IBM Maximo.

IBM Maximo
Asset Monitor

Highlights:

1. Enterprise-level data aggregation & visibility

2. Scale operations across processes and sites

3. AI-powered detection of issues and anomalies

4. Enable drill-down analysis for resolution team

5. Extend value over time with extensible IoT foundation

AI-powered remote monitoring at scale for improved asset and operational availability

Maximo Asset Monitor leverages IBM's deep commitment to data science at enterprise scale to remotely monitor critical assets and operations, improve anomaly detection with AI, and enable root-cause analysis so that teams can proactively address challenges and avoid surprises.

Your asset maintenance and operational teams struggle with visibility across operations due to fragmented legacy systems and data silos. Alerts are numerous and fixed notification parameters fail to provide the right context. The result? True anomaly detection is unavailable causing availability, cost, and risk KPIs to suffer.

The convergence of IT systems and operational systems is no longer an option. It is a necessity. It is now possible to capture data directly from low cost sensors, legacy control systems, and other repositories that have been collecting data for years.

Features:

Configurable dashboards, alerts, & drill-down
Quickly customize dashboards and configure rules-based alerts to surface data that is tied to specific standards and KPIs. Easily drill down for root-cause analysis

Enterprise-wide view of operations
Integrate data from multiple systems, historians, IoT sensors, and other data sources across multiple sites and processes. Hybrid cloud-based solution designed to scale across the enterprise

Workflow to drive ownership of issues
Configurable to existing workflows to ensure seamless ownership of business issues

Auto-generation of work orders
Able to integrate to Maximo Enterprise Asset Management or other asset management system for automated execution of critical tasks

Rapid data integration
Supports multiple integration approaches, including bulk data integration via REST APIs, message-oriented integrations to IoT gateways, and custom connectors

Hierarchical data filtering and management
Supports asset and systems hierarchies for easy data filtering and root-cause analysis

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Maximo Asset Monitor is a solution for bringing AI into the operational process control and asset maintenance worlds. With Maximo Asset Monitor, asset maintenance and operational leaders can aggregate IT data with operating state data and process parameters across existing control systems, historians, IoT sensors, and other repositories to provide enterprise-wide visibility into performance. Data can be fused in real time and the solution can be scaled quickly and easily across the enterprise.

AI brings asset monitoring to life, resulting in a full operationally-scalable monitoring solution. AI-powered anomaly detection and configurable dashboards ensures only the right alerts are identified while helping you understand complex relationships between factors causing failures. This empowers your OT and IT teams to act with confidence to understand when something has changed, explore root cause variables and drive digital re-invention.

Why IBM?

Maximo Asset Monitor builds on IBM's decades of leadership in the asset and operations management space. It leverages IBM's deep commitment to data science and AI at enterprise scale. Rich data sets are integrated from an array of sources providing better visibility and increased accuracy, and a hybrid cloud-based solution enables scalability.

This means fewer, more accurate, alerts and greater insights into what is causing failures which will allow OT and IT groups to respond more effectively. It also means providing an extensible foundation for added value over time with health scoring and predictive solutions.

With enhancements through IoT data and AI, IBM supports your organization's digital re-invention by providing the tools for new efficiencies, risk reduction, improved customer satisfaction, and the capturing of new revenue streams.

Only IBM has the investments, ecosystems, and experience to turn your assets and operations into a competitive advantage.

For more information:

To learn more about IBM Maximo Asset Monitor, please contact your IBM representative or IBM Business Partner, or go to:

ibm.co/assetmonitor

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