

## ACHIEVE BUSINESS SUSTAINABILITY & OPERATIONAL IMPROVEMENT GOALS

Provide your team with a mine management solution that focuses on tracking and controlling your personnel, processes and assets.

Built on a highly flexible and scalable framework, Pitram integrates into your mining processes and provides a holistic solution for all your mining information needs.

Pitram achieves a rapid return on investment by offering more than fleet management and a range of deployment options.

### Micromine's Pitram helps mining operations to:

- Maximise operational productivity and performance
- Centrally manage the hazardous mining environment
- Comply with mining plans and regulatory obligations

### Your Team

The right information, the right way, the right time

### Your Process

Flexible, scalable and integrated

### Your Mine

One solution to report, plan and optimise



# ACHIEVE BUSINESS SUSTAINABILITY & OPERATIONAL IMPROVEMENT GOALS

## MAXIMISE OPERATIONAL PRODUCTIVITY AND PERFORMANCE

The mining operation consists of more than equipment; there are also people, material, processes and systems. Pitram consolidates all of this information to generate a comprehensive real-time view of the mine and deliver actionable information to the right people.

- **Achieve production quotas** by continuously monitoring and optimising the mining resources and promptly identifying poor performing assets.
- **Optimise ore extraction** by understanding the material flow, accounting for material inventories and reconciling material movements from the mine to the plant.
- **Save time for your managers and engineers** by using a single validated data store and automatically generating management reports. One version of the truth.
- **Continually optimise the fleet** by analysing wait times and dispatching equipment to improve efficiency.

## CENTRALLY MANAGE THE HAZARDOUS MINING ENVIRONMENT

From shift to shift, the mining environment is constantly changing. Provide and maintain a safe working environment by ensuring that personnel always have a real-time view of the mine.

- **Track personnel movement** through a centralised control room which can provide assistance and direction in an emergency.
- **Monitor controlled and barricaded areas** by limiting access to unauthorised personnel and tracking entry and exit by authorised personnel.
- **Only allow qualified personnel** to operate equipment and perform hazardous tasks by tracking their qualifications, certifications, work permits and licences.

## COMPLY WITH MINING PLANS AND REGULATORY OBLIGATIONS

Personnel should be focussed on performing the right job, at the right time, in the right way. Allow managers to focus on people and real business issues by reducing administration and reporting tasks, and providing them with a tool to monitor conformance to plans and KPI's.

- **Minimise plan variations** by monitoring its progress in real-time. Supervisors can make better decisions by visualising the impact on the overall plan when it is integrated into the working environment.
- **Comply with obligations** by tracking and monitoring critical tasks. Managers are informed immediately when thresholds are exceeded.
- **Manage costs** by maintaining an accurate baseline of effort and materials against every activity. Feeding the planning cycle accurate information will produce better plans, budgets and overall results.



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