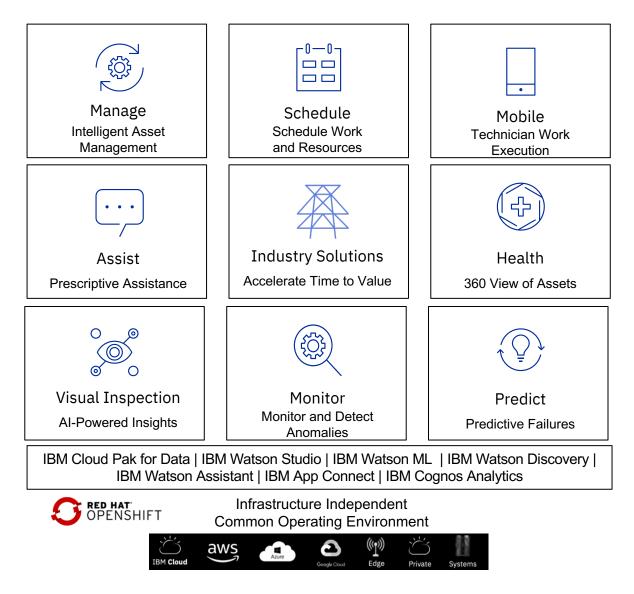
# IBM Maximo Application Suite What's New in MAS v8.11 (there is a lot!)



# Solution Maximo Application Suite



Intelligent Enterprise Asset Management solution to help organizations:

- Manage assets, infrastructure, and resources
- Monitor and measure operations

Improve product and service quality

### Personas

- Technicians
- Technician Supervisor
- Asset Maintenance Manager
- Plant Manager
- Fleet Manager
- Operations Manager

- Reliability Engineer
- Quality Manager
- Planners / Schedulers
- Dispatchers
- Purchasing Managers

# **Reliability Strategies** Makes It Easy

A dedicated RCM/FMEA app with included content library. Together, it's a game-changer.

Reliability Strategies App Manage add-on\*



Reliability Strategy Library\* (Accelerator)





\*Reliability Strategies can be deployed for existing Manage users *without any additional AppPoints.* \*The Reliability Strategy Library *does not require any additional AppPoints.* 

# An Application Purpose-Built for RCM

With rapid time to value, the solution makes it fast and easy to create and optimize reliability strategies

### FMEA Viewer With 8.11

For reviewing equipment failure mechanisms in the Reliability Strategy Library

### Reliability Strategy Composerwith 8.11

Rapidly builds Reliability Strategies with corresponding PMs and Job Plan tasks using the Reliability Strategy Library

### Reliability Strategy BuilderUpcoming release

Edit or add to the Reliability Strategy Library

### Reliability Strategy OptimizerUpcoming release

For optimizing PM's for both reliability and cost

## Conditioned Based Maintenance with Advanced AnalyticsUpcoming release

Drive condition-based maintenance further into the asset base with failure mode/parameter coupled machine learning libraries

IBM Maximo	Application Suite Manage (Pre	eventative Maintenance)			¢ @ @ ₩			
	Explore maintenance strategies			Job Plans	2 Preventative Maintenance			
Canal Equipment		Equipment type	Equipment attribute	Strategy template				
8 Pump		Centrifugal	Close coupled	Horizontal - Axially Split Case - Mechanical Seal - Sleeve	e Bearings - Oil Lubed_v0 ×			
M Overview & b	boundary FMEA	PM and Job plans						
Components	5		Failure mechanism details		~ ¥ @			
Gaskets	s, O-Rings		Name Misalignment from rubbing at bearing, s	eal impeller or wear rings				
Packing	ŝ		Stressors	ant miteres at the trade				
	upport stand		None identified					
Mechan	nical seal		Wear out time Random wear out - the wear out times a occurence.	t this failure location for this specific cause are random in				
Casing	and cover		Functional failure mode					
⇒ Pump b	ase and mounting			Functional failure mode Functional failure results in in-service failure with limited warning period.				
Bearing	ts - antifriction		Repair time 72 hours					
∧ Shaft			Discovery opportunities					
Eailu	re modes (3)		Vibration, Inspection					
			PM tasks and effectiveness at mitigatin	nd this failure				
				in the fatter				
	Failure mechanisms (3)		Task		Effectiveness			
	Misalignment from rubbing at be	aaring, seal, impeller or wear rings.	Performance trend		High			
	Thermal shock		Refurbishment		High			
	Improper installation or storage		Operator rounds		Moderate			
	Mechanical shock, e.g. debris in	ipac						
	Manufacturing defect							
~	Cracked							
~	Loss of diameter							
✓ Impelle	er -							
				-				
				FI	MEA Viewer			

# Pre-Built Strategies for 800+ Asset Types

...based on 25 years of large-scale RCM studies

### **Reliability Strategy Library**

- > 800+ Equipment Types
- > 58,000+ Failure Modes
- 5,000+ PM Tasks with
   step-by-step instructions

### Features for each asset include...

- Time scales of degradation
- Explicit identification of wear-out & random processes
- Stressor influence on degradation time scales
- PM tasks one to one mapping with failure modes
- PM effectiveness at detecting specific degradation

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IBM Maximo Accelerators Catalog with content and solutions built for Maximo, with Maximo, by Maximo people

What is an "Accelerator"?

A solution that complements or extends Maximo Application Suite capabilities, experience or accelerates time to value

- Content, configurations, dashboards, attachments, model templates
- Scripts and code patterns
- New applications built on and for the Maximo Application Suite
- Integrations
- And much more....



## IBM Maximo Accelerator Catalog

## A marketplace at the fingertips of Maximo users

- Discover Accelerators in the navigation or administrator catalog
- From IBM and the Maximo ecosystem
- Leveraging the RedHat marketplace to make it easy

on	Catalog		a						
	Q What are you looking for today?		ÄC						
	Applications Solutions Add-ons	Applications Solutions Add-ons Accelerators Tools			Reliability Strategy Library				
ption	Acceleration, built directly into your Maximo Application Suite. Learn more Reliability Strategy Ubrary Transform how you maintain a reverage failure and mingation developed by industry experts.		Transform how you maintain assets. Explore and leverage failure and mitigation details that were developed by industry experts.						
	With many more ready and available to install	% Cross application			Cohesive				
	Powered by Red Hat Marketplace Application Cross application Manage (12)	Uptime Elements GPS - al-powered Reliability and Xaset Management Assessment Method by Neurolanymeta. Source Management program maturity and success.		Coresse <b>Cohesive Digital Twin for M</b> By Cohesive Optimise operations and ass activities with a digital twin	By Cohesiv	Cohesive Digital Twin for Maximo By Cohesive Optimise operations and asset manage			
	Monitor         (2)           Health         (2)           Predict         (1)           Assist         (0)			time monitoring, predictive activit proactive maintenance regination time m		es with a digital twin that enables re nonitoring, predictive analytics, and ive maintenance regimes.			
	☐ Visual inspection (0) ✓ Industry	Ranage			proactive	maintenance regimes.			
	✓ Provider Reset all	alut Maximo Vision		SED		-			
		EM BacyReporting by EAX 5min Grad for IDM Maxime er station of Assets Super Uters, ou just Administrator creat new or updating existing Reports by simpl & dropping fields.		rators creating	Mx DataStudio By Peacock Representing Ltd Role-based solution designed to make your Maximor data management more straightforward and cost-effective.				
	IBM Maximo Anomaly I Compressors By IBM	Detection Model f	or Air	VARIS Varis Private Marketplace for By Varis Connecting buyers and suppli		nano <sup>10</sup> <b>XY Twin</b> By ImagiaX Customized digital twin asset creation, support,			
	Leverage pre-packaged algorithms and machine identify anomalies in re	e learning techniqu		marketplace.		and management.			
	failures in 2 stage rotary		3			2. La constante de			

## Discover accelerators that solve business problems

- In the MAS catalog and navigation screens
- Dive deeper into accelerators to learn more
- Secure purchase and from the Red Hat Marketplace

M Maximo Application S	ui Take a tour						\$ 0 \$		
Suite navigator								-	
Applications In	ndustry soluti	Add-ons	Accelerators	Tools					
Acceleration, built your Maximo Appli Learn more	t directly into lication Suite.	Explore and leve	you maintain assets. erage failure and Is that were developed						
With 100's more rea	ady and	X Cross-appl	ication (5)						
Powered by Red Hat  Applications Cross-applica Manage Monitor Health Predict	tion (5) (16) (4) (3) (5)	Detection and Fai IBM Leverage pre-pac algorithms and m	kaged, state of the art achine learning ntify anomalies in real	TBTR TBM Maximo Models for Electrical Distribution IBM IBM Maximo Models for Electrical Distribution offers model templates to enhance the reliability of energy and cititiq sases. Helping you anticipate	GPS IBM AI-powere	web.com Uptime Elements Id Reliability and Asset Int Assessment Method	Cohesive cohesive Digital Twin for Maximo Dont use IBM Optimize operations and asset management activities with a digital twin that emables real-time monitoring, predictive analytics, and proactive		
Provider	Cohesive Cohesive Digital 1 IBM Optimize operation management action				IBM Maximo Application Suite	suite navigater / IBM Maximo Models for Electric Bv IBM	Take a tour	S Access in the RedHat Marketplace	
	mainten	cs, and proactive			IBM	IBM Maximo Models for Electrical Distribution off energy and utility assets, helping you anticipate of	figuration files for 18 transmission and distribution		
	Detection and Fai IBM Leverage pre-pac algorithms and m techniques to ide	kaged, state of the art	LBM BM Maximo Connector to IBM Security Qitadar IBM Improve asset reliability by including cytersecurity undersbilletis in your asset health scores. Provide critical asset information to your cybersecu.	VARIS Varis Priva Maximo IBM Access a c marketpla from your solution	Terms License agreement Privacy policy Company information	Maximo Predict. Leverage data and AI to enable s	advantage of built-in asset performance management capabilities in Maximo Health and smarter maintenance and replacement decisions based on historical and current asset to rain asset contains coreas, including health, risk, criticatiny, end of life, and effective age analysis (DGA) visualizations.	2	
		Cohesive Cohesive Digital 1 use IBM Optimize operatio management acti	Twin for Maximo Dont	Cohesive Detective Digital Twin for Maximo IDM Optimize operations and asset management activities with a digital predictive analytics, and proactive mainten			criticality, end of life, or effective age sco file. Dissolved gas analysis model Dissolved gas analysis section is availabl	on <sup>4</sup> Studio notebook, including default asset-class specific notebooks. Calculate health, risk er calculations that are configured in each notebook, Each notebook has an associated. dfg left for transformer-type assets. Use the Duval triangle card to review DGA samples and the notybere in each sample. Use the History of combustible gas analysis chart to review a	
							Support through MAS	els for Electrical Distribution, see the IBM* Support Guide on IBM.com	
							A collection of product documentation to help vo	u get started.	

collection of product documentation to help you get started.

k start guide 🤌 Troubleshooting 🤌 Product configuration 🤌 Additional link 🤌

### Accelerators in onboarding process

Workflow Delegate	Swiss GmbH Easy Reporting	Swiss GmbH	imagin X innovate and inspire	RELIA BILITY WEB.COM	VARIS
	With EAM EasyReporting, reports for IBM Maximo can be designed in Word or Excel and run directly out of IBM Maximo.	Integrated, easy to deploy Add-On and a revolutionary new way of visualizing data in Maximo. The Add-On also allows you to create calendar links which users can subscribe to in their standard Mailing tools like Microsoft Outlook.	<b>iX Twin</b> Customized digital twin asset creation, support, and management	<b>Uptime Elements GPS</b> Ai-powered Reliability and Asset Management Assessment Service Delivery based on Reliability Web's Uptime Elements	<b>Varis</b> Marketplace that integrates with Maximo Application Suite



IBM Environmental Intelligence Suite integration for Maximo Spatial Assets



IBM Maximo Detection and Prediction for Air Compressors

## IBM

IBM Maximo Models for Electric Distribution

Model templates to enhance the reliability of energy and utility assets. With predictive capabilities, it enables you to anticipate downtime, degradation, and failures, ensuring the delivery of safe...

### With more partner and IBM solutions coming soon







## Maximo IT

## What it can do for your business

- Maximo IT provides the IT service management (ITSM) and Asset Management needed to simplify support of users and infrastructures.
- Adds capabilities to support IT/OT convergence
- Helps to reduce costs and increase satisfaction through selfservice, automated service management and integrated, best practice-based service desk capabilities and IT Asset Management processes.
- Leverage your investment and knowledge of Maximo/MAS Manage

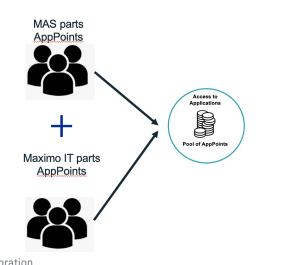


## Maximo IT

### New Add-on to MAS Manage

### Maximo IT

- Complete functionality of IBM Control Desk 7.6.1.5 (ITSM, ITAM)
- Modernized Graphite Self Service, replaces Service Portal
- Integration Foundation
- Slack Chatops, Swarm
- Jira Devops
- ManageIQ Cloud



### How Entitled

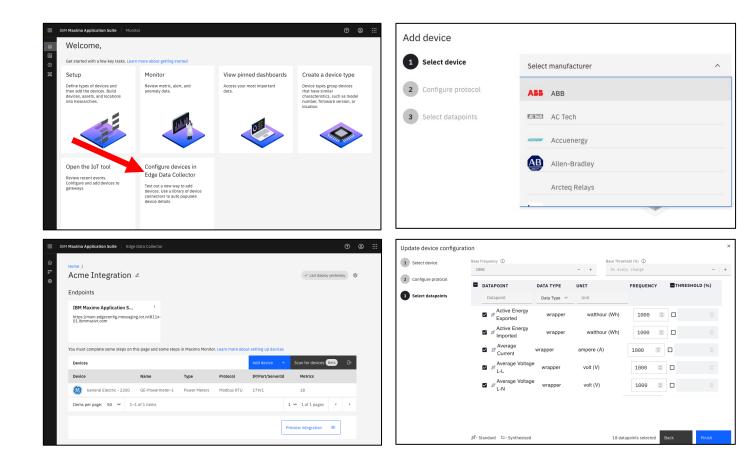
- "Purchased" add-on to MAS
  - MAS is pre-req for Maximo IT
- New Parts for Maximo IT = AppPoints
  - Align with MAS parts (Perpetual, STL, Monthly), S&S
  - Must be purchased to have access and use
  - Trade up/Upgrade parts available for Existing ICD customers
- Users align to MAS types
  - IT users can be flagged using the Manage User Type field and Application Security
- Deployed as add-on to Manage
- Retain Value of the Suite
  - Flexibility to use expanded MAS functionality (Monitor, Health, etc)

## **APM - Maximo Monitor**

## Integrating Omnio Software

MVP (Phase 1) integration of the capabilities provided by the acquisition of the Omnio software.

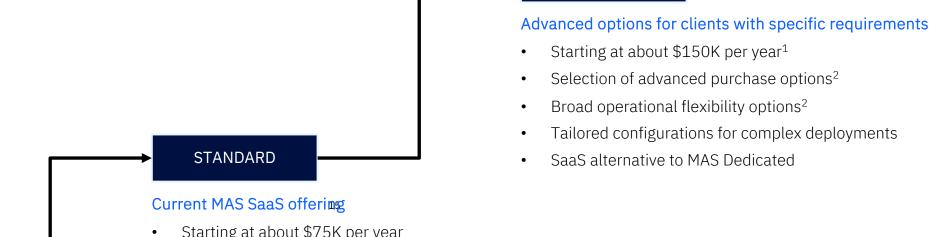
- Users can quickly select and configure integrations with a wide range of industrial data sources, including OT devices, Programmable Logic Controllers (PLCs) and Open Platform Communications (OPC) servers.
- Provides a comprehensive UI to configure integrations launched from within Monitor.
- Connector pre-configurations are searchable by manufacturer, product type, and product name.
- Device datapoints are configurable by the user, which automatically transforms the device data into a standardized data model, providing an efficient method to unify data in MAS.
- Integration is facilitated via Docker using the "Edge Data Collector" software deployed to a IoT Gateway and updated remotely using terminal commands provided in the UI.



## IBM Software SaaS – Tiers with Options for Expansion

	Defining Characteristics	Value
ESSENTIALS	Easy to acquire & simple to adopt Key features to get started Fixed configurations at an affordable price	Reduced time to value Minimum operational costs Enables clients to focus on business priorities
STANDARD	Essentials + incremental features Solid foundation of features / usage that serves a broad range of capabilities Standardized configurations at a moderate price	Simplified deployment & operations Broader capabilities, basic integrations & flexible capacity Vertical & horizontal scaling as client's needs grow
PREMIUM	Standard + incremental features Enterprise offering with maximum flexibility Large set of core features with numerous additional options for tailored solutions	Most configurable package well-suited for clients with custom & complex deployment requirements Provides maximum operational flexibility Offers maximum capacity & options for integration

## New MAS SaaS Tiers



PREMIUM

- Starting at about \$75K per year
- Select additional purchase options available ٠
- Limited operational flexibility ٠
- Best option for most SaaS Flex clients ٠

#### **ESSENTIALS**

Entry level offering for new SaaS clients

- Starting at less than \$40K per year
- Fixed configurations at a fixed price ٠
- Minimum operational flexibility ٠
- Suitable for small on-premises EAM clients ٠

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<sup>2</sup> Availability of options will vary. Not all will be available at initial release.

## New MAS SaaS Tiers

### Essentials

### Standard

### Premium

#### Maximo Maintenance Essentials Manage + Mobile + Health

- 1 environment
- Up to 25 users
- Up to 100 work orders / hour
- Up to 1,000 health scores / hour
- Scheduler included
- Add'l purchase options
- Max of 1 add'l environment
- Up to 25 add'l users

#### Maximo Inspection Essentials **Visual Inspection**

• 1 GPU

0

R

- Up to 2 deployed models
- Up to 5 edge devices
- Up to 10K inferences / hour
- Up to 500 GB storage

Add'l purchase options

None

#### Full MAS Suite with Standard Operational Practices (Today's MAS SaaS Offering)

- Select from any MAS application or combination of applications
- Purchase multiple non-production environments; R/W access to non-prod environments is included
- Purchase any capacity of functionality (e.g., Users, Scores/Inferences, I/O Points, etc.)
- Select from preferred AWS regions (US-East, Montreal, Frankfurt or Sydney)
- Most Manage Industry Solutions & Add-ons are available; some may require additional AppPoints

#### Add'l purchase options<sup>2</sup>

- Non-production environments
- Read-only production DB replica
- Scheduler Optimizer
  - Allow Listing<sup>2</sup>

#### Full MAS Suite with Custom Operational Options<sup>2</sup>

- Flexible scheduling of updates & upgrades (within limits & excluding security updates)
- Support for multiple VPNs
- Deployment validations for regulated industries
- Assigned personnel

#### Add'l purchase options<sup>2</sup>

- Extended update/upgrade schedules Enhanced Disaster Recovery
- Extended data retention periods • Direct (Private) Connect<sup>2</sup> Multi-Workspaces<sup>2</sup>
- Multi-site / Multi-zone support

- Oracle or SQL Server database<sup>2</sup>
- Choice of any AWS data center that offers necessary services<sup>2</sup>

#### IBM Sustainability Software / © 2023 IBM Corporation <sup>1</sup> Subject to change

<sup>2</sup> Availability of options will vary. Not all will be available at initial release.

What's New in MAS 8.11 for Manage		<ul> <li>Manage</li> <li>FISMA Readiness</li> <li>Accessibility Compliancy for Manage core, Industry Solutions and Add-ons</li> <li>Continued work on Continuous Delivery items (CICD) and Operator maturity level items</li> <li>Setting Users to Active/Inactive at MAS level</li> </ul>	<ul> <li>Maximo Mobile</li> <li>New Inventory Issues App</li> <li>Asset app now supports viewing assets in a map, as well as to classify and edit asset specifications in offline mode</li> <li>Performance enhancements on Technician and Inspection apps</li> <li>Deprecation of Parts Identifier</li> <li>Enhancements at the Platform level: <ul> <li>Shared device cleanup</li> <li>Switch sites from the device</li> <li>NFC scanning</li> <li>EAudit moment support (capture when changed happened)</li> </ul> </li> </ul>	
<ul> <li>Dispatching Dashboard</li> <li>Dashboard KPI view</li> <li>Optimization Action</li> <li>Optimization Report</li> <li>Gantt View visualization</li> <li>Assignment Issues</li> <li>Emergency Work Order definition</li> <li>Emergency Optimization parameters</li> </ul> Scheduling Dashboard <ul> <li>Resource Leveling improvements</li> <li>My Commit updates</li> </ul>	<ul> <li>Operational Dashboard         <ul> <li>Addition of KPI Trend card</li> <li>Addition of KPI Bar Chart card</li> <li>Addition of Work Queue card</li> </ul> </li> <li>Addition of integrated Manage/Health KPI</li> <li>Addition of builder capability to edit the dashboard</li> <li>Work Orders         <ul> <li>Extended edit capability</li> <li>Addition of Communication Log</li> <li>Map view on WO List page for Spatial users</li> </ul> </li> <li>New Work Queue Manager admin application</li> </ul>	<ul> <li>Spatial New Tools:</li> <li>1 – Show Related Records</li> <li>2 – Result Tool/Panel</li> <li>3 – Batch Attribute Editor</li> <li>4 – Home Button</li> <li>5 – Sync Tool – Operation Report</li> <li>Enhancements:</li> <li>Performance on map load and ESRI integration</li> <li>Offline map Performance</li> <li>UI enhancement on Mobile and Desktop versions</li> </ul>	<ul> <li>Civil Infrastructure</li> <li>New 2D Stitching service</li> <li>Manually create defect polygon without MVI model</li> <li>Filter inferences by confidence level</li> <li>Usability improvements to defect management process</li> <li>Usability improvements to Operational maps in support of Possession/Closure process</li> </ul>	

## Maximo Visual Inspection

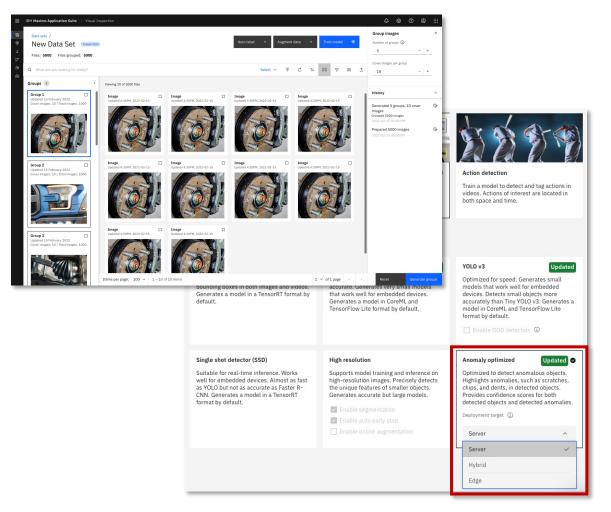
**Dataset pattern insights** is a new capability that automatically groups images in a dataset according to common visual patterns detected in the images using AI.

**Object storage support**: extends the storage of inspection images to millions of images.

• Current storage in PVC, users can enable Object Storage

**Anomaly detection improvements**: enables the selection of an optimized model based on the available inferencing hardware: servers, edge devices, or hybrid systems.

**Seamless upgrades in MVI Edge**: enables the platform to be smoothly and transparently upgraded from one release to a more recent version.





## Maximo Civil Infrastructure Updates

#### New 2D Stitching service

Provides ability to stitch together multiple images taken during an inspection of a large surface into a singlee image for context

#### •Manually create defect polygon without MVI model

Provides ability to create and categorize polygons on defect images taken during the inspection when an MVI AI model is not available. Future vision is to provide this content to MVI for model training.

#### • Filter inferences by confidence level

#### •Usability improvements to defect management process

Mobile performance improvement added which refines the filter of records downloaded to the device.

Decouple classification from category, type, cause fields to allow support for existing defect classifications and future support of failure classification.

Simplify recording a new defect observation and viewing defect observation history.

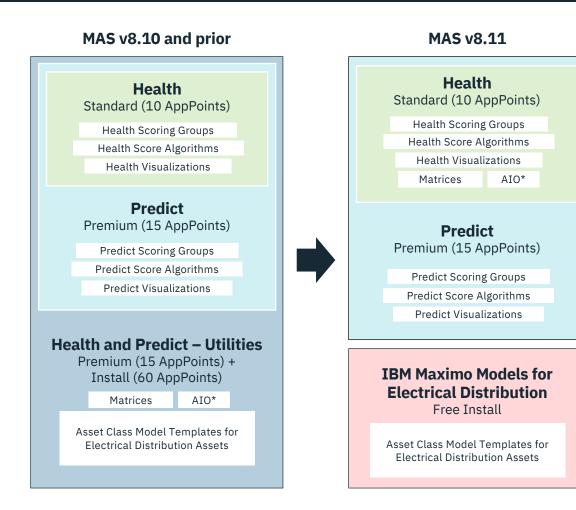
Associate Defect Detection folder to an existing Work Order, Asset or Location.

Better visibility to details associated to Defect Detection folder. Fix performance issues with Asset/Location lists.

#### •Usability improvements to Operational maps in support of Possession/Closure process

Provides ability to create queries for default user and public sharing, when toggling between List and Map views pass the query from the list to the map, expose the Map functions currently available in mobile apps but in desktop theme

## Restructure of Health and Predict – Utilities (HPU) in 8.11



- HPU capabilities and UI (ie. matrices, AIO) move into base Health
- HPU's asset class-specific model templates move into IBM Maximo Models for Electrical Distribution, promoted as an accelerator in RedHat Marketplace
- Customers can no longer purchase or use HPU starting MAS v8.11. Steps to upgrade:
  - Deactivate and delete HPU (AppPoints will be returned)
  - Upgrade to MAS v8.11 Predict
  - Activate Maximo Models for Electrical Distribution
- Maximo Models for Electrical Distribution is available for free through MAS v8.11 upgrade for any Health or Predict users (no install AppPoints required)
- Instructions to activate are available through RedHat Marketplace, PA, and IBM Docs

## Maximo Health and Maximo Predict Updates

#### Use and configure matrices (originally in HPU)

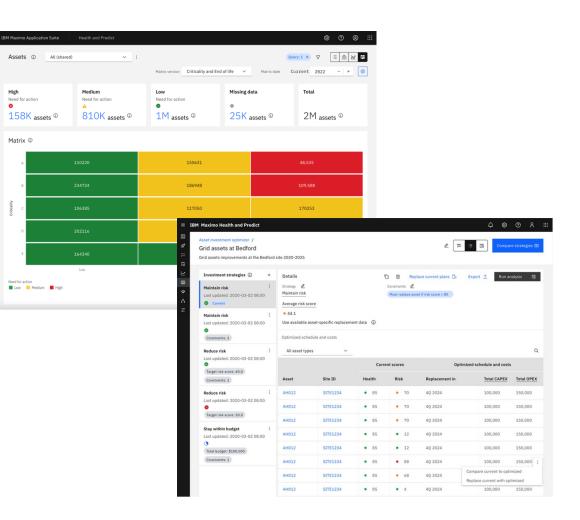
- Identify and drill down into assets at risk using OOTB matrices
- Create new matrix configuration with custom scores, like wear and total cost
- Apply future forecasting of an asset matrix (with Predict)

#### Use asset investment optimizer (originally in HPU)

- Build projects and run replacement scenarios to determine which assets should be replaced and when
- Create and use replacement plan templates
- Compare current plans and optimized strategy

#### **Configure model templates for electrical distribution assets**

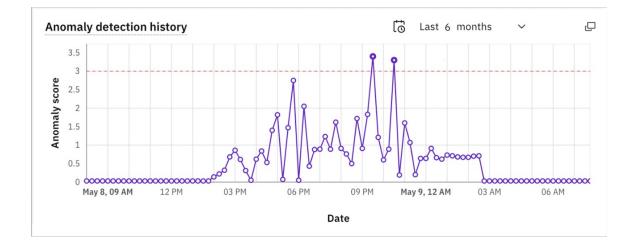
• Activate accelerator: IBM Maximo Models for Electrical Distribution



## Maximo Predict Updates

## View historical anomaly scores of an asset on a more than daily basis

- Get anomaly scores on the asset details page calculated at various frequencies and durations:
  - 5-minute frequency looking back the past 10 days
  - hourly frequency looking back over the last 125 days
  - daily frequency looking back over the last 1 year



## MAS v8.11 is a Long-Term Support Release

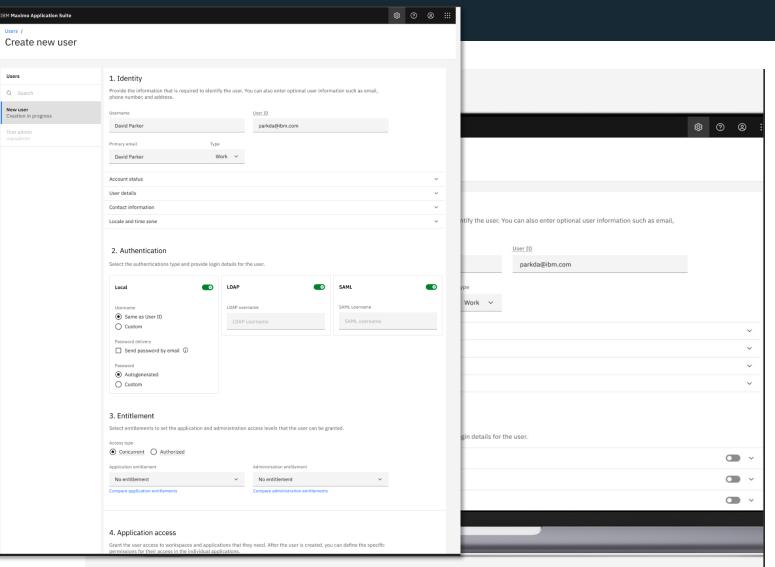
- The release of v8.11 signifies the end of maintenance for v8.9
- v8.11 is a Long-Term Support Release
- We are aligning the support clock for v8.11 with v8.10 such that base support will end for both releases in March 2026
- In compliance with the new IBM support lifecycle requirements:
  - Both releases will offer 'initial extended' support for an additional 1 year (at additional cost)
  - Both releases will offer 'ongoing extended' support for an additional 3 years (at additional cost)

## MAS v8.11 Login enhancements (Phase 1)

The MAS Admin can now configure local, SAML, or LDAP authentication to provide multiple login options that users can authenticate to when they login.

SAML authentication can now be set as a default login route with a seamless login option:

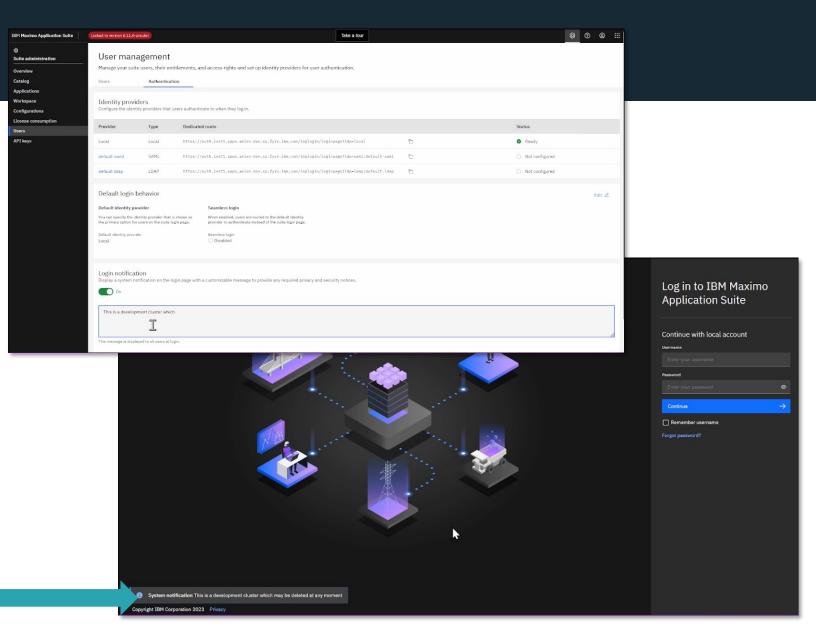
- Seamless login disabled The option to log in by using SAML is available on the Maximo Application Suite login page as the primary login option.
- Seamless login enabled The authentication occurs directly in the SAML IdP. With seamless login, users are directed to the SAML IdP to authenticate instead of the Maximo Application Suite login page.



## Login System Message

You can create and display a system message on the login page to provide security and privacy information to users.

NOTE: If you configure SAML as the default identity provider and enable seamless login, users do not see any system notification that might be shown on the login page.

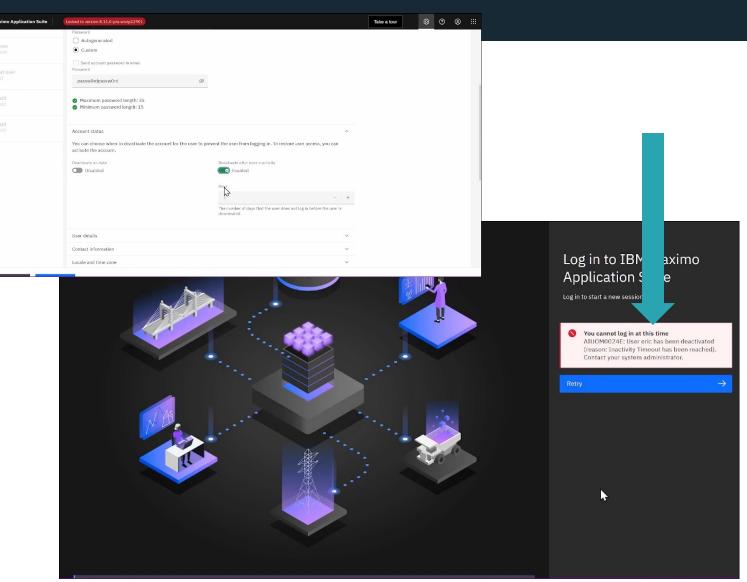


## Support users in active/inactive state

The MAS admin can change the user account status by activating or deactivating it on the User management page.

You can also deactivate the user account by a specific date or after a duration of inactivity from that account.

You can also change the user account status in bulk from the User management page or by importing .csv file.





## API authentication keys for MAS Core

As a suite administrator, you can create, edit, or delete API keys in Maximo Application Suite.

You can activate, deactivate, or refresh authentication tokens for the API keys.

The API keys are used in user management for automation processes.

IBM Maximo Application Suite					\$ \$ \$	© :::
@ Suite administration	API keys					
Overview	Generate and manage app	lication programming in	terface (API) keys to programn	natically perform suite ad	Iministration tasks.	
Catalog						
Applications	Q. Search				∽ III Create	API key +
Workspace Configurations	🗆 Кеу	Description	Permissions	Access token expiry	Status	
License consumption Users	a-02szf6-0hqqjs0ebh	My cool API key	[2] System config, Use	14 March 2021	Active	:
API keys	a-02szf6-0hqqasgbh	-	[1] User management	🛕 14 March 2021	Inactive	:
	a-02szf6-0hqqjs0ebh	-	[1] Workspace	None	Active	÷
	a-02szf6-0hqqjs0ebh	-	[3] System config, Use	None	<ul> <li>Active</li> </ul>	:

## Other updates

### • Audit Log generation

Maximo Application Suite and its applications now support the generation of audit logs for some controls to support the Federal Information Security Management Act (FISMA).

As a Suite administrator, you can forward all logging from Red Hat<sup>®</sup> OpenShift<sup>®</sup> into an external system so that logs can be aggregated and securely stored.

### • Control which CAs you trust

Disable the trust in the default certificate authority (CA) certificates, by updating the CR. If you disable the default trust, then you need to specifically configure certificates and certificate authorities for all external systems that Maximo Application Suite connects to.

### • Upgrade of dependencies via MAS CLI

### • Rollback & Version Lock

As an administrator, you can roll back Maximo Application Suite to an earlier version. Maximo Application Suite can be locked to use a specific version even when the operator is updated or upgraded.

### • Customizing the workload

As an administrator, you can manually configure workloads so that Maximo Application Suite can scale them to match demand. You can modify the supported pod's specifications, such as replicas, container resources, affinity, anti-affinity, and tolerations.

## MAS v8.11 introduces a change to our OCP support posture

### Background

- Since launch, MAS has followed the same OCP support posture as the IBM Cloud Paks
  - We only support MAS on even numbered releases of Red Hat Openshift
  - We only support even numbered releases after CP4D has added their support
- This policy has caused some confusion with clients and is of particular concern for clients wishing to use OCP managed services such as ROSA or ARO

### **Going Forward**

- MAS clients will be supported to run on any supported release of OCP upto the latest even release support by CP4D
  - So MAS v8.11 will support OCP v4.11 & v4.12.
  - •We are also adding OCP v4.11 support to the MAS v8.10 compatibility matrix.
- When CP4D update their support to adopt the next even release, we will also add support for the preceding odd release.

## Storage Fusion Advanced Compatibility

- Storage Fusion Advanced is a Supporting Program for MAS w-e-f MAS v8.11.
- This was previously removed from MAS 8.10 and replaced with \$0 storage part due to starter terms of 12 months creating contracting issues for perpetual licenses and subscriptions > 1 year. New usage with limitations (Data Foundation, 12TB per cluster) address the issue.



# Questions?

