IBM Maximo Health

Make better operational decisions with
a strong foundation of asset health data

IBM

One maintenance strategy doesn't fit all assets. While a run-to-fail strategy may be appropriate in some cases, critical assets need to be well maintained to avoid unplanned downtime. And there's pressure to minimize those maintenance costs and extend the life of those critical assets. Very few failures follow an age-degradation pattern, and in many cases, traditional time-based maintenance strategies are not enough. Usage data or sensor values can provide part of the picture, but information on past maintenance occurrences, the age of the asset and historical investments can truly help assess the state of an asset and move beyond condition-based maintenance.

IBM Maximo® Health brings together condition assessment readings from assets and historical information from work and equipment records. The resulting dashboard display of health criticality, risk and custom scores—combined with other KPIs—provides insights to inform operational decisions. The first step is assessing the current state of the equipment using IBM's predictive analytics. Powerful work queues provide a guided approach for reliability professionals to quickly identify and fix assets at risk or assets missing critical data needed to assess their performance.

Benefits:

– Build scores like health, criticality and risk using IT and OT data to help assess the state of your assets
– Examine KPIs and other relevant asset information in a single view to make data-driven decisions
– Easily identify assets at risk with personalized tables, maps, charts, graphs and risk matrices
– Take actions directly from Maximo Health to reduce maintenance costs and extend the life of your assets
– Build investment projects to determine which assets to replace, and when, based on your risk tolerance and budget
– Locate and update missing asset data with preconfigured work queues
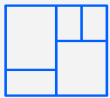
Features

Full visibility into asset status
Get a complete picture of the state of the asset with data from, SCADA systems and enterprise historians, combined with maintenance and failure history to make smarter decisions about repairing and replacing assets.

Build asset investment projects
Group assets into a project, and determine which assets to replace, and when, over the life of that project. Run multiple scenarios with different risk levels and budget.
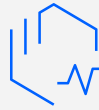
Configurable view of assets
Add and delete columns, filter and sort assets in a grid view to quickly identify and investigate assets.

Guided work queues
Investigate all assets with specific characteristics using pre-configured lists. Check off each item as it's addressed and move to the next.

Create custom scores
Combine data elements and rules to generate unique scoring for health, criticality, and risk among others. Define ranges to easily identify assets in poor health or at risk.

Single asset view
See KPIs in graphs, charts, and tables on a single page to allow for easy assessment of the assets' current state. Take actions, like requesting a work order, directly from the same page.

Maximo Health offers a new way of maintaining equipment that uses not only current condition-based readings from the equipment, but also information from other factors, such as age, maintenance history and cost data.

Seamless integration within the IBM Maximo Application Suite

Build on the power of other applications in the Maximo Application Suite such as IBM Maximo Monitor, IBM Maximo Visual Inspection, and IBM Maximo Predict. Maximo Monitor provides the foundation for collecting, 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. You can use out-of-the-box templates provided with Maximo Predict or build your own predictive models in Watson Studio.

Why IBM?

Maximo Health 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.

Try IBM Maximo for free →
Start your 14-day free trial. Explore the features and benefits of IBM Maximo Manage and IBM Maximo Health, two key solutions in the Maximo Application Suite.

Schedule a consult →
Talk to an IBM expert today to learn how you can start making the most of your assets.

Get a price estimate →
Try our price estimator now and get an instant estimate tailored to your needs.

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