



Pitram: Pitram Fleet Manager

Pitram is a mine control and management reporting solution that records, manages and processes mine site data in real-time. By converting data into meaningful information, Pitram provides a thorough overview of a mine site’s activities and increases managerial control over an operation. Greater control allows key personnel to increase production, lower production costs, and improve safety and business intelligence capabilities.

Comprised of intuitive asset, personnel and material tracking, safety, grade and stockpile management, real-time view, planning, optimisation, reporting and analytics capabilities, Pitram offers mining operations of all sizes a scalable and flexible solution that can be adapted as a site grows.

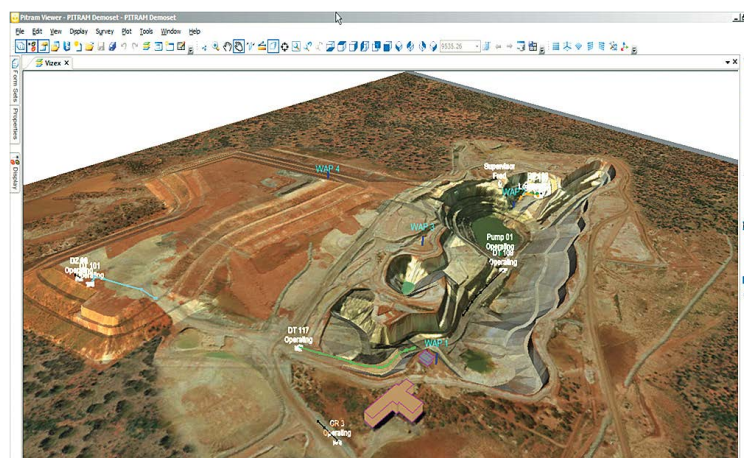
The Pitram product suite includes four programs which offer varying functionalities; Pitram Fleet Manager, Pitram Report, Pitram Control and Pitram Optimum. By providing a range of applications, MICROMINE has ensured that every mine site has access to a Pitram product that is relevant to their specific requirements and budget.

What is Pitram Fleet Manager?

Ideal for open pit operations, Pitram Fleet Manager is an entry-level fleet management program which uses intuitive calculations to optimise the performance of haulage fleets.

The solution tracks and monitors the fleet through a mobile computing platform. Data is automatically collected using GPS or tagging technology, providing real-time production reporting and asset tracking.

Operations wanting more sophisticated functionality can include modules specific to Pitram Control and Pitram Optimum. These modules include Signs and Permits, Shift Planner and Grade Control.



3D visualisation of the mining operation.

Benefits

- Improved fleet efficiency and resource allocation via a high-level overview of the fleet, the fleet’s performance levels, and related activities.
- Major time delays with regards to the fleet can be identified, allowing management to re-allocate resources or change plans accordingly.
- Routine reports are automatically generated, saving personnel time.
- Reduced data handling, resulting in fewer mistakes and reduced personnel hours.



Features

The following features are available within Pitram Fleet Manager:

- Monitors the onsite road networks that the fleet navigates.
- Calculates how long it will take a particular truck to arrive at a certain loader.
- Displays the workload and performance of loaders over a specified time period.
- Includes a mobile computing platform which integrates field hardware and software with GPS, tags and onboard systems. By providing this type of mobility, Pitram can provide operator specific equipment and production information.
- The data collected is collated via the web platform and turned into meaningful information, presented to key personnel in report format.

Flexible and Scalable Solution

Because all mining operations are different and have varying needs, Pitram Fleet Manager is a flexible solution that can be adapted according to an operation's specific requirements. Clients with Pitram Fleet Manager can utilise their existing investment and upgrade as their needs evolve.

Pitram's flexible nature means that no matter how large or small an operation is, where the site is located, or what commodity is being mined, Pitram is suitable for all operations.

Pitram uses the same production and reporting database for the Pitram Fleet Manager solution as it does for its high-end automated Pitram Optimum solution. The value in the software, training and the work invested in implementing the original solution is therefore retained when an operation upgrades to a more advanced Pitram solution.



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