

e-mining

Efficient Mining Operations

IoT business tool to increase efficiency of underground and surface mining operations

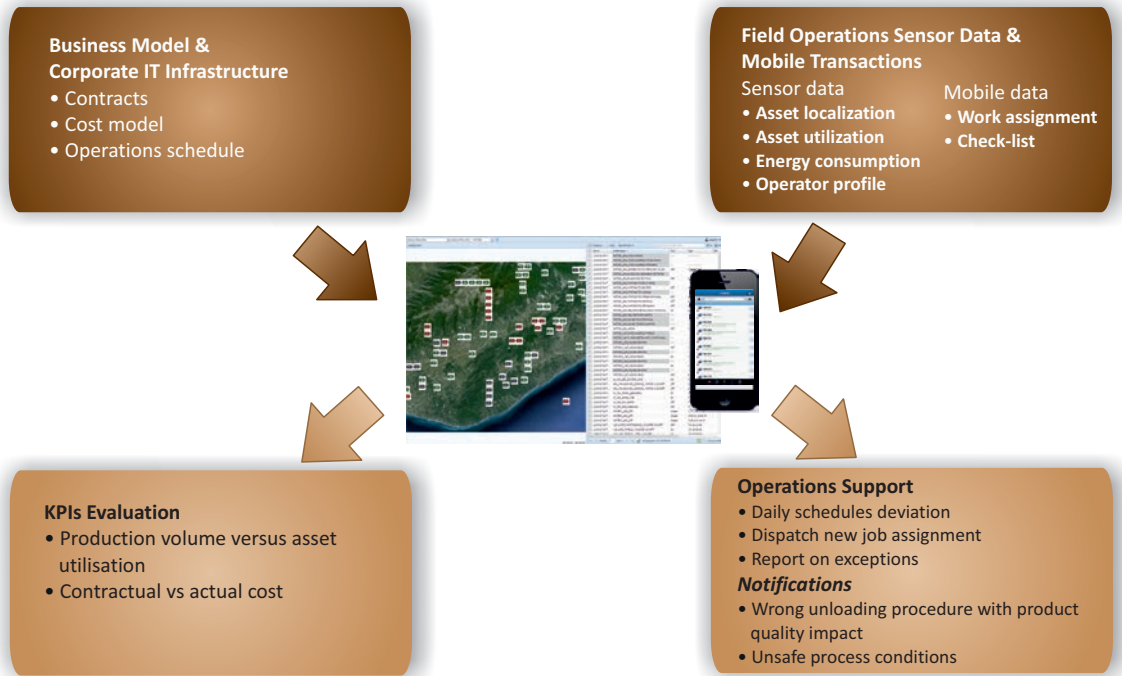


e-mining achieves visibility of the mining field using Internet of Things (IoT) technology.

Data is automatically collected from sensors mounted on mining assets, including loaders and trucks, and filtered and aggregated on a business level to improve operations efficiency and safety.

Both strategic planning and daily operations are addressed. Refined cost measurements per operation enhance cost-effectiveness.

Real time visibility of your business processes



Key features

- Accurate and automated sensor measurement of
 - Load weight measurement
 - Fuel consumption
 - Loading / unloading activity
 - Hauling activity

- Real-time analytics to support daily operations
- KPIs based on aggregated field data to report on business activity
- A tool for business case analysis linking KPIs to operational data
- Seamless integration with SAP


Industrial Internet of Things


Redesign Business Processes & Boost Performance


Emphasis Telematics provides solutions for the performance analysis of business processes based on sensor data. Since 1995, a team of engineering experts has been applying machine-to-machine (M2M), industrial Internet of Things (IIoT), and mobile technologies to optimize efficiency, safety, quality, and cost of business processes.

The Emphasis Telematics approach is based on accurate real-time sensor data that visualizes business processes. The information is aggregated and transformed into corporate knowledge and intelligence to support decision making. The firm designs, develops, and deploys IIoT solutions for industrial and logistics applications, addressing challenging requirements on operational, tactical, and strategic corporate levels.

Turnkey solutions:

 **e-mining** to increase visibility and efficiency in mining operations

 **e-vessel** to enhance vessel efficiency in maritime transportation

 **e-meter** to preserve quality in the supply chain of pharmaceutical products



**SOLUTION
PARTNER**

Emphasis Telematics is an M2M partner of Deutsche Telekom AG and provides global solutions in mining and industrial production, logistics, and maritime transportation.



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