IBM Maximo Asset Health Insights on Cloud offers more insight into health of business assets, bringing improved accuracy and detail to reliability engineers and maintenance supervisors

At a glance

IBM Maximo Asset Health Insights on Cloud capabilities include:

- Consolidates information around business asset health for reliability engineers and maintenance supervisors, including asset history and real-time and historical sensor data from the assets
- Provides the capability to define and normalize asset health based on key drivers, such as remaining useful life, maintenance and failure history, overdue preventive maintenance, and condition based on real-time and historical meter and sensor information and weather
- Provides users with the capability to drill into business assets by location, hierarchy, or asset class to understand the full context of the health of critical assets
- Leverages real-time information and analytics using the IBM Watson Internet of Things Platform, along with other information sources such as current and historical weather

Overview

Maximo Asset Health Insights on Cloud enables reliability engineers and maintenance supervisors to gain a deeper understanding of the health of their assets. These asset health management capabilities include modeling a business asset along with the flexibility of defining asset health for various asset classes in an organization. These models include specific drivers from Maximo data such as asset age, remaining life, and work and failure history. They can also include drivers about asset condition, originating from real-time or historical sensor data, or from manual inspections and readings.

After asset health is defined, the reliability engineer or maintenance supervisor can get an overall view of the health of their assets, normalized across different asset classes. This normalized view can be represented as red, yellow, green, or one through five; the view enables the user to identify specific assets based on their health and take the appropriate actions. These actions can include adjusting preventative maintenance schedules, opening a new preventative maintenance perhaps for an inspection, or scheduling replacement or overhaul of an asset. Certain asset classes or groups of assets based on existing Maximo queries can be
viewed in a list, on a map, or in a hierarchy along with the health of these assets as indicated by the asset health model for that asset class.

This set of capabilities provides a single, enriched view as part of the Maximo system, instead of having to use multiple views from several different tools to achieve the same result. This additional insight can enable increased reliability of the assets, at a reduced cost associated with optimizing preventive maintenance.

### Key prerequisites

- Internet connection
- Browser
- IBM Enterprise Asset Management on Cloud (Maximo) V7.6
- IBM Enterprise Asset Management on Cloud Flex (Maximo) V7.6

### Planned availability date

September 20, 2016

Refer to the [Availability of national languages](#) section for national language availability.

### Description

Maximo Asset Health Insights on Cloud provides the capability to model, map, monitor, and optimize the health of your organization’s business assets through the following feature sets.

#### Modeling asset health

- Enables the selection of an asset type to be scored. A scoring methodology can be created and selected, then mapped to that asset type as well as to the 0-100 baseline scale (default to 0-100).
- Offers capability to enter and display a score manually against an asset or location.
- Performs the asset health score calculation based on weighted drivers (for example, condition, cost, performance); or a calculation that includes the aggregate driver values.
- Can base the driver on asset-based KPIs, condition monitoring points, calculations, or queries.
- Maps score, driver, and factors to the 0-100 baseline to allow aggregation. Each driver and factor is weighted.

#### Mapping real-time information to Maximo assets

- Enables users to identify the source system of condition data
- Facilitates registration of external devices with the IBM Watson IoT Platform
- Maps assets to external devices (if sensors will be leveraged), enabling the sensors to be mapped to individual meters
- Offers capabilities that allow the definition of the rules for external feeds
- Provides tools to display and manage feed from external sensors
- Provides for the definition of the filter and frequency requirements for representative external feeds into Maximo
- Provides the capability to create rules to trigger activities based on sensor data

#### Monitoring asset health
• Enhances the display of asset and location health using charts, map, hierarchy, and floor plan
• Creates asset health-related KPIs and saved queries to display in a configurable dashboard
• Displays asset details, including real-time and historical trends, and enables context-based actions
• Creates rules for taking action based on events from external sensors and integrates with enhanced Maximo condition monitoring
• Creates and monitors notifications through text message or email
• Offers capability to subscribe to events received from external sensors
• Displays historical weather in context (for example, based on the date of the displayed meter reading)

Optimizing asset health

• Provides asset type templates to facilitate asset health onboarding and management
• Enables revision and optimization of preventive maintenance frequency based on asset health history and real-time events
• Facilitates users to conduct root cause analysis of poor performing assets based on asset health scores
• Enables identification of capital project opportunities based on asset health scores

Reference information

For information about electronic download and on-premises installation of IBM Maximo Asset Health Insights, refer to Software Announcement ZP16-0364, dated July 26, 2016

Availability of national languages

Translation information, if available, can be found at the Translation Reports website.

Program number

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Offering Information

Product information is available on the IBM Offering Information website.

More information is also available on the Passport Advantage® and Passport Advantage Express℠ website.

Publications

English and national language product documentation can be accessed from IBM Knowledge Center on the general availability date.

Services

Global Technology Services
Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

Technical information

Specified operating environment

**Hardware and Software requirements**

Software requirements are available though the Maximo Support Platform Matrix.

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

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Planning information

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Product group: Maximo Asset Management

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IBM Maximo Asset Health Insights on Cloud- 5737-B85

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**Money-back guarantee**

No
Volume orders (IVO)

No

Passport Advantage applies

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Software Subscription and Support applies

No

IBM Operational Support Services - Support Line

No

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

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The IBM Electronic Support portal is a single internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. This portal enables you to gain easier access to IBM resources for assistance in resolving technical problems. The My Systems and Premium Search functions make it even easier for organizations that are Electronic Service Agent tool-enabled to track system inventory and find pertinent fixes.

**Benefits**

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For additional information, go to the IBM Electronic Service Agent website.

**More accurate reporting:** Because system information and error logs are automatically uploaded to the IBM Support Center in conjunction with the service request, you are not required to find and send system information, decreasing the risk of misreported or misdiagnosed errors. Once inside IBM, problem error data is run through a data knowledge management system and knowledge articles are appended to the problem record.

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