc mine in Turkey implemented Pitram in an attempt to increase production, improve efficiencies and reduce costs. A ‘Percentage of Target Achieved’ study was used to validate the improvements to the mining operation. The study compared the metric production results pre- and post-implementation across seven key activities. The results are shown as above.



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