

IBM Maximo Monitor

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



Highlights

- Connect to existing OT Systems and devices
- Unify data across different data sources
- Apply AI-powered anomaly detection without coding
- Create customized dashboards with drag and drop widgets
- Scale monitoring across processes and sites
- Find problem assets and speed time to resolution with drill-down analysis
- Send actions to Maximo or other EAM systems

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 cost, availability, and risk KPIs to suffer.

The convergence of IT systems and operational (OT) systems is no longer an option. It is a necessity. It is now possible to collect data from your existing OT systems and devices, breaking down the silos of your operational data to store in a single-data lake.

Maximo Monitor is a solution for bringing AI into the operational process control and asset maintenance worlds. With Maximo Monitor, asset maintenance and operational leaders can aggregate IT data with operating state data and process parameters across existing control systems, historians, devices, 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.

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.



Pre-built connectors

Access a vast library of pre-build device integrations that enables user to connect to devices and collect unified data in a few clicks.



Creation of service requests

Integrate into Maximo Enterprise Asset Management or other asset management systems and send service requests when a problem is identified.



Rapid data integration

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



Hierarchical data filtering and management

Easily filter data and conduct root-cause analysis with asset and systems hierarchies.

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.

Seamless integration within the Maximo Application Suite

Build on the power of other applications in the Maximo Application Suite such as IBM Maximo Manage, Visual Inspection, Health and Predict. Maximo Monitor provides the foundation for storing and analyzing incoming sensor data used by predictive models.

Maximo Visual Inspection performs visual inspections and provides AI-powered actionable notifications of any emerging issue. Score from models built with the templates that can be visualized alongside Health information on the asset details page. Build your own predictive models or start with templates provided by Maximo Predict.

WHY IBM?

Maximo Monitor builds on decades of IBM leadership in assets and operations management. It is underpinned by IBM's deep commitment to data science and AI at enterprise scale, and its recognized leadership in IoT platform, hybrid cloud, and security.

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.

IBM's global ecosystem of Business Partners has a track record of delivering solutions in over 90 countries, including industry-specific solutions and add-ons that bring more rapid ROI for our customers. Only IBM has the investments, ecosystems, and experience to turn your assets and operations into a competitive advantage.

Learn more about Maximo Monitor and the IBM Maximo Application Suite

Watch videos, read case studies, explore demos and more at our website at www.ibm.com/products/maximo

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IBM Corporation Route 100
Somers, NY 10589

Produced in the United States of America.
October 2023

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