






Fleet Performance Monitoring Solution for mines



Maximizing fleet productivity and making timely production decisions is critical for mining operations. In the volatile commodity market when the mining industry focus is on improving overall productivity, operating assets productivity is very critical. Digital Mining is a revolution that can help mining companies maximize returns from these high value assets by laying out a comprehensive vision for the business and IT landscape.

Solution Highlights

-  Wipro's **Fleet Performance Monitoring Solution** is a real-time fleet monitoring solution designed for open cast mining.
-  **Real-time Monitoring** allows real-time geo location tracking of mining fleets working at remote locations. Also provides combined real-time view of mine level operations, KPIs and contribution of each equipment for selected KPIs.
-  **Visibility of Asset Health** identifies trends for machine health parameters based on past data and notifications created. Enhances the user experience with a unified visual operational dashboard.

Wipro's Fleet Performance Monitoring Solution

Open cast or underground mining projects demand asset productivity and performance. These projects deploy high-value machines for excavation and transportation operations. Wipro's Fleet Performance Monitoring solution is a real-time fleet monitoring solution designed for open cast mining. It is an extension to Wipro's Agile Mining Solution, a pre-configured SAP Rapid Deployment Solution based on SAP S/4HANA Enterprise Management. This solution provides real time visibility into geo location, operational KPIs and health parameters of deployed fleet. The solution also empowers the operations manager with predictive maintenance capabilities to initiate fleet maintenance based on machine health parameters.

Fleet Performance Monitoring solution provides real time visibility into geo location, operations KPIs and health parameters of the deployed fleet.

Key Business Benefits

- Improve mining fleet productivity by efficient deployment of fleet
- Increase mining fleet life by reducing breakdowns and maintaining machine's health
- Reduce unplanned downtimes due to sudden breakdown
- Reduce unplanned repair costs incurred due to sudden breakdown
- Improve safety of mining workers through route and speed monitoring
- Reduce operational costs and fuel consumption

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