Maximo Application Suite
IBM Product Update

IBM Sustainability Software
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October 16, 2024

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- IBM’s statements regarding its plans, directions, and intent are subject to change or withdrawal without notice at IBM’s sole discretion.
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IBM Maximo Application Suite

Optimize asset value by leveraging the power of AI and IoT.

Maximo Application Suite

- **Capital & asset investment planning**
- **Enterprise asset management**
- **Reliability centered maintenance**
- **Asset performance management**
- **Asset inspection**
- **Field service management**
- **MRO inventory optimization**

Asset class solutions
Renewables | Real estate & facilities management **(TRIRIGA)** | IT asset management with Concert, Turbonomic, Instana | Vegetation management

Industry solutions
Energy & utilities | Oil & gas | Nuclear | Manufacturing | Aviation | Transportation | Civil infrastructure

Ecosystem accelerators catalog
Powered by Red Hat Marketplace

Data services | Cloud Pak for Data

Hybrid Cloud platform | Red Hat OpenShift

Envizi ESG Suite

- **ESG data management**
- **Emissions tracking & reporting**
- **ESG reporting**
- **Decarbonization**
- **ESG planning & forecasting with Planning Analytics**

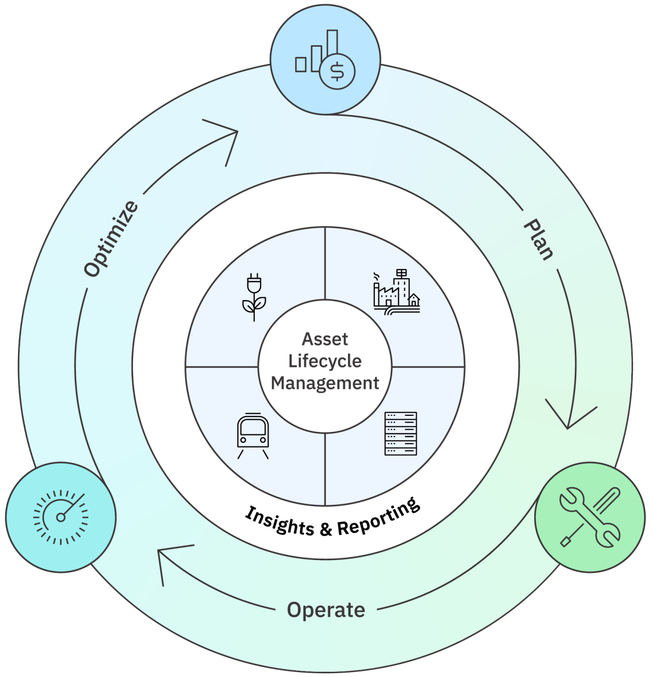
Integrated

Environmental Intelligence

- **Developer tools & APIs**
- **Proprietary environmental insights**
  Geospatial | Weather | GHG emissions | Climate risk
- **3rd party data sets**
  The Weather Company | NASA | IPCC | etc.

powered with **watsonx** Environmental insights

Maximo Application Suite is an integrated solution that optimizes the entire lifecycle of your assets, from planning and deployment to operation, optimization, and disposal, can lead to reductions in operational costs and risks, enhanced workforce productivity and asset reliability, and minimized environmental impact.



IBM recognized as a leader

The only company recognized in both EAM and APM markets

Verdantix Green Quadrant Asset Performance Management 2024

Source: Green Quadrant: Asset Performance Management Solutions 2024
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Verdantix Green Quadrant Enterprise Asset Management 2024

Source: Green Quadrant: Enterprise Asset Management Software 2024
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Maximo Application Suite

Best-of-class capabilities to provide complete view of your assets addressing the needs of key personas in your organization.

- *Technicians*
- *Technician Supervisor*
- *Asset Maintenance Manager*
- *Plant Manager*
- *Fleet Manager*
- *Operations Manager*
- *Reliability Engineer*
- *Quality Manager*
- *Planners / Schedulers*
- *Dispatchers*
- *Storeroom Managers*
- *Purchasing Managers*

Manage
Intelligent Asset Management

Monitor
Monitor and Detect Anomalies

Health
360 View of Assets

Predict
Predictive Failures

Visual Inspection
AI-Powered Insights

IT
ITSM and ITAM combined

Mobile
Technician Work Execution

Assist
Collaborative Assistance

Reliability Strategies
Dedicated Reliability Centered Maintenance

Industry Solutions| Accelerate time to value

Maximo Accelerators Catalog | Complement, extend or enhance MAS

IBM Cloud Pak for Data | Watson | App Connect | Cognos Analytics

Red Hat OpenShift — Infrastructure Independent
Common Operating Environment

IBM Cloud | AWS | Azure | Google Cloud | Private | Edge | Systems

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Maximo Application Suite - Catalog

MAS Applications

- Manage
- Monitor
- Health
- Predict
- Visual Inspections
- Assist

Industry Solutions

- *Manage* Transportation
- *Manage* Nuclear
- *Manage* Utilities
- *Manage* Oil & Gas
- *Manage* Aviation
- *Manage* Civil Infrastructure

Add-on Solutions

- Visual Inspection Edge
- *Manage* Health, Safety & Environment
- *Manage* Asset Configuration Manager
- *Manage* Spatial
- *Manage* Location Service for Esri
- *Manage* SAP and Oracle Connector
- *Manage* Reliability Strategies
- *Manage* IT
- *Manage* Optimizer
- *Manage* Service Provider
- *Manage* WorkDay Connector
- *Manage* TRIRIGA and Envizi Connectors

- Accelerator Catalog

Introducing MAS 9.0
GA June 25, 2024

MAS 9.0 provides:

- Standardization of MAS product versioning which simplifies and aligns across the MAS portfolio
  - All MAS products (including Maximo Manage, Monitor, MVI, Health and Predict) will utilize the same version number within each release. (e.g., MAS 9.0 will contain Maximo Manage 9.0 and Maximo Health 9.0)
- Introduction of a new 3+1+3 Lifecycle Policy
- Upgrade effort will be comparable to any other point release
- Direct upgrade supported from 7.6.0.10/7.6.1.2/7.6.1.3 to 9.x

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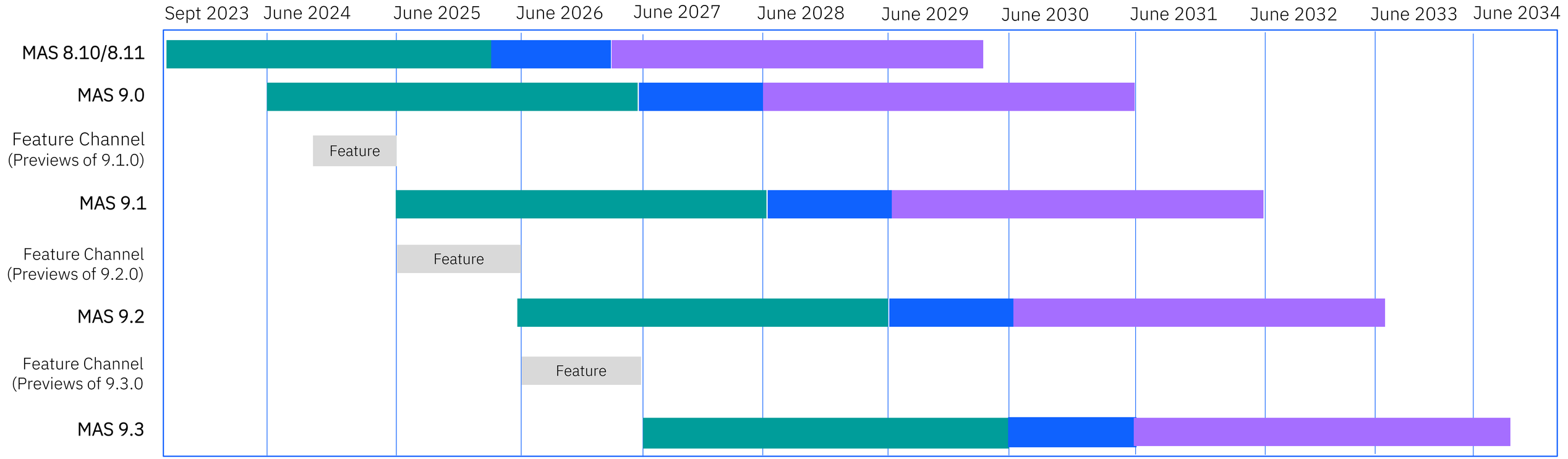
New lifecycle for MAS: 3+1+3 with 12-month release cadence

**Please review MAS SaaS policies for their release cadence



- Follows 3+1+3 lifecycle
- Release every 12 months (9.x)
  - Monthly maintenance updates for 36 months (Base Support)
  - Initial Extended Support for another 12 months
  - Ongoing Extended Support for another 36 months

*Usage + Existing + New Sev1 Critical Defect Fixes (no proactive security fixes)

*Usage + Existing Fixes only

- Feature Channel to explore new features in non-production
  - Builds in the feature channel have short term availability and would never be ‘fixed’

* Terms and Conditions of Extended Support

Note: EAM customers on 7.6.0.10/7.6.1.2/7.6.1.3 will be able to directly upgrade to 9.x

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IBM Maximo Application Suite
Product roadmap highlights

1H 2024 Planned deliverables (MAS 9.0)

Maintenance	Inspection	Reliability
Instrumentation and improved User Management; Federal Readiness; Maximo Mobile (scalability, performance, serviceability); Improved Migration		
GenAI assistants for Work Order Intelligence	MVI scalability and Maximo Mobile integration improvements	Expansion of Reliability Strategy Library & enabling customers to create new strategies
Field Service Management: Dispatching, mobile, optimization, and omni-channel integration	MVI GigE Camera Support, Facial Redaction	Improve Health TTV by utilizing existing Manage data. Assist in identifying/resolving missing data.
Increase the operational efficiency & agility of Maximo IT clients	Mobility for regulated industries (calibration and asset install/remove)	Optimize asset performance using data from the edge
Improved Accelerator deployment experience		
Emissions Management for critical assets		
MAS SaaS continuous delivery updates		

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Maximo Application Suite 9.1
GA Targeted Q2 2025

Extending MAS for ALM

- Asset Investment Planning
- Real Estate and Facilities (TRIRIGA)
- Renewables
- Inventory Optimization
- Vegetation Management

Unify MAS for ALM

- Cross-Suite Administration
- Cross-Suite Dashboards
- Mobile
- Spatial Mapping
- Field Service Management
- IT

Enhanced processes with embedded AI

- Similarity tracking for WO
- Conversational UX
- Reliability Strategies

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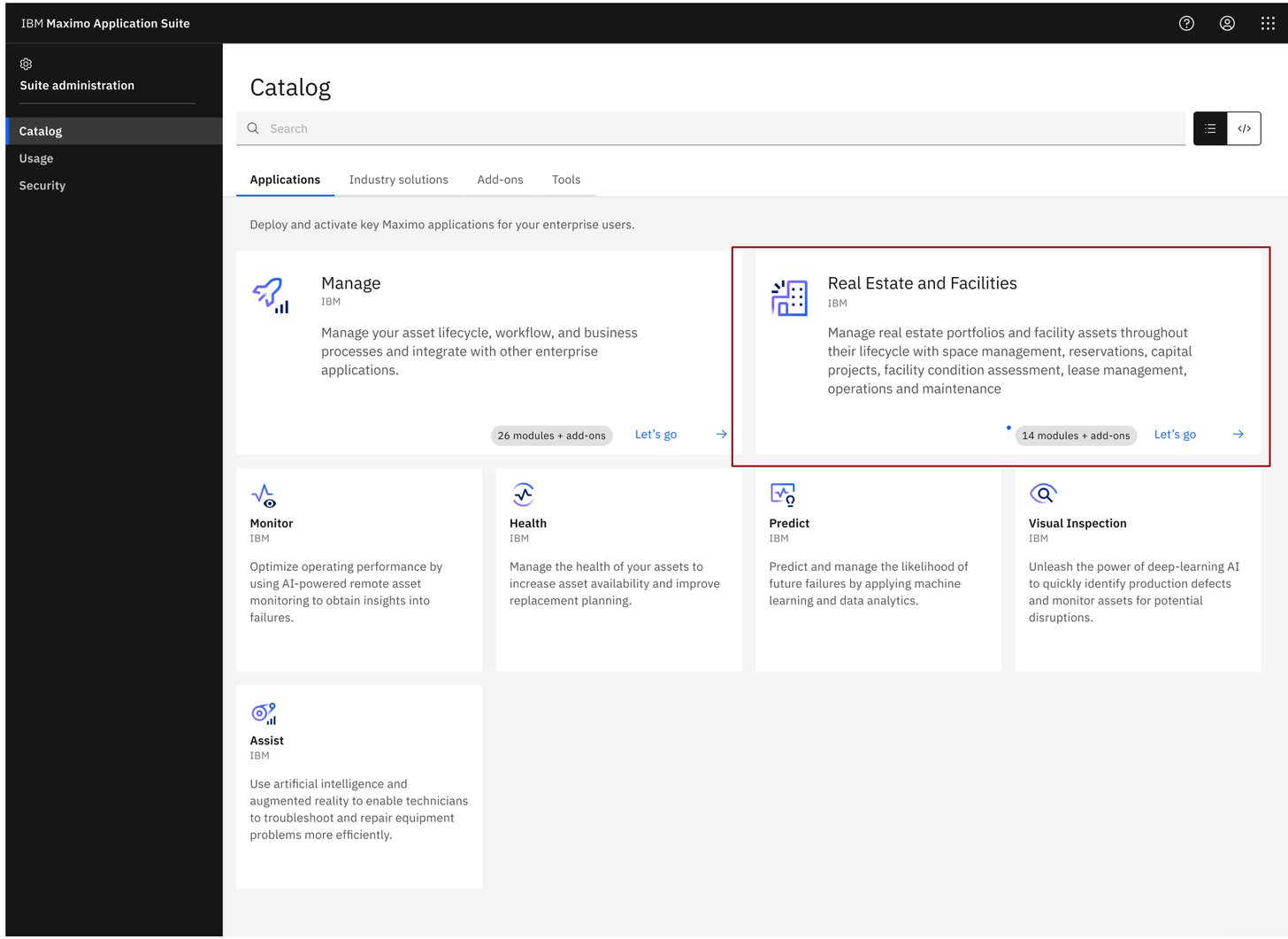
Maximo Real Estate and Facilities

Targeted MAS 9.1

- Space Management and Reserve
  - Optimize space management and workplace experience with dynamic space planning and forecasting, real-time usage insights, and occupant services.
- Capital projects and facility condition assessment
  - Improve capital investment decision-making to build a credible budgetary framework, justify investment strategies, and effectively execute capital programs and projects.
- Lease Accounting, Administration and Transactions
  - Integrate lease administration and accounting to optimize cost savings, meet contractual and regulatory requirements, and gain insights with AI.
- Monitor with workplace analytics & energy and asset monitoring
  - Track space utilization with IoT sensors and Wi-Fi. Existing IoT sensors can be integrated for energy monitoring on facilities and assets.



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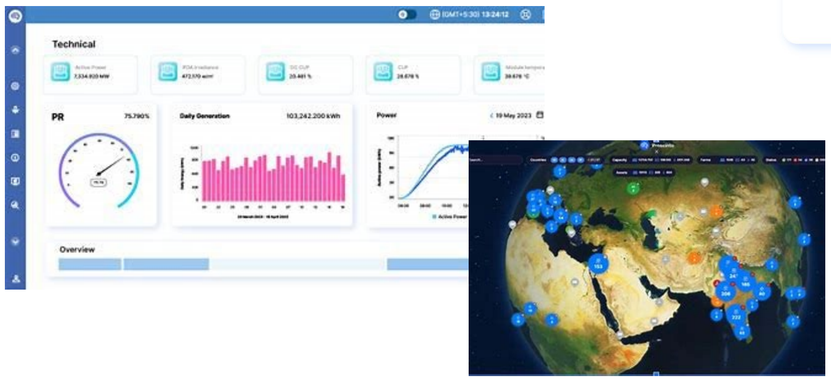
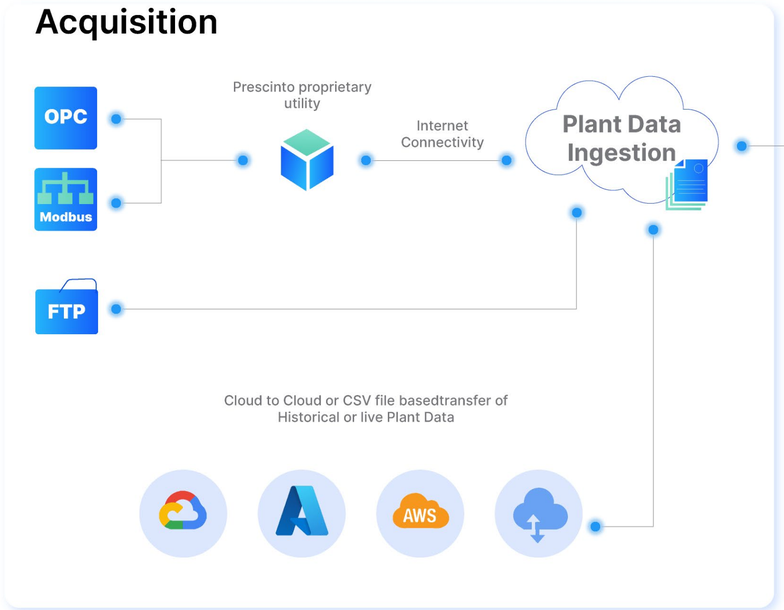
Maximo for Renewables*

Targeted MAS 9.1

- Support Solar, Wind and Energy Storage Asset Performance

- Get status updates of your entire portfolio, observe trends and understand performance patterns with advanced visualisation of every data point





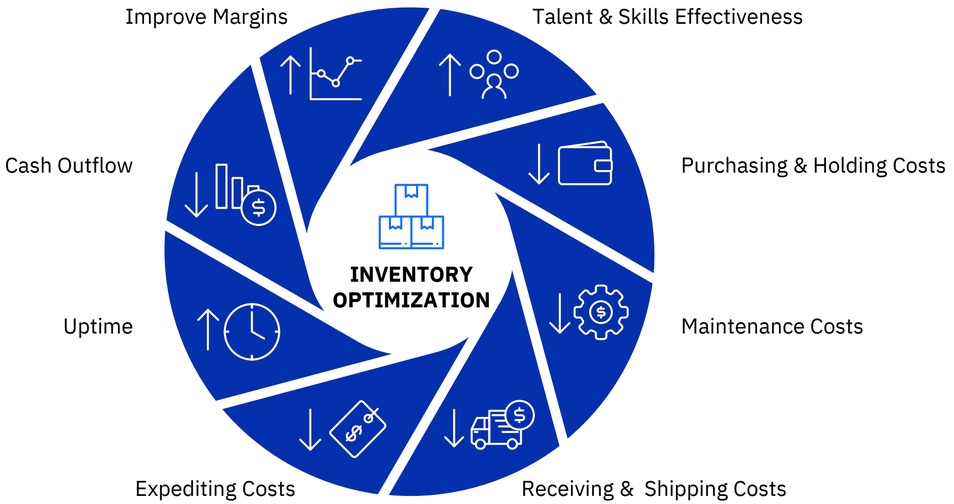
Prescinto
an IBM Company

** name to be finalized*

Maximo MRO Inventory Optimization

Achieve Significant Savings, Improve Uptime

SaaS available now



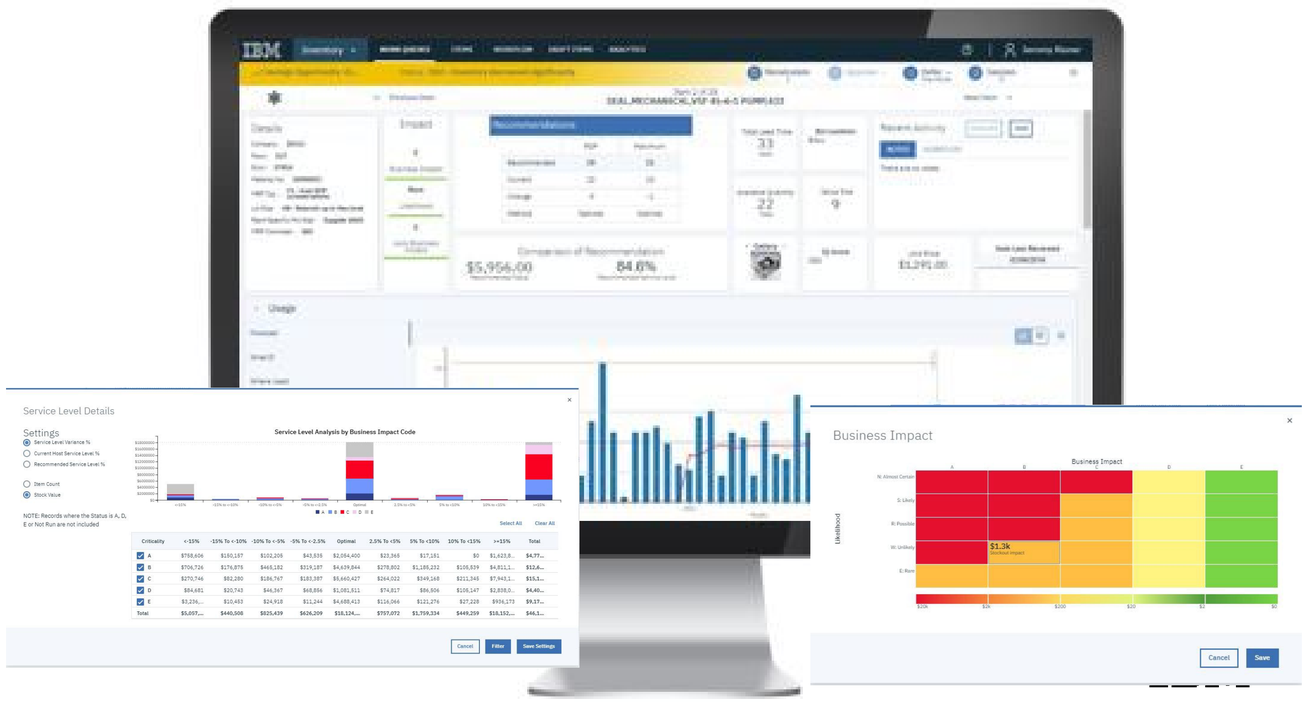
Optimize MRO inventory to ensure right spares are available at the right time, at the right cost

Cloud-based solution reduces IT burden, delivers ownership to users

Complementary to all ERP/EAM systems

Get up and running in a few months, not years

Returns on Day 1 of Go Live



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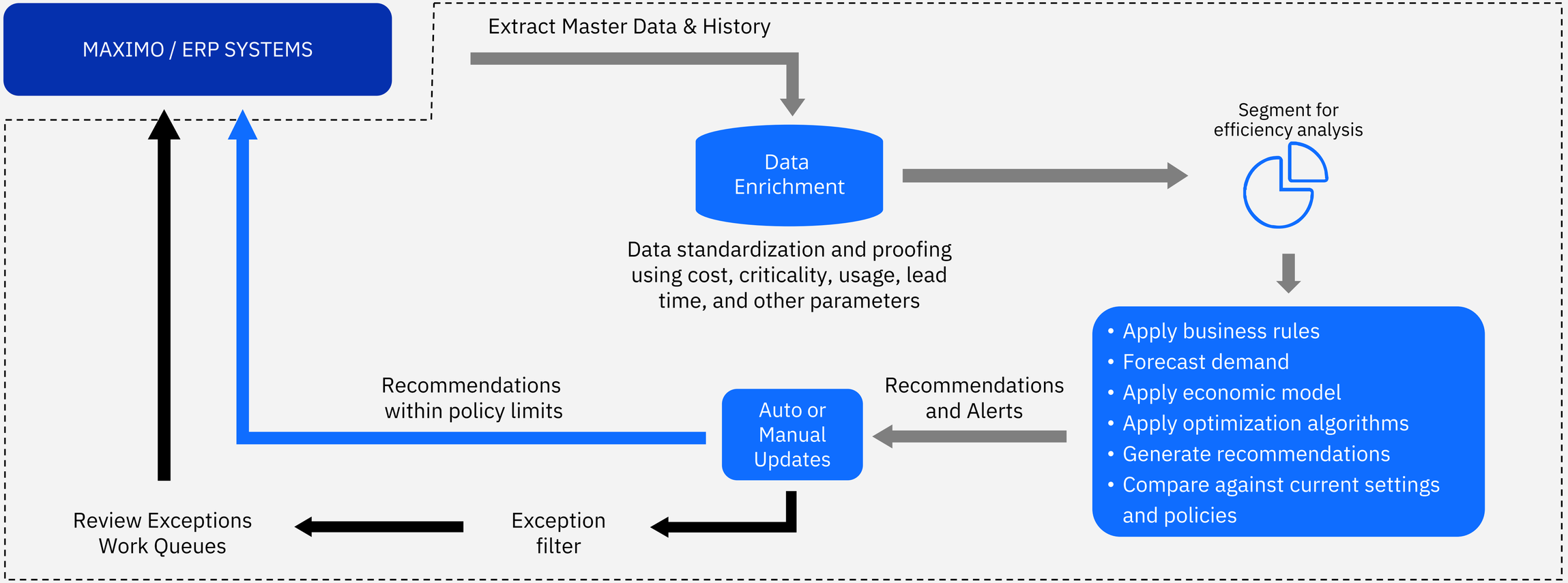
Maximo MRO Inventory Optimization

How It Works – Automated, Continuous Optimization

SaaS available now



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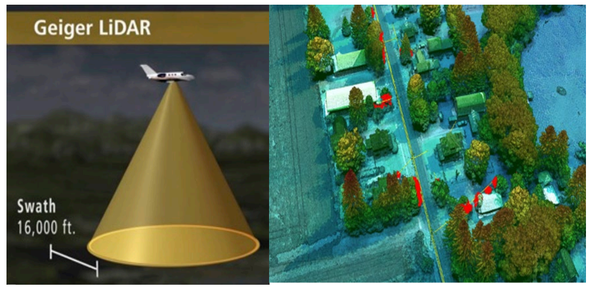
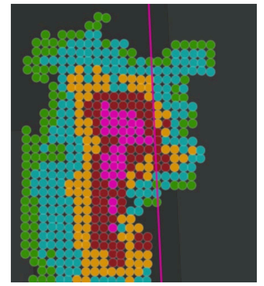
Introducing

IBM Maximo Vegetation Management



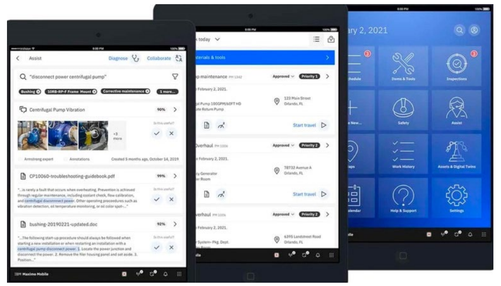


Data Collection (Remote Sensing)

- Geiger Mode LiDAR
- Satellite
- LiDAR (linear)
- Aerial Imagery
- Hyper Spectral/IR
- Manual collection

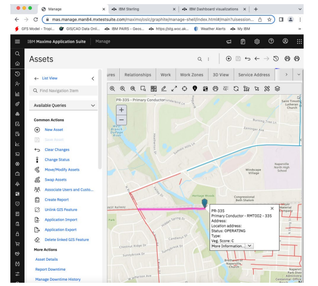
Vegetation Risk & Insights

- Scenario Planning/ Analytics
- Business Rules, Finance, & Budgeting
- VM Asset Management



Field Execution

- VM Contractor
- VM Crew
- Production data
- Invoicing



Work Management

- Maintenance
- Customer Request
- Storm Response
- Asset Patrols
- Construction
- Capital projects

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MAS 9.1 with Manage

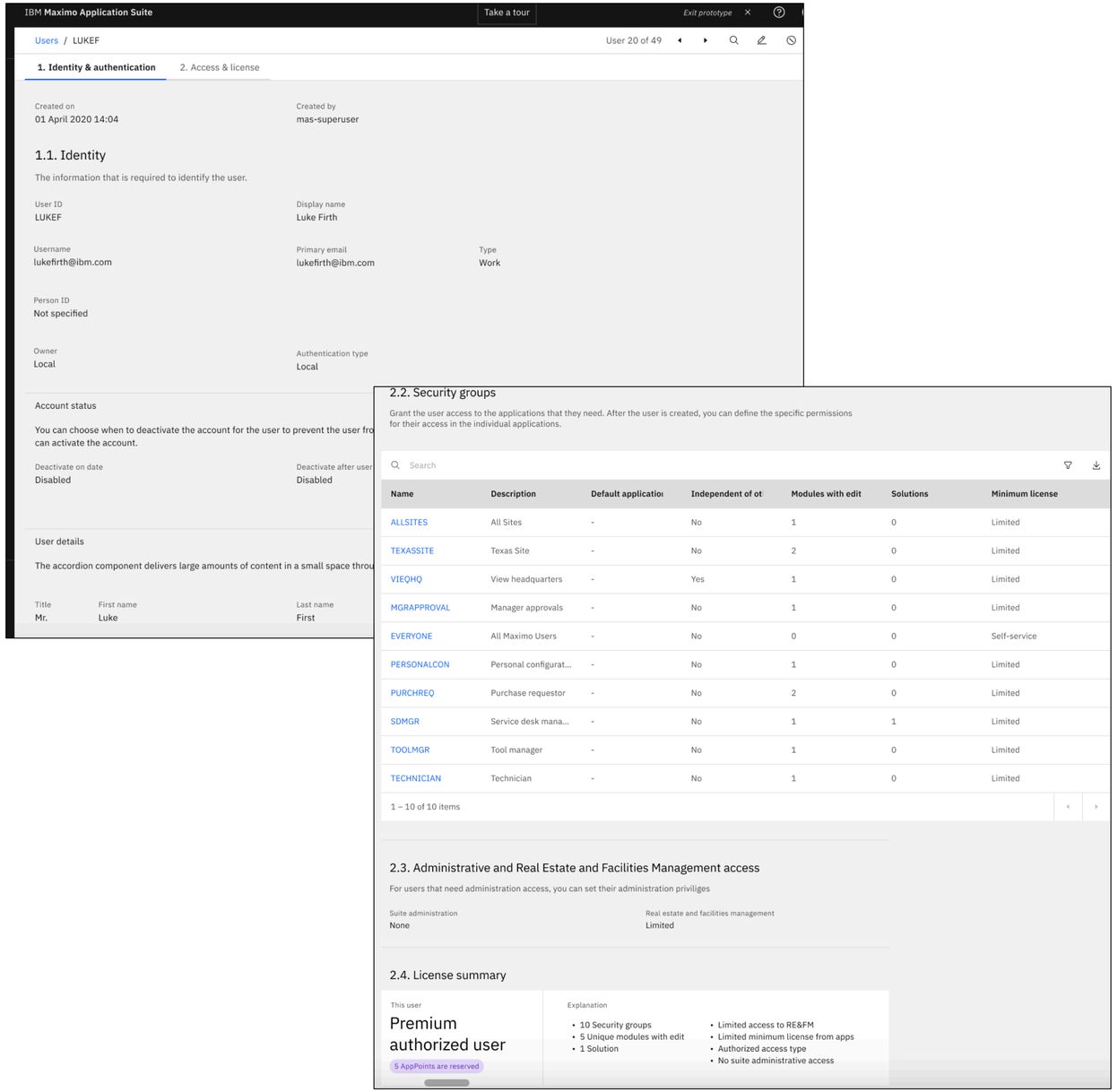
Targeted MAS 9.1

MAS Manage

- New User Application
- New Security Group Application
- Application Configuration at MAS level
- New MAS left hand Nav bar
- New User Profile –removal of Manage profile

Technical

- Java 17 Update
- Oracle 23c (23ai) support
- BIRT 4.16 support
- Python 2.73 support
- Guest User support
- Power and Z support
- E-Sig for LDAP
- Support SMTP OAuth2 authentication for outgoing emails
- MAS support for IBM unsupported languages



New Left-Hand Navigation

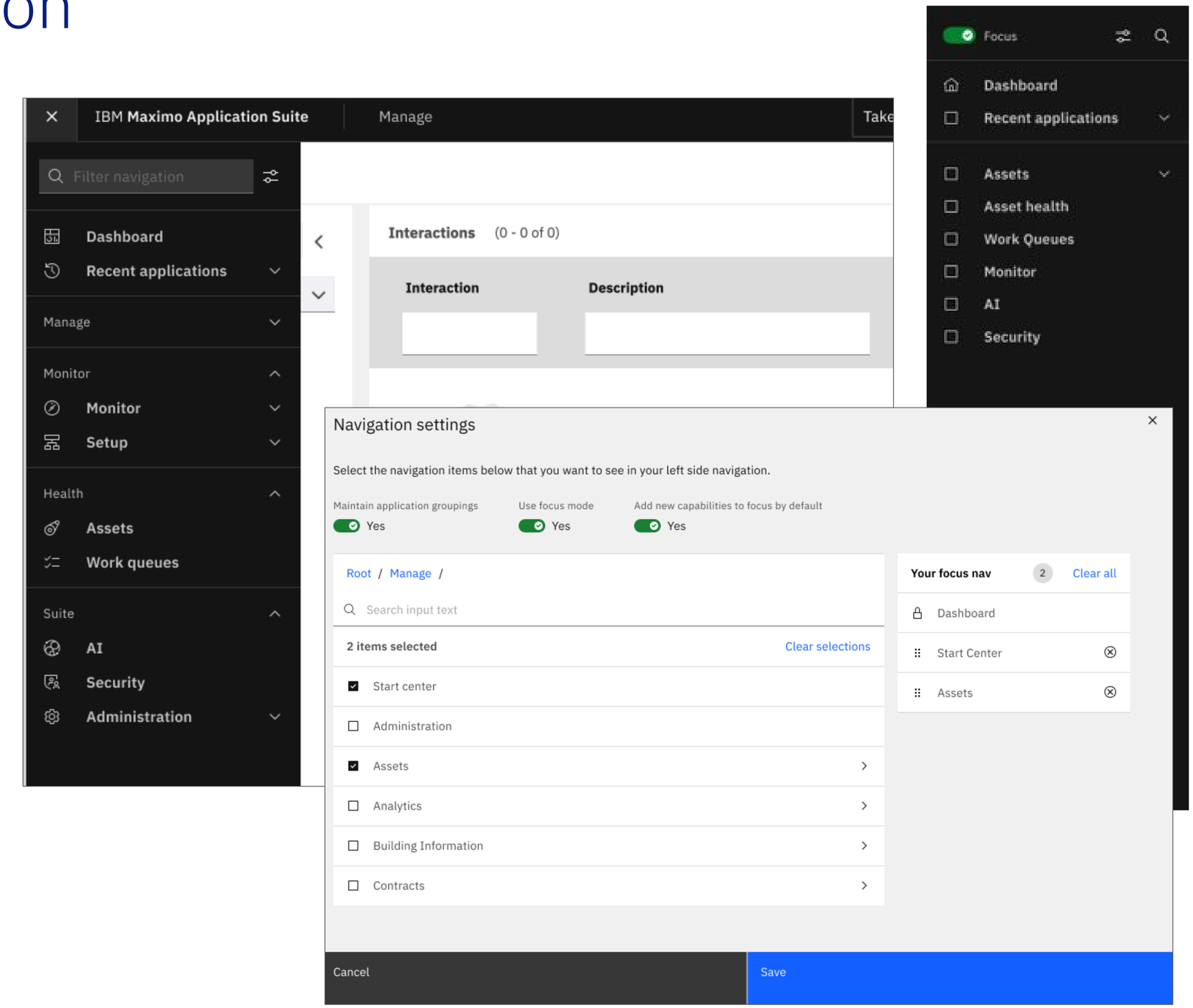
Targeted MAS 9.1

Currently 2 Nav Bars - Left and Right

- Left is how you move around in Manage
- Right is how you switch to other Solutions like Monitor or Visual Inspections

Future Release: 1 Left Nav Bar

- Access granted to the applications through new Security Group App.
- New Focus button for personalization of Users Nav bar based on Security Group access.



New Security Group Application

Maximo Application Framework

Targeted MAS 9.1

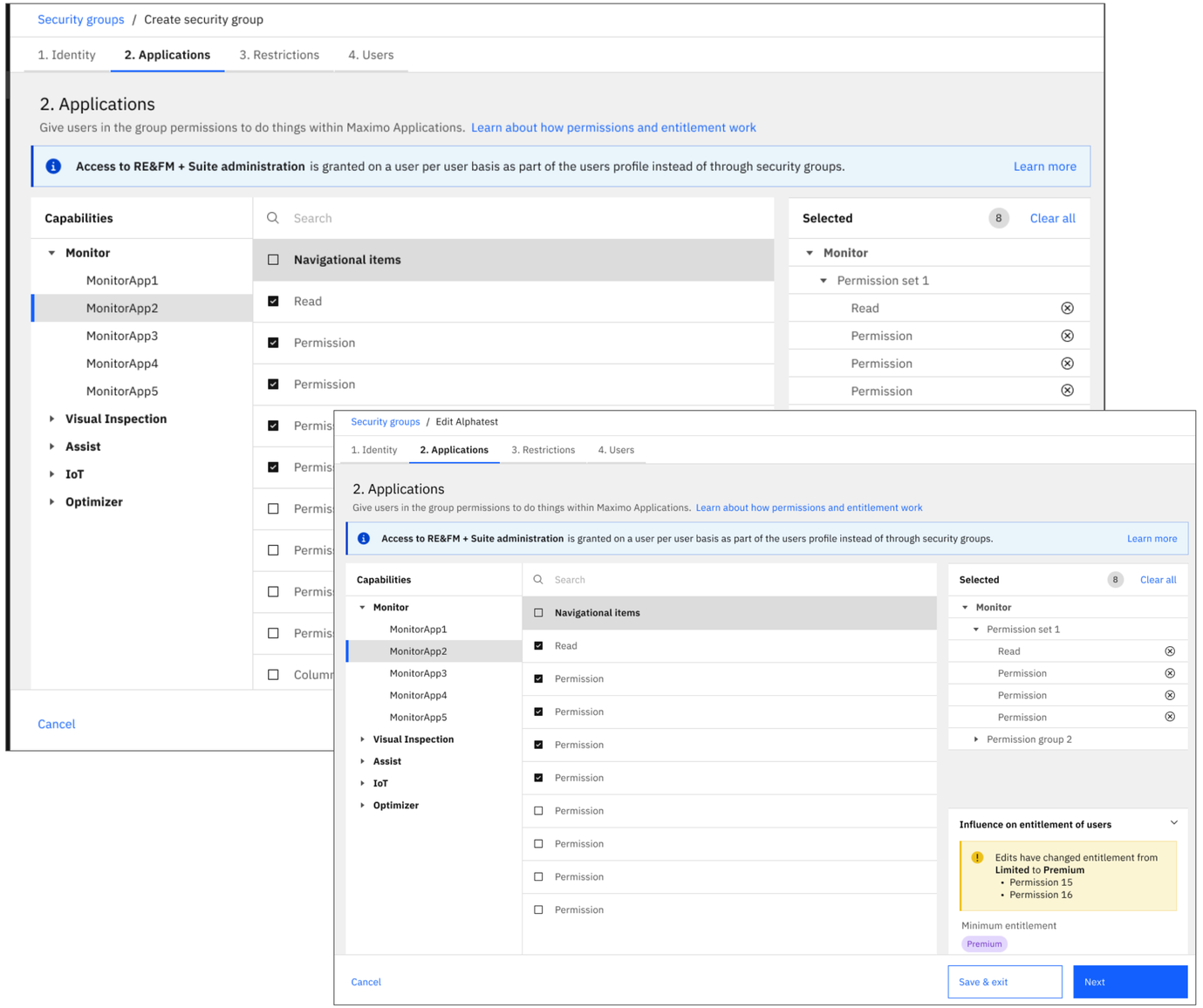
Security Groups:

Create/Update Groups:

- Applications/Capabilities
- Granting of Access/Permissions to items/actions
  - Read, Save, Insert, Delete

Summary Card

- Summary of Applications/Actions and Permissions granted
- Impact to Entitlement via UI
  - For example – adding a new application with Insert Access may bump group to Base
  - Impact to amount of Users
  - Takes effect on Save



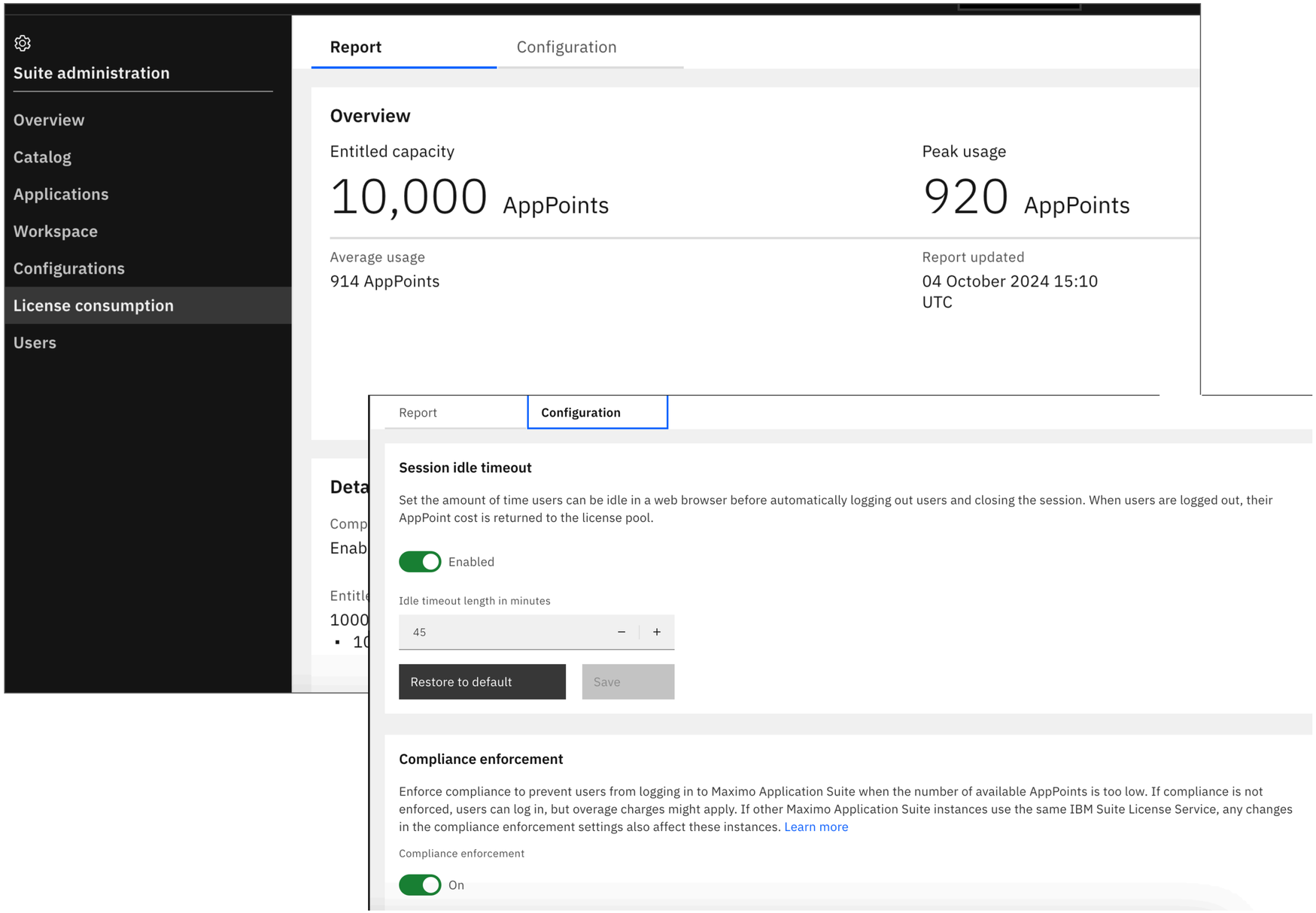
License Consumption Report

Targeted MAS 9.1

Overview of AppPoints Consumed within a MAS instance

Configurations that Impact AppPoints

- Session Timeout
- Compliance Enforcement turned on.



MAS Dashboards Updates

MAS 9.0

Operational Dashboard

- New Dashboard Page object
- Creating and editing an Operational Dashboard page
- Multi-page dashboard layout and viewing
- Dashboards added to Security Groups application
- Walk-me content

Work Orders

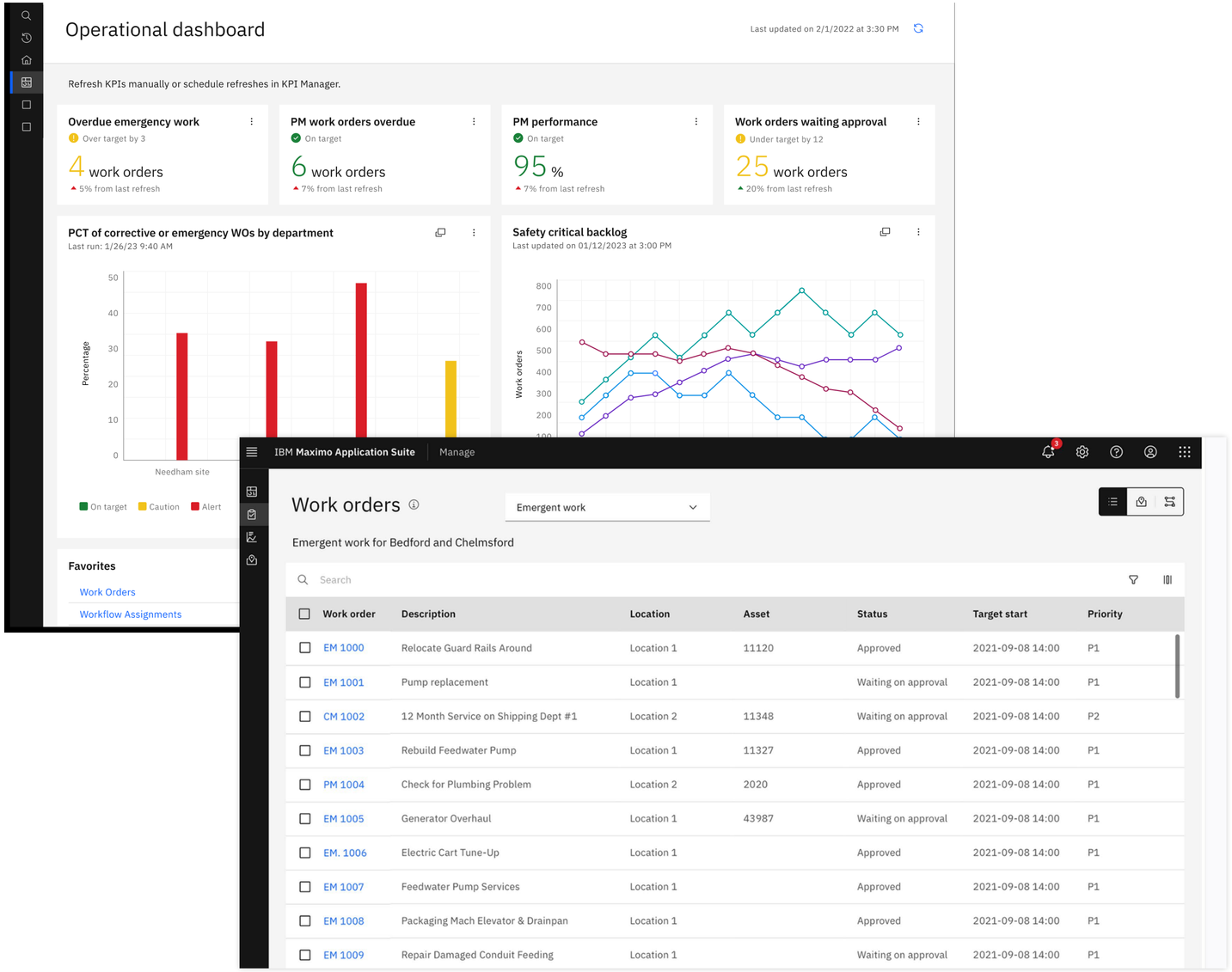
- New tab on Work Orders RBA for Work Plans: tasks, labor,

Work Queues

- Work Queues supporting different object structures
- End user table column personalization extends standard queue configuration

Work Order Intelligence

- New AI model, broker and inference objects to determine WO problem codes from textual input and store the top 3 results.
- Work Orders RBA surfaces the AI recommendations for review/accept
- Demonstration Work Queue surfaces the top recommendation for accept



[Operational Dashboard Overview]

[IBM Maximo Manage Work Orders]

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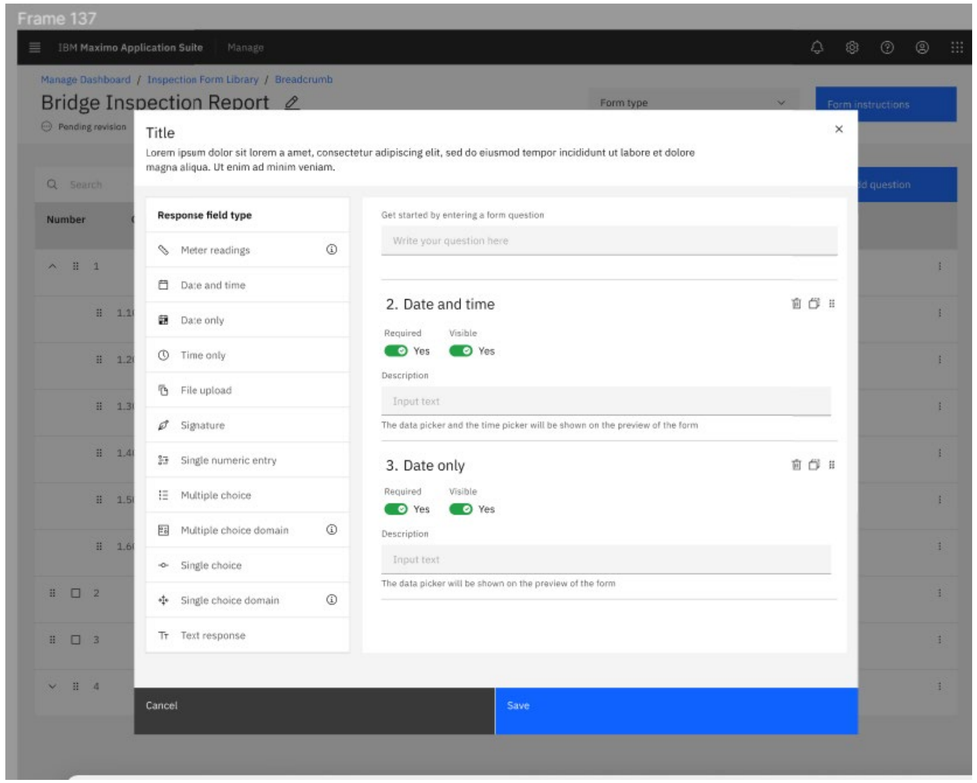
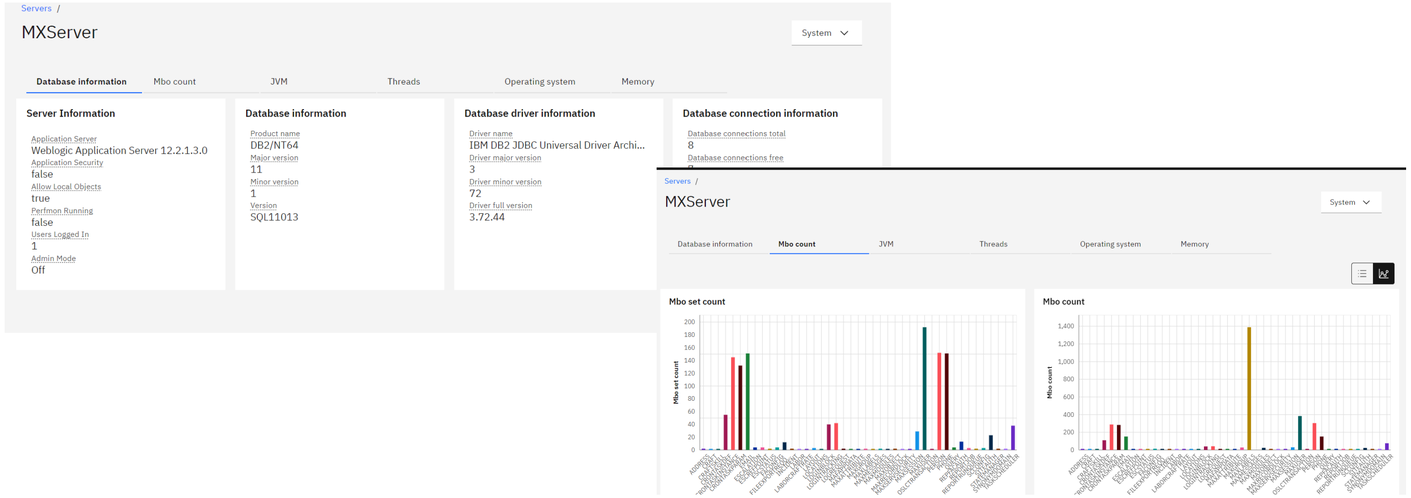
MAS Modernized Dashboards and Applications

Inspection Form Builder



Maximo Management Interface (MMI)

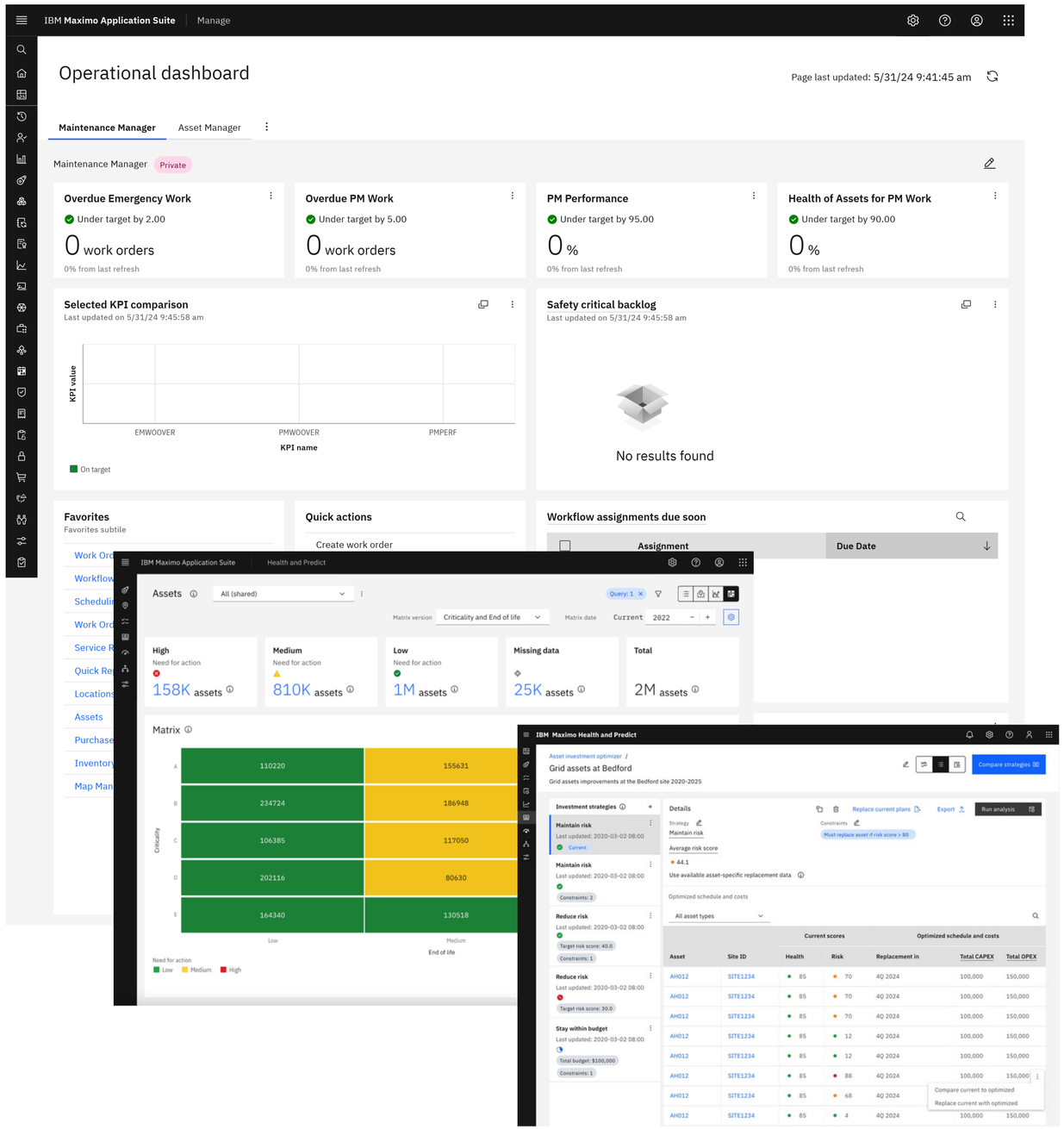
Administrative Dashboard to provide insights into Maximo application health and performance.



MAS Dashboard Updates

Targeted MAS 9.1

- Cross MAS Dashboards – supports consolidated view of data from Monitor, Health and Manage
- Include content from across MAS to provide the full set of asset, operational, maintenance, supply chain data and actions
- Consistent user access and hierarchies to improve efficiency
- Authenticate and go directly to user's dashboard
- Integration with Maximo AI Assistants and watsonX capabilities
- Expand configuration and builder capabilities



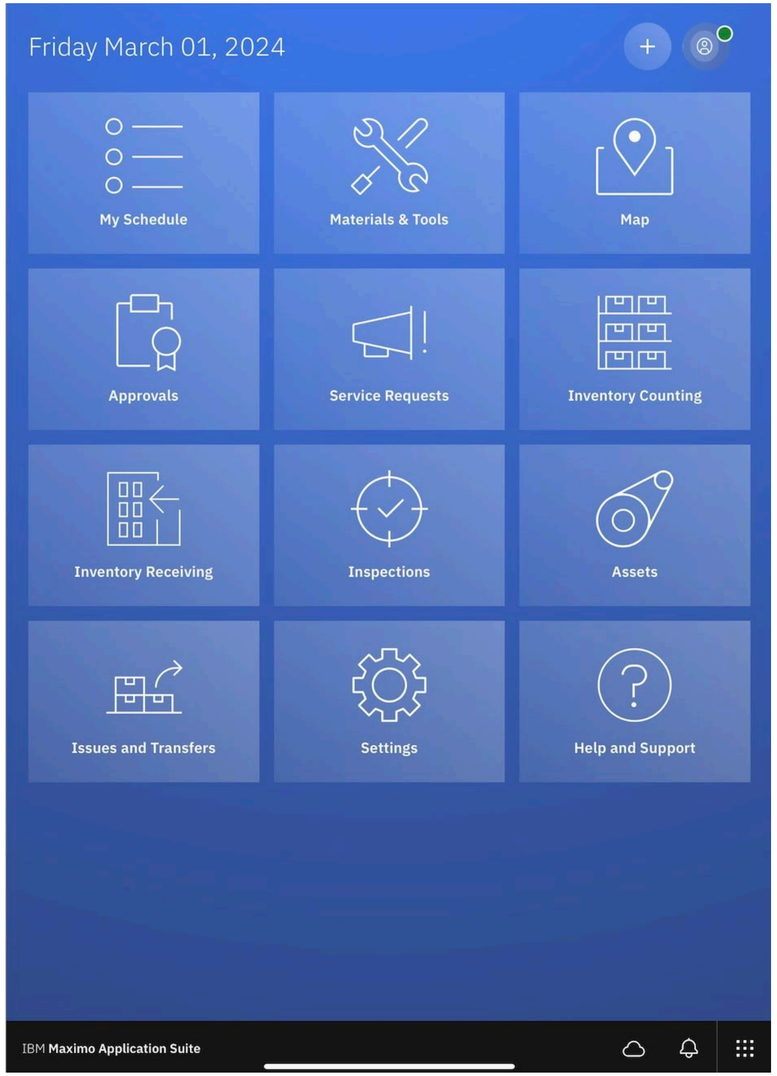
Maximo Mobile

- Single Mobile application provides access to capabilities through security
- No separate license for MAS
- Online/Offline
- Configuration Tooling
- Device native capabilities – voice to text, attach images, location services, barcode scanning, e-signature
- Application functionality supporting multiple roles and business processes
  - Service Requests
  - Approvals
  - Complex Asset Switch (as part of ACM)
  - Work Order Execution
  - Calibration and Linear asset support
  - Inspections
  - Storeroom – Countbooks, Issues and Transfers, Receiving, Shipments and Staging

Maximo Mobile Highlights for 9.1 Release

Targeted MAS 9.1

- Ability to perform Assignments for work orders and Inspections
- Support for Rotating Asset and Asset auditing
  - Create rotating assets and receive purchases including rotating assets
- Enhanced set of options on how Technicians find the correct work order to execute, including online search
- Consolidated functional components for a better user experience on how Technicians find assets, locations and report meter readings
- Formula support for inspection forms
- Centralized Mobile administration
  - Identify Mobile logged users
  - Administer settings, queries and preloaded database
- Extended push notification support including background data synchronization



Maps

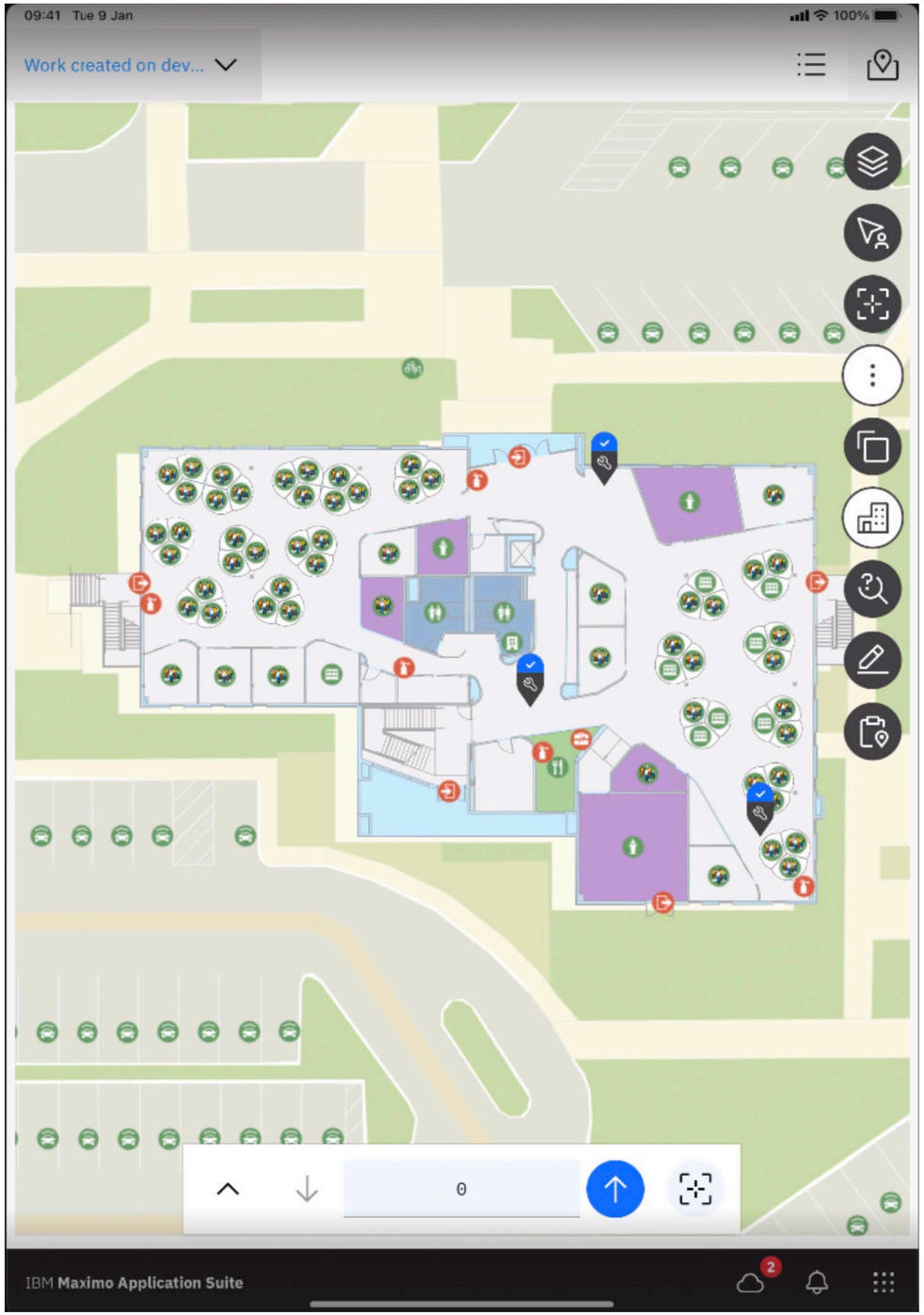
Esri ArcGIS
-ArcGIS Online and Enterprise
-Improvements for large map datasets

Online and Offline maps

Outdoor and Indoor maps.
–Indoor Positioning System

Download and Sync capabilities for Map data (OTA)

Navigation



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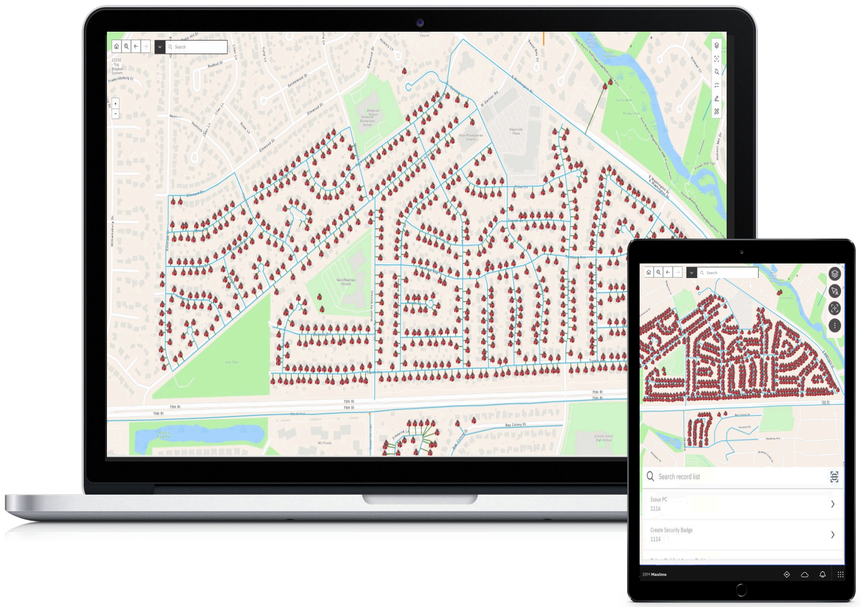
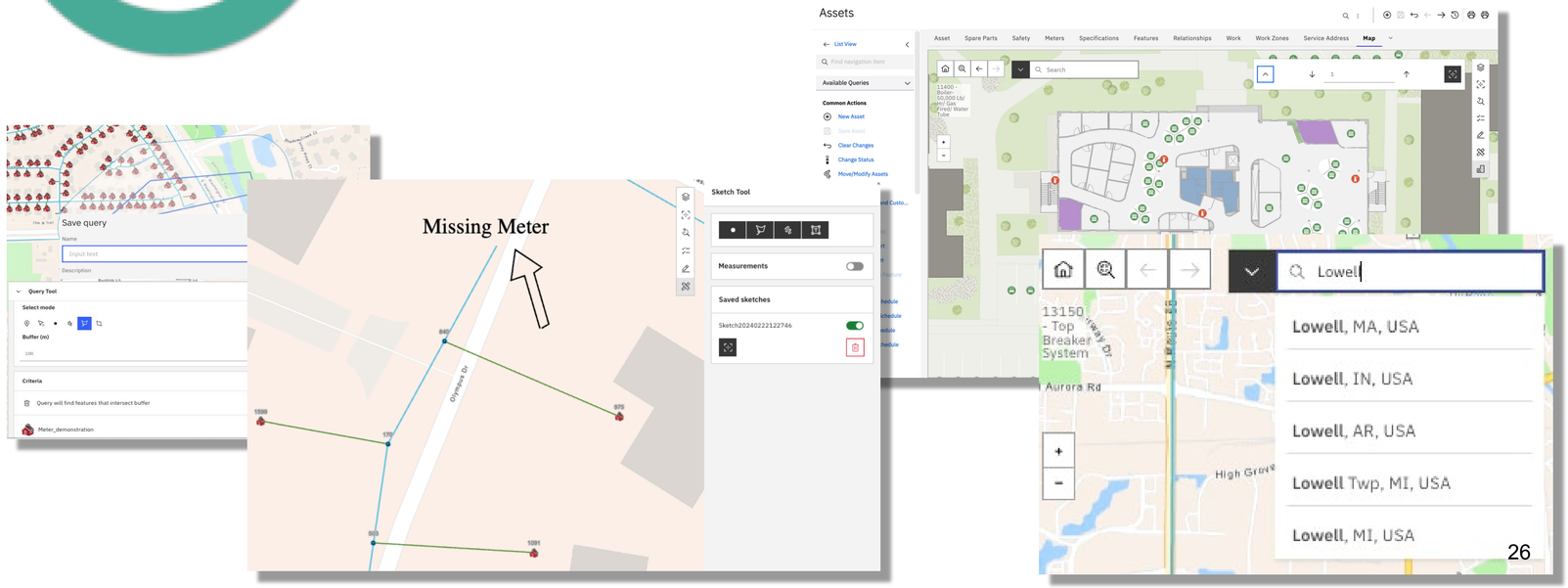
Maximo Spatial Updates

- UI Standardization (Mobile and Desktop)
- ESRI API Migration (New Version)
- Offline Maps Enhancements
- Performance enhancements (up to 80% faster)



- Sketch Tool for Mobile
- Find My Location for Mobile
- Indoors on Desktop
- Query Tool enhancements (Save Query, Geofence + Alphanumeric Search)
- Configuration for Maximo Object Symbology (Icons, Pinpoints)
- Home Button Tool for Mobile



MAS – Spatial 9.1 improvements

Targeted MAS 9.1

- **Breadcrumbs** - Breadcrumbs allow administrators and supervisors to track technicians' whereabouts when they are out on a job, provide quicker response times to requests, increase safety precautions, reduce liability, boost day-to-day efficiency, and plan for future work.

- **Geofencing** - The geofencing and real-time tracking tools will provide critical geographic awareness, trigger necessary events, and deliver timely notifications to ensure smooth and efficient field operations.

- **Search Tool** - This means that you can easily search for Maximo objects, such as work orders or assets, based on their attributes. Selecting a search item will be highlighted and centered on the map for quick reference. This enhancement makes searching and visualizing data much more convenient for users across all applications.

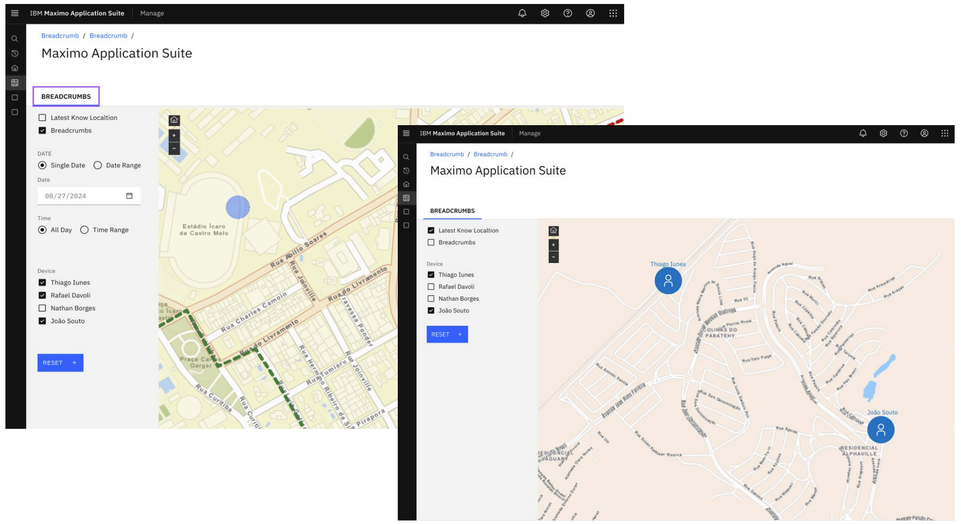
- **Dynamic Map Layer Update Tool** - helps customers access real-time data easily and improves using the application interaction.

- **Point and Line Symbology Editor** - A visual tool for creating and editing representations (pins, etc) Empowers users to customize and enhance the symbology of objects, elevating the visual experience and efficiency in data representation.

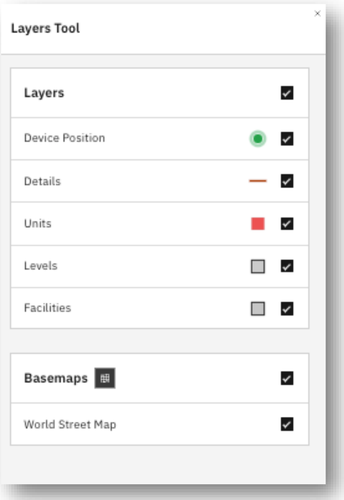
- **Integration Configuration Wizard –** simplify the setup process for synchronizing data between Maximo and ArcGIS. The tool will guide administrators through the necessary steps, streamlining the configuration process and ensuring all required information is provided efficiently.

- **Synch Report –** empowering users with enhanced monitoring, analysis, and reporting capabilities, facilitating deeper insights into synchronization processes and efficient issue identification.

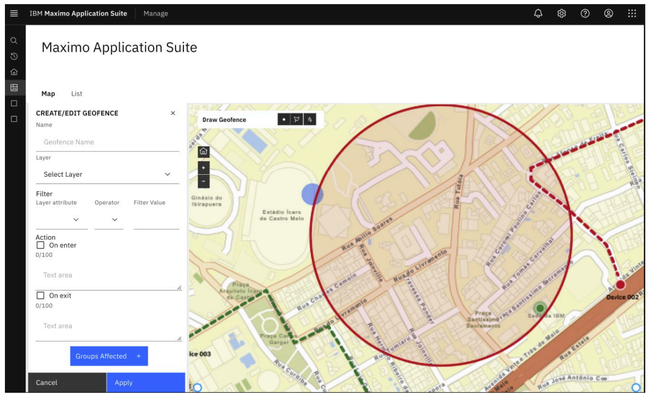
Breadcrumbs



Refresh Map Layer



Geofencing



IBM Maximo – Field Service Management

MAS 9.0

Initiate

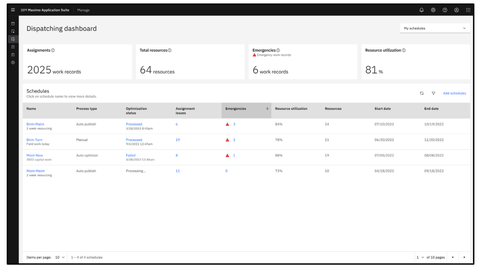
Requestor

Create workorder (Manage)

Plan

Scheduler

Schedule workorder (Scheduler)



High Level views for every schedule you own

- Easily see overall health and status of dispatching process for all schedules
- Only address the exceptions with dashboards that direct you to the problem areas

Emergency work use case- Immediately handle emergencies through intelligent recommendations

Choose the best technician to assign based on distance, time to start and compatibility

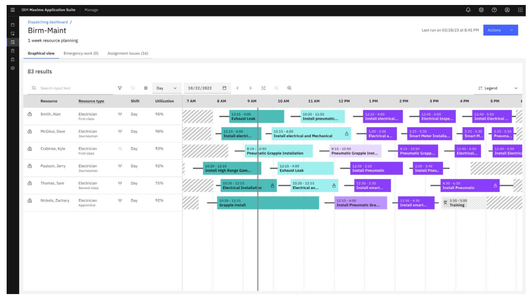
Planner

Add task, materials, tools, labor

Schedule/Dispatch

Scheduler

Optimize schedule (Optimizer)



Optimization with Real time insights for all assignments

Dispatcher/Supervisor

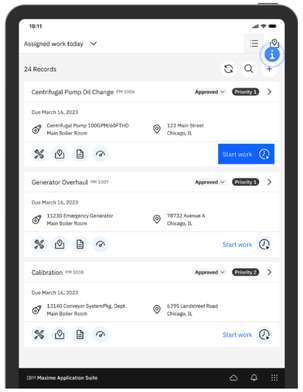
Dispatch work, assigns technician, visibility to work(Dispatching dashboards)

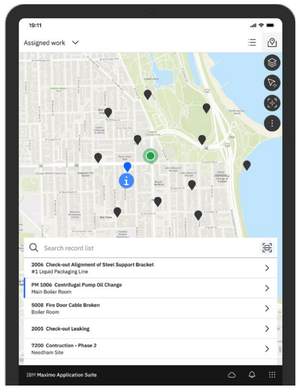
Choose the best technician to assign based on distance, time to start, skill, qualification and compatibility

Execute

Technician

Travels to location, executes work (Maximo Mobile)





Access work anytime, anywhere

- Plan and optimize spare parts, materials, tools prior to starting the work
- Maximo Mobile boosts technician productivity with AI-Driven prioritization & geospatial mapping for seamless asset management
- Spot problems and avoid down time with computer vision and AI based visual inspection

Close

Technician

Close workorder

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Targeted MAS 9.1

Field Service Management & Capacity Planning

Continue to improve efficiency and effectiveness of critical resource utilization

Dispatching

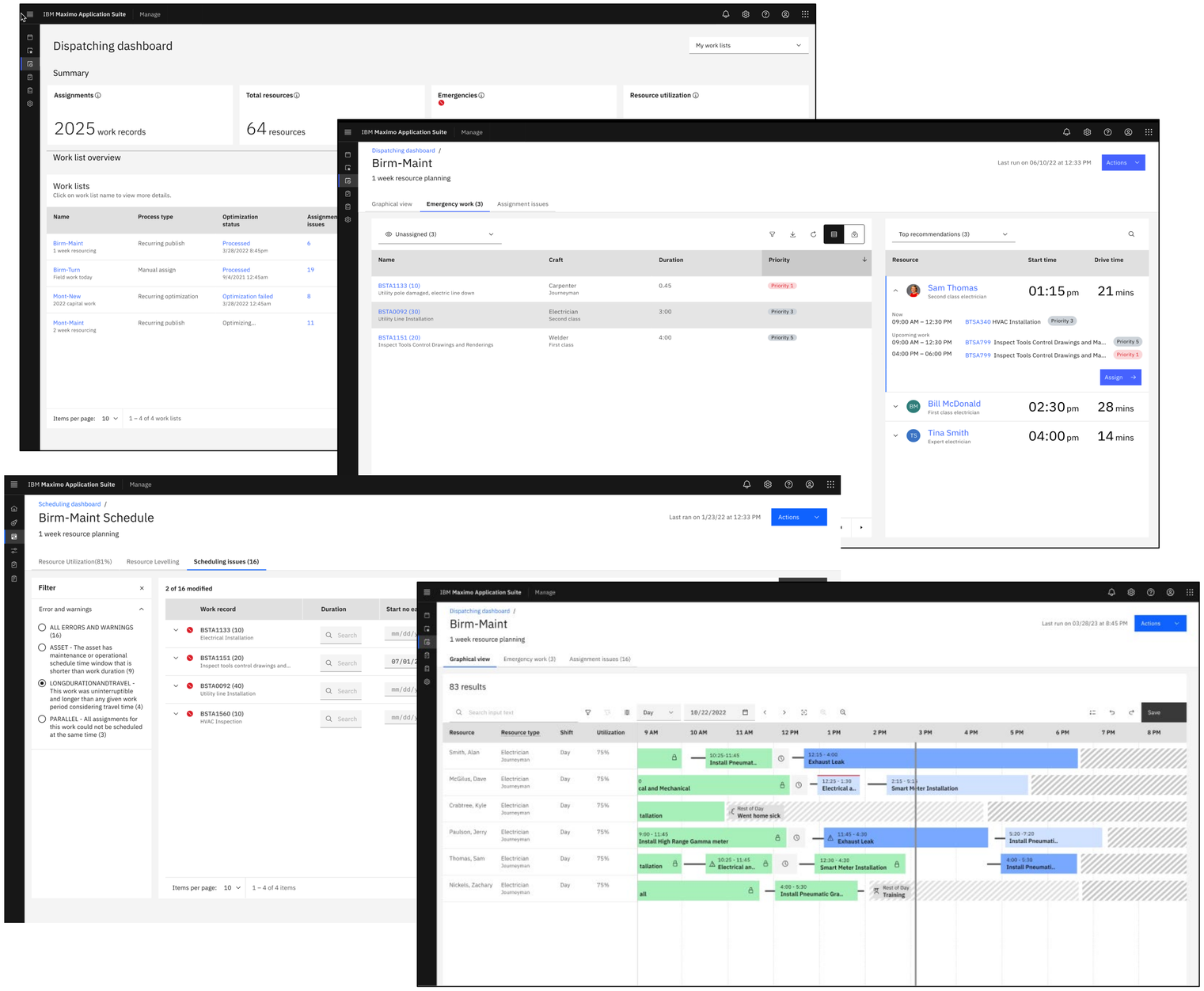
- Assignment – Full Lifecycle
- Assignment – Estimated Times
- Gantt View Improvements
- Additional Map Support
  - Routes
  - Matrix
  - Assignments
- Emergency Workflow (Crew)
- Qualifications (Crew)
- Customizable Dashboard
- Assignment Issues - Filters

Scheduling

- Drag/Drop Resource Levelling
- Customizable Dashboard
- Scheduling Issues – Filters

Planning

- Dashboard



MAS 9.1 with Maximo IT

Targeted MAS 9.1

Modernize & Integrate

New Applications

- Service Delivery
  - For SRE (site reliability engineer) & Agent
  - Deliver intelligent agent focused workspace

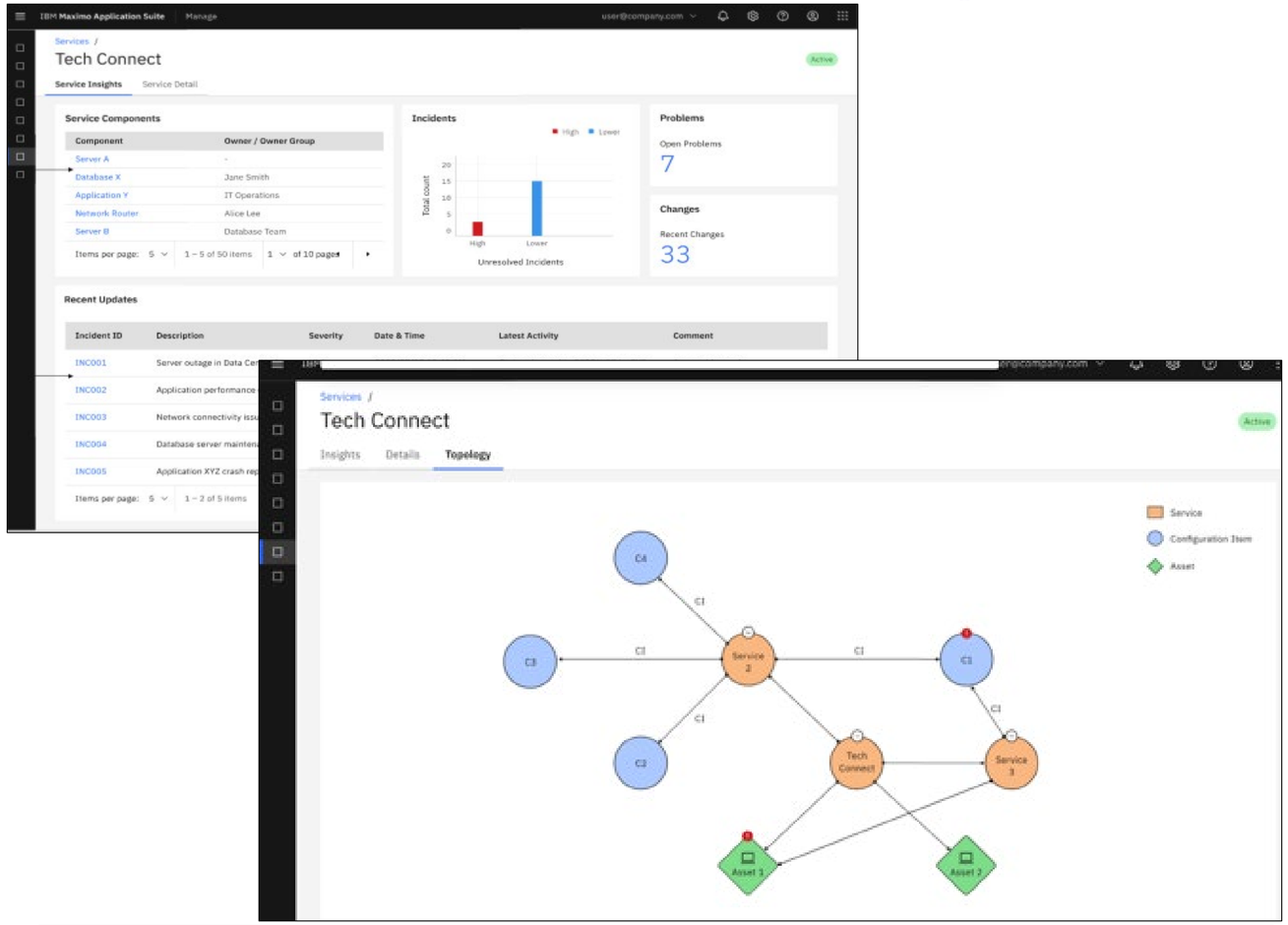
- Service Topology
  - Visually allows you to see what a service is comprised of
  - Focused on service availability and value
  - Data driven decisions

Integrations and collaboration

- Assisting in Asset discovery first
  - Claroty (done)
  - Instana(in works)
  - Tenable.OT

- Focus on data value and sources then bring in Alerts and monitoring and actions
  - Security, Monitoring, OT, IT, Events

- Microsoft Teams integration, Swarm and incidents
- Ticket deflection – AI/ML
  - Cluster, assign and solution recommendation



IBM Maximo IT

PinkVERIFY® Certified

12 Processes

AVM CHG CON FM IM KM MA PM RDM RM SCA SLM

- Availability Management,
- Change Management,
- Configuration Management,
- Financial Management,
- Incident Management,
- Knowledge Management,
- Monitoring and Alerting,
- Problem Management,
- Release and Deployment Management,
- Request Management,
- Service Catalog Management,
- Service Level Management

Delivered

GenAI - Greater Speed, Ease and Automation

- Built to serve the end user, no data science skills required
- Interact with watsonx using natural language for insights and actions
- AI agents perform tasks / combined in workflows
- Scale with multi-modal foundation models: Language, Vision, Time-series

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AI Use Cases in Maximo

Help maintenance supervisors and asset managers review and prioritize work given resources and goals

Quickly compile insights on assets and maintenances to better plan, schedule, and assign work.

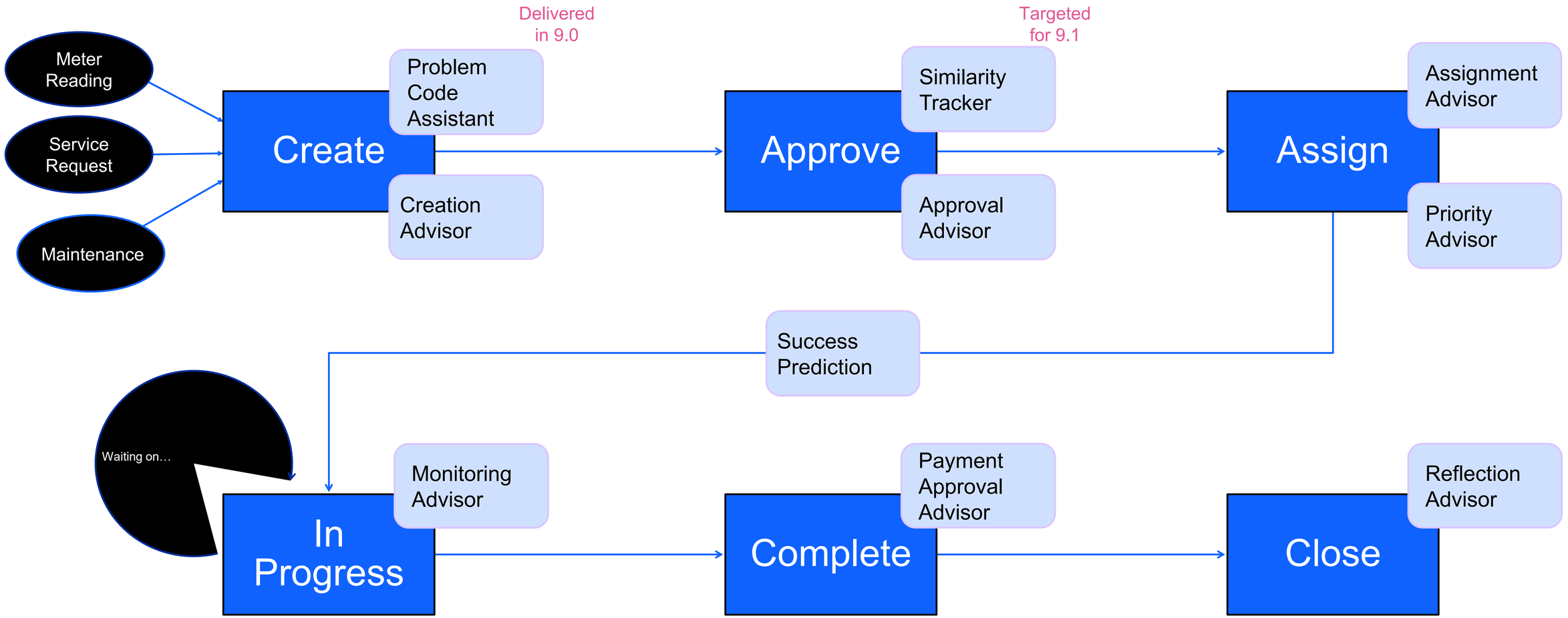
Assist technicians and field workers find the right information to diagnose and fix problems

Search from and summarize various documentations and perform step-by-step diagnosis

Help reliability engineers and maintenance supervisors automate condition-based work creation

Recognize anomalies and create work from alerts, service requests, and performance indicators

Work Order Flow infused with AI



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Targeted MAS 9.1

Conversational AI and Workflows

Content Retrieval

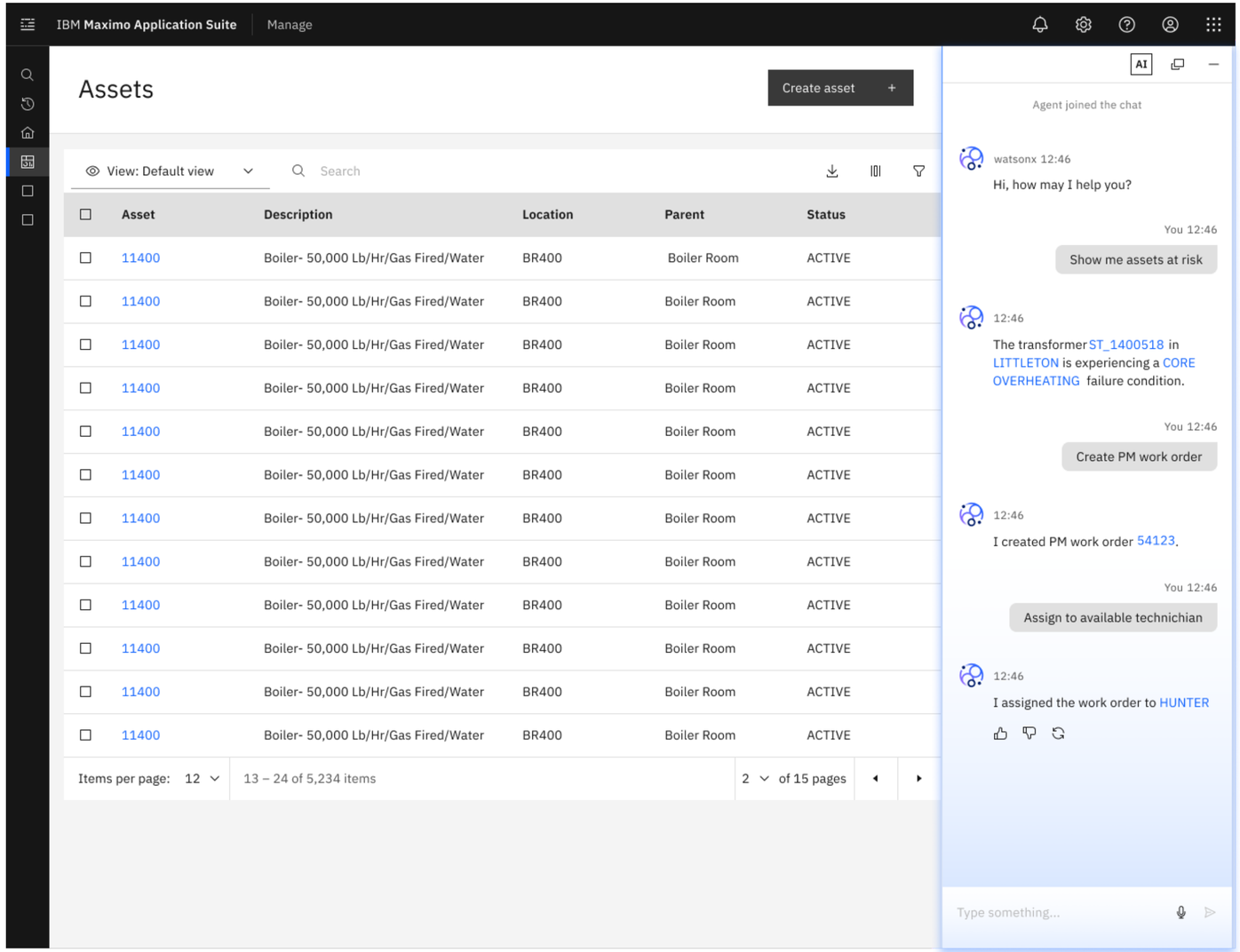
- Quickly find and display hidden, relevant information from unstructured texts and data sets across all integrated Maximo systems using natural language prompts

Summarizations and Calculations

- Capture key points and overviews by transforming large amounts of domain-specific texts and data into summaries and calculations

Workflow Automation

- Automatically recommend and guide the execution of next steps related to human-entered tasks and goals



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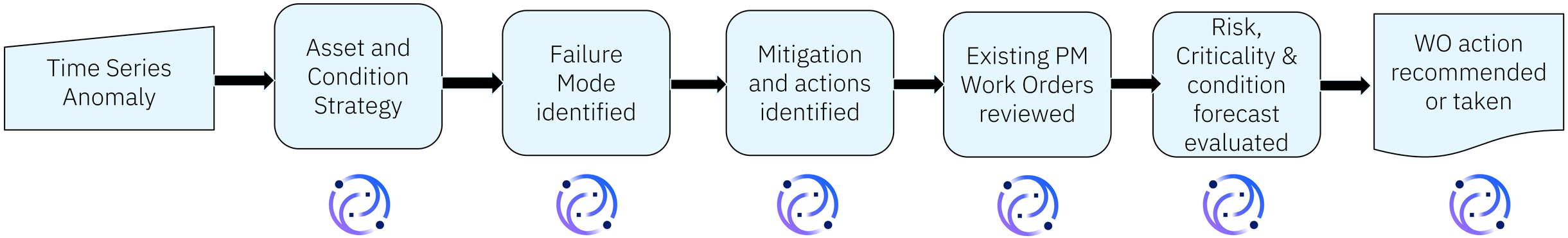
Automated Condition Based Maintenance Workflow

GenAI Flow



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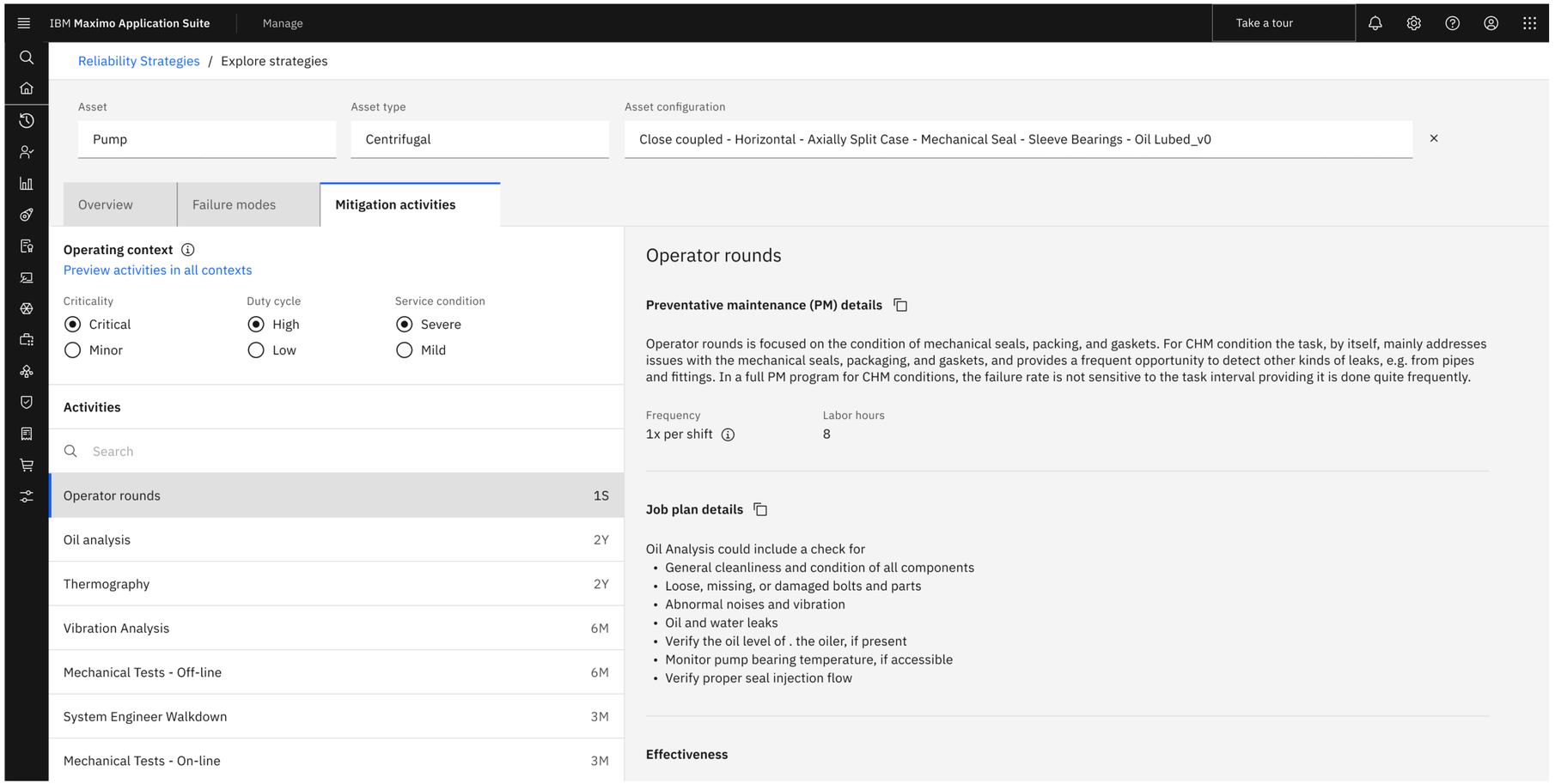
Maximo RCM key capabilities

Reliability Strategies: a dedicated RCM/FMEA app with included content library.

- FMEA Viewer: understand the ways your equipment degrades and deploy the appropriate mitigating activities to prevent functional failures by browsing equipment failure mechanisms in the Reliability Strategy Library
- Reliability Strategy Composer: create an effective overall reliability strategy by browsing recommended activities, intervals and details from the Reliability Strategy Library



Expanding capabilities in Reliability Strategies

MAS 9.0

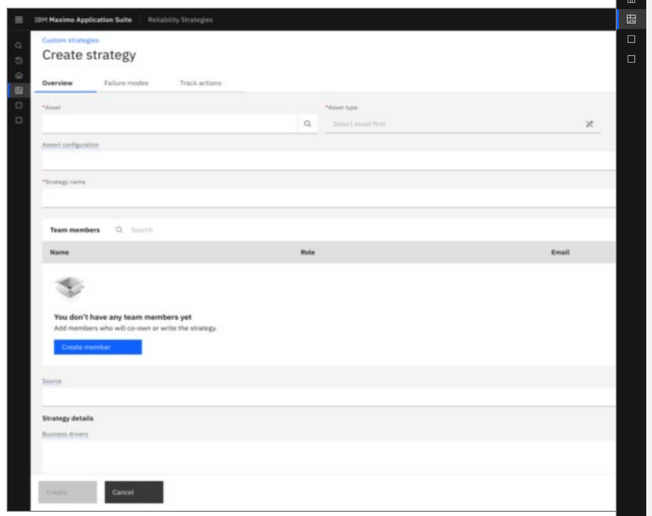
Reliability Strategy Builder: Full RCM Study Capabilities

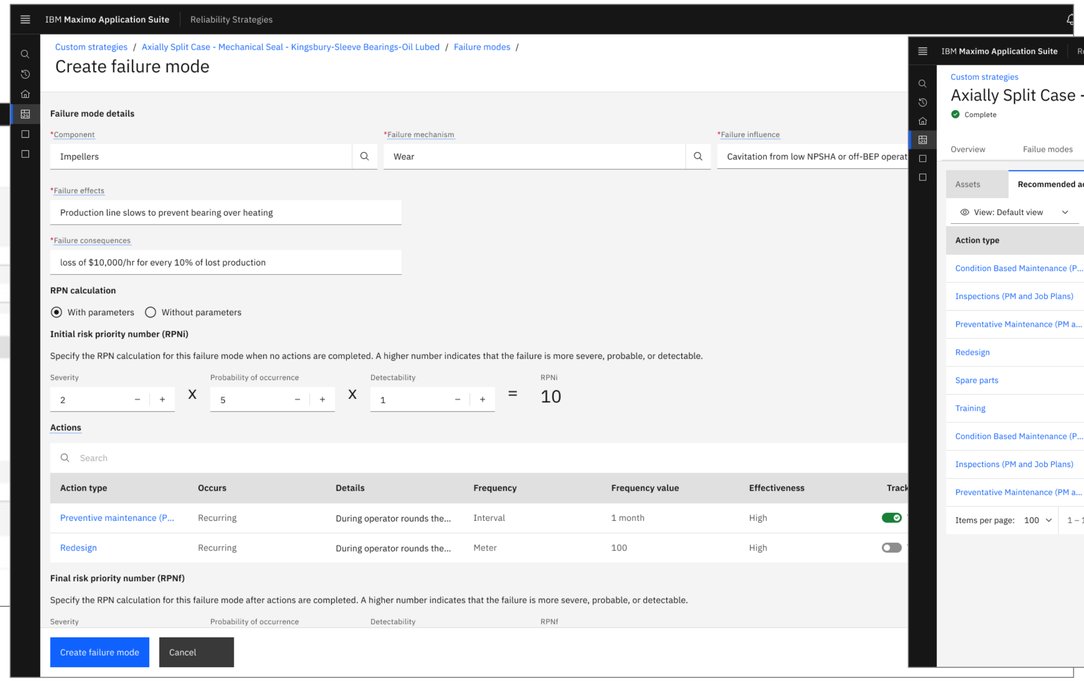
Reliability Strategy Builder – "Application"

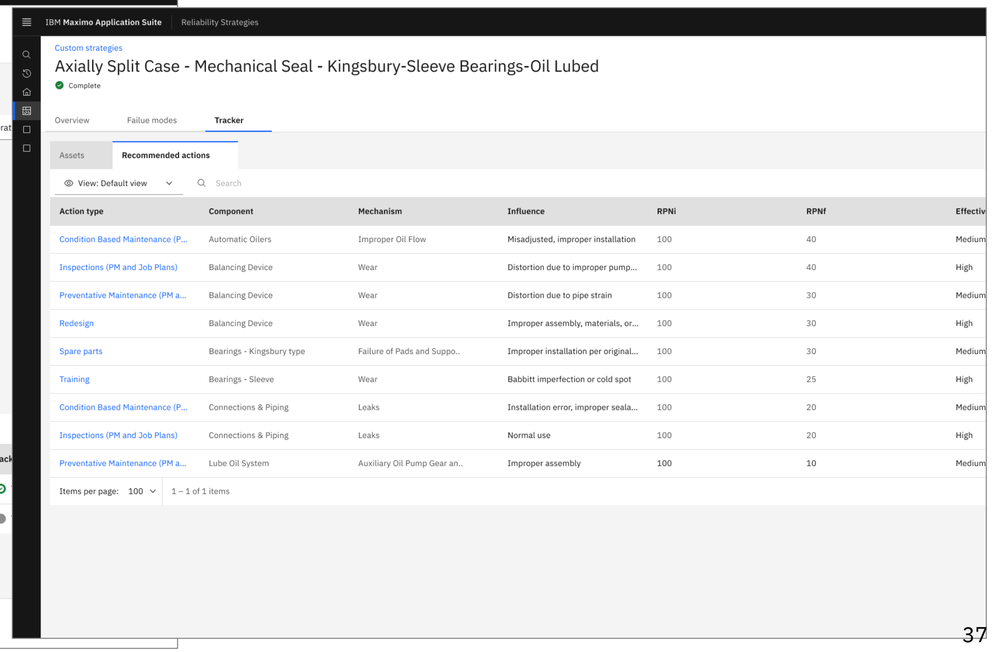
- As a Reliability Engineer I can:
  - Complete a New Study Overview
  - Import/apply/create/Import/edit FMEA's
  - Apply Actions based on Risks Priority Numbers
  - I can select, assign and track the status of Actions

Reliability Strategy Builder "Library"

- Content/Database Reengineering – Component Based Architecture
- One to one mapping Components to Failure Modes

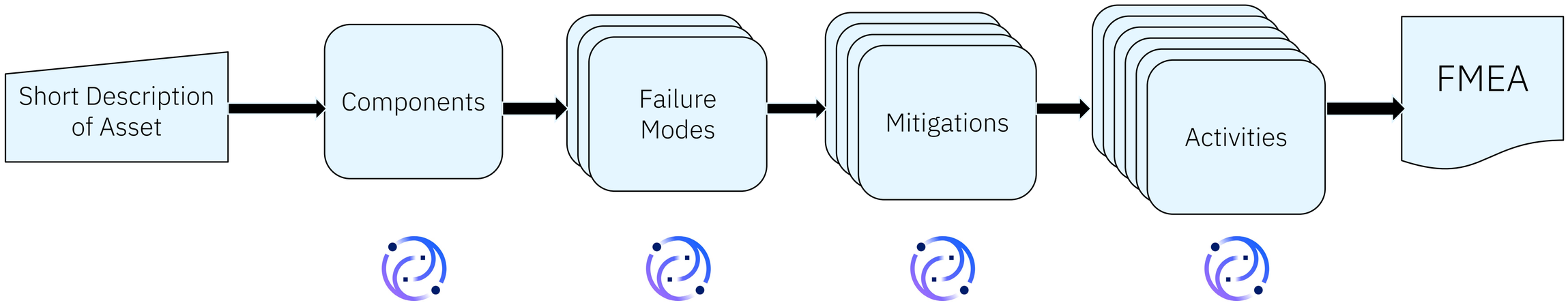






Maximo Reliability Strategies Library
-Failure Mode and Effects Analysis (FMEA) Builder

User-guided creation of FMEAs,
step by step with generative AI.



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Maximo Workflow Scenarios

Maintenance Operations and Diagnosis

Help in use cases related to Manage and Mobile.

Workflow actions include:
- Diagnose a problem
- Create service requests (from context)
- Create work orders (from context)
  - Attach a job plan
- Create a work queue
- Create a job plan
- Review work orders to close
- Create KPIs

Scheduling, Inventory, and Planning

Assist with optimization in scheduling, inventory, and planning.

Workflow actions include:
- Schedule WOs based on technician skills and bandwidth
- Check for missing parts in my inventory (I need to ship, etc.)
- Optimize my schedule
- Load-balance assignments
- Prioritize inspections

CBM, Reliability, and Predictions

Facilitate tasks related to maintenance strategies and their execution.

Workflow actions include:
- Suggest missing data
- Create an alert
- Create meter thresholds
- Create a performance score
- Detect and address an anomaly
- Identify failure codes

Safety and Compliance

Ensure safety and compliance in my procedures.

Workflow actions include:
- Identify and resolve incidents
- Check for compliance codes
- Improve sustainability

Support and IT

Accelerate self-service maintenance and support ticket submissions.

Workflow actions include
- Create a support ticket (from context)
- Resolve an issue

Resources

Why attend the IBM TechXchange Conference?

This is not just a conference – this is the largest IBM learning event of the year. We go beyond theory and thought leadership, and dive into training, up-skilling, credentialing, and certification. It's going to be fast, furious, and (best of all) fun.

1500+
technical sessions, labs, and activities

7k+
participants from around the globe

13
dedicated learning tracks to explore

IBM TechXchange Conference

October 21-24, 2024

Mandalay Bay – Las Vegas

MAXIMO RELATED SESSIONS

- watsonx Integration With Maximo [3382]
- Maximo Health: Unveiling the Efficiency and Power of Asset Management [3378]
- Delivered Tools to Configure Maximo/Manage, Supported Through Upgrade [3369]
- Maximo Application Suite – Basic Administration with AppPoint [3370]
- Maximo Application Suite – Mobile Development Framework [3392]
- Preparing Maximo 7.6 to Upgrade to Maximo Application Suite [3383]
- Design the Future of Asset Lifecycle Management (Exploration) [3373]
- Building a Digital Twin at ConEd [3386]
- MAS Upgrade Considerations [3389]
- …and many more

IBM TechXchange Community

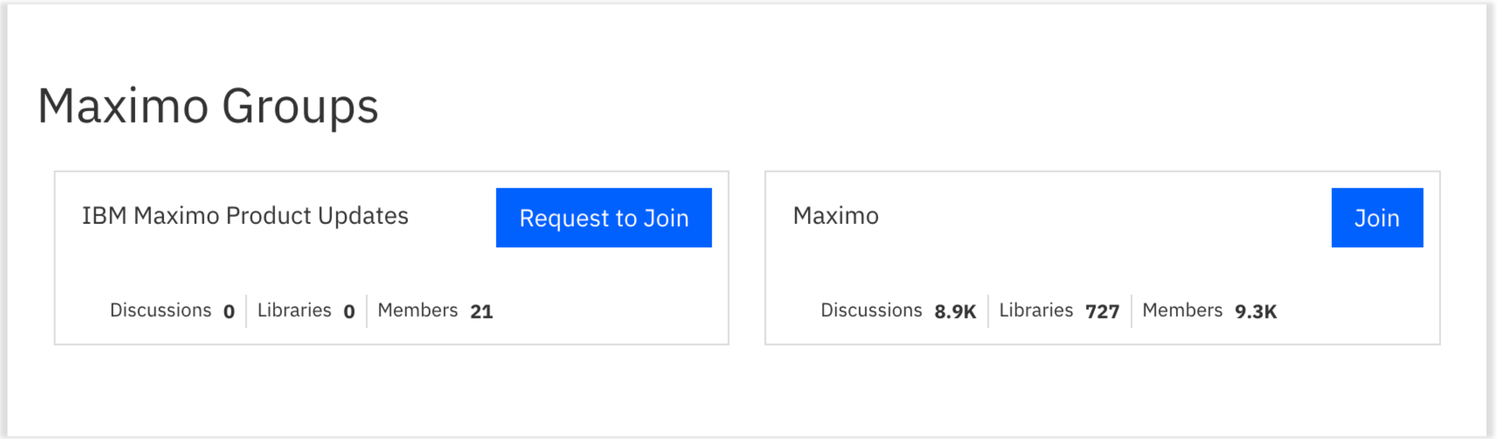
Connect via forums, blogs, files and face-to-face networking.

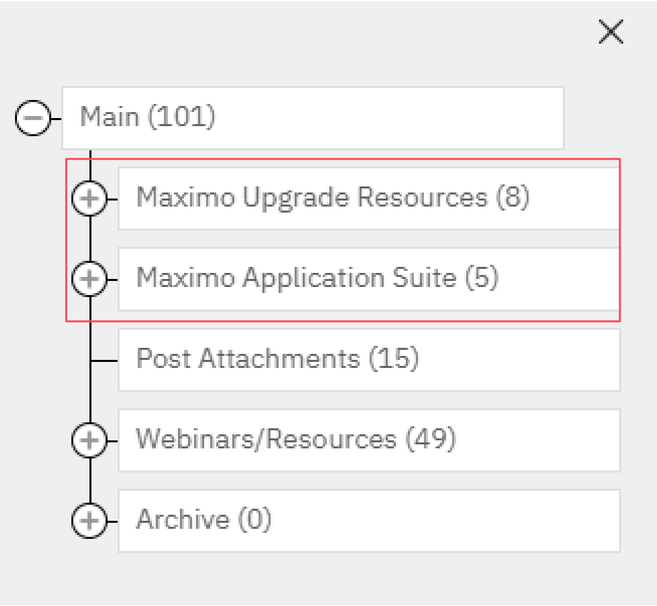
IBM Asset & Facilities Management

Your destination for peer and expert insights to help unlock the power of data with AI and Asset & Facilities Management to advance your digital reinvention.

Join and participate in the Maximo Community HERE

Scan to Join the Product Updates Group





Request for Enhancements in AHA!

AI Applications - Ideas Portal

Welcome to the idea portal for IBM AI Applications Customers

IBM Employees:

The correct URL for entering your ideas is: https://ibm-ai-apps-internal.ideas.aha.io/

Clients:

Shape the future of IBM!

We invite you to shape the future of IBM, including product roadmaps, by submitting ideas that matter to you the most. Here's how it works:

Post your ideas

Start by posting ideas and requests to enhance a product or service. Take a look at ideas others have posted and upvote them if they matter to you,

1. Post an idea
2. Upvote ideas that matter most to you
3. Get feedback from the IBM team to refine your idea

Help IBM prioritize your ideas and requests

The IBM team may need your help to refine the ideas so they may ask for more information or feedback. The offering manager team will then decide if they can begin working on your idea. If they can start during the next development cycle, they will put the idea on the priority list. Each team at IBM works on a different schedule, where some ideas can be implemented right away, others may be placed on a different schedule.

Receive notification on the decision

Some ideas can be implemented at IBM, while others may not fit within the development plans for the product. In either case, the team will let you know as soon as possible. In some cases, we may be able to find alternatives for ideas which cannot be implemented in a reasonable time.

https://ibm-ai-apps.ideas.ibm.com/

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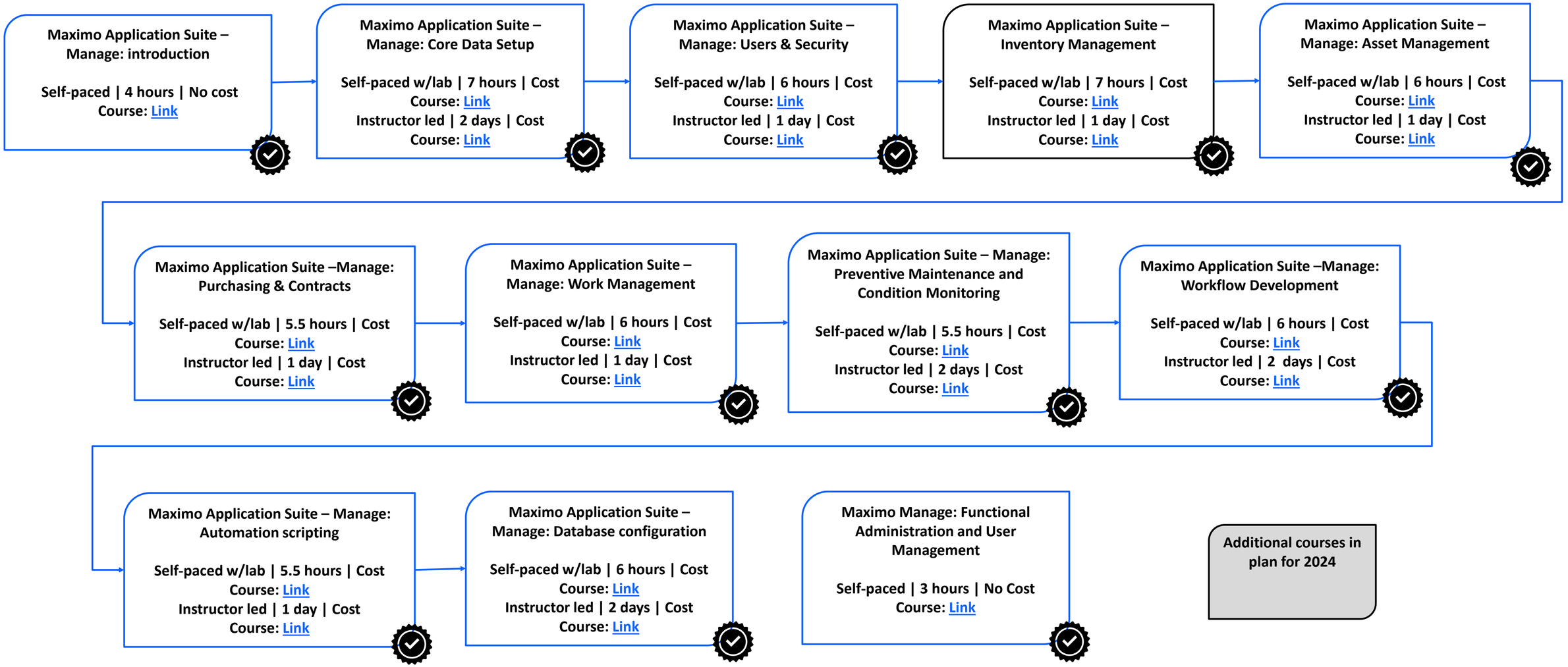
IBM Maximo Application Suite – Manage

Technical education recommended roadmap



Legend

- Technical education Recommended
- Technical education Additional
- Technical education Coming soon
- Badge

IBM Maximo Application Suite

Technical education – Health, Visual Inspection, Monitor, Scheduler, Mobile

Health

Leveraging Health for Maximo Application Suite - Manage

Self-paced | 5 hours | Cost
Course: Link

Visual Inspection

Maximo Visual Inspection: Functional Essentials

Self-paced | 2 hours | No Cost
Course: Link

Monitor

Implementing Monitor in Maximo Application Suite

Self-paced | 6 hours | Cost
Course: Link

Scheduler

Short-term Planning with Maximo Scheduler

Self-paced | 7 hours | Cost
Course: Link

Maximo Scheduler: Graphical Assignment and Crew Management

Self-paced | 7 hours | Cost
Course: Link

Additional courses on advanced topics on Scheduler and Mobile in plan for 2024

Mobile

Maximo Mobile Customization Overview
Self-paced | 2 hours | No cost
Course: Link

Maximo Mobile: Technicians Training
Self-paced | 2 hours | No cost
Course: Link

Maximo Mobile: Inspectors Training
Self-paced | 1 hour | No cost
Course: Link

Maximo Mobile: Asset Managers Training
Self-paced | 1 hour | No cost
Course: Link

Maximo Mobile: Storeroom Clerks Training
Self-paced | 2 hours | No cost
Course: Link

Maximo Mobile: Administration and Supervision

Coming soon

Legend

- Technical education Recommended
- Technical education Additional
- Technical education Coming soon
- Badge

IBM Maximo / Maximo Application Suite – Manage

Technical certification

Maximo Application Suite 8.x

Maximo Manage hands-on preparation for Deployment certification

Self paced w/lab | 6 hours | Cost
Course links: Link

IBM Certified Deployment Professional – Maximo Manage v8.0
(including prep material)

Self paced | Exam fee
Credential: Link

IBM Certified Administrator – Maximo Manage v8.x
(including prep material)

Self paced | Exam fee
Credential: Link

Maximo Application Suite 9.x

Maximo Manage hands-on preparation for Deployment certification

Coming soon

IBM Certified Maximo Manage v9.0 Functional Deployment – Professional
(including prep material)

Self paced | Exam fee
Credential: Link

Legend

Technical Certification

Certification

Last Updated: January 25, 2023

An IBM Learning Subscription is a great way to access a lot of training while keeping to a budget.

- **Variety** – Select from the entire digital catalog of self-paced courses and access to new or updated courses released during your subscription duration.
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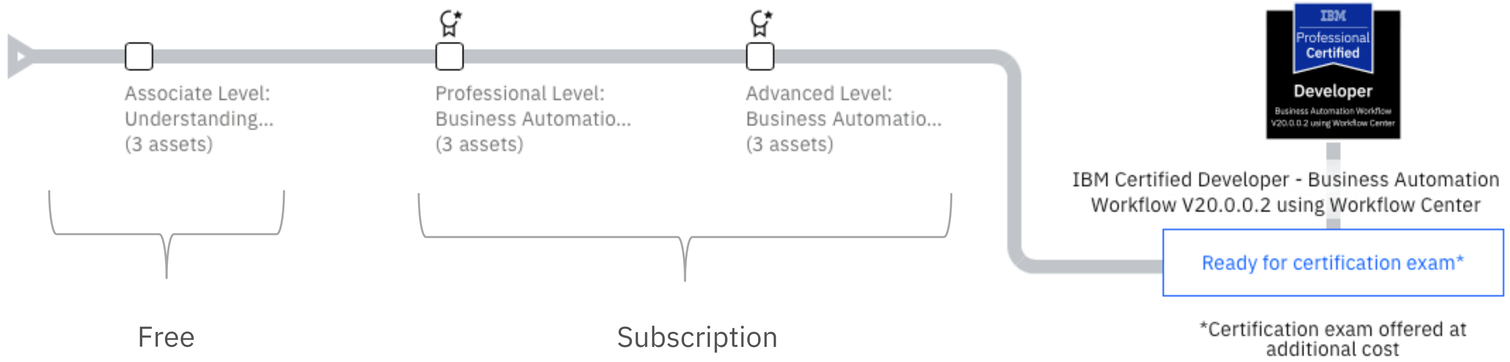
An IBM Learning Subscription includes unlimited access to self-paced courses, 9 hands-on labs and an IBM Certification exam voucher.



Check out the Learning Subscription at www.ibm.com/training/subscriptions.

Thank you

What's New in MAS 9.0 for Manage

Manage

- New Inspection Form Builder App
- New Maximo Management Interface (MMI) App
- Enhancements to Configuration Tool
  - Support for PODMAN deployment as an alternative to Docker
- Cognos 12 support
- Reliability Strategy Builder

Maximo Mobile

- Support for Calibration Work Orders
- Complex Asset Switch (ACM)
- Enhanced work order assignment updates - ability to accept/reject assignments
- Device location is now shared with dispatchers
- Quick WO reporting
- Support for Linear Assets
- Data synchronization and error handling updates
- Storeroom Apps – transferring inventory items, creating shipments and staging

Dispatching Dashboard

- Emergency Intelligent Assignment Workflow
- Integration with Mobile
- Gantt View Improvements
- Map Views of Technician's Scheduled Route
- Qualifications

Scheduling Dashboard

- Qualifications
- Customer Work Week configurable start date
- Support for Multiple Email Address
- Adding Milestone to JP/JT
- Support for not splitting assignments in Graphical Work Week
- Support for gaps in Scheduling Compliance

Operational Dashboard

- New Dashboard Page object
- Creating and editing an Operational Dashboard page
- Multi-page dashboard layout and viewing
- Dashboards added to Security Groups application
- Walk-me content

Work Orders

- New tab on Work Orders RBA for Work Plans: tasks, labor,

Work Queues

- Work Queues supporting different object structures
- End user table column personalization extends standard queue configuration

AI

Work Order Intelligence

- New AI model, broker and inference objects to determine WO problem codes from textual input and store the top 3 results.
- Work Orders RBA surfaces the AI recommendations for review/accept
- Demonstration Work Queue surfaces the top recommendation for accept

Spatial

Tools:

- Sketch Tool for Mobile
- Find My Location for Mobile
- Indoors on Desktop
- Query Tool enhancements (Save Query, Geofence + Alphanumeric Search)
- Configuration for Maximo Object Symbology (Icons, Pinpoints)
- Home Button Tool for Mobile

Enhancements:

- UI Standardization (Mobile and Desktop)
- ESRI API Migration (New Version)
- Offline Maps Enhancements
- Performance enhancements (up to 80% faster)

What's New in MAS 9.0 for Monitor, Visual Inspections, Health, Assist, IT and Accelerators

Health

- Health Mean Time Between Failure
- Identify and Correct Missing Asset Data for KPIs
- Health Made Easy with Out of the Box Score Calculations
- Maximo Models for Electric Transformers
- Health Accelerator Installation supports new automation and UI for MAS Accelerator download, installation, activation and deactivation (run-at)

Accelerators

- Know which accelerators are owned
- Simplify administration of accelerators
- Track status of any activated accelerators, including manually activated
- Know when an accelerator has a new version and what's in it
- Enhance trust and credibility with an accelerator certification program for partners

Monitor

- Redesigned the UI to fully integrate EDC and IoTp capabilities into a unified and intuitive user experience in a single user flow
- Easier to administer devices and gateways with detailed views of all the information they need such as connectivity relationships, hierarchy and operational status
- Includes a sample data stream that can be used in demos, trials and provide users with examples to test
- Enhanced Monitor with Workplace Analytics/integration with IBM TRIRIGA. Capabilities and dashboards designed to help space planners monitor and analyze how spaces are utilized

Visual Inspections

- Support GigE Vision cameras providing high-bandwidth, Power Over Ethernet (PoE), Plug-and-Play and Scalability
- Facial Redaction - image blurring technology for MVI Edge outside the detection boxes
- Data Lifecycle Management policy manager providing flexibility to enable policies based on metadata and attributes to automate removing historical images and videos

Assist

- Assist will no longer offer digitized document searching. Watson Discovery and Install AppPoint requirement are removed.
- Collaboration sessions WILL be supported.

IT

- Provides customers the ability to quickly collaborate and focus on rapid restore
  - Integrations for Chatops and Swarm, Slack
  - Microsoft Teams – foundation set
- Enabling Integrations for DevOps and Cloud mgmt., through Jira & ManageIQ
- Delivery of connected responsive Apps (mobile), provides capabilities to move work through processes on smaller form factor devices in a connected mode with rich functionality – focused on
- Service and Site reliability engineers work actions
- End user experience (Self Serve)
- Delivery of New Service View and Insights enables agents and SRE users to quickly restore or prevent outages

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IBM Maximo Application Suite Product roadmap highlights

Targeted MAS 9.1

1H 2025 Planned deliverables (MAS 9.1)

Plan	Operate	Optimize
Cross MAS Dashboards; Improved User Security, Guest User Support, Java 17, Support for Power/Z, Instrumentation and Management		
Asset investment optimization and planning	Field Service Management: Expanded assignment and crew support; drag & drop; customizable dashboard; planning dashboard	Evolve to watsonX technologies to improve TTV, capabilities, asset class coverage, and UX.
Maximo Vegetation Management utilizing Environmental Intelligence	Mobile: Expand support for assignments, rotating assets, asset auditing, finding WO's; UX; Scalability	Move MAS to fully automated Condition Based Maintenance
Solution for renewable assets to optimize utilization and emissions	GenAI assistant for Work Order Intelligence (WO Similarity)	Reliability Strategies: watsonX support for FMEA creation; expanded integration.
Integration of Maximo for Real Estate and Facilities powered by TRIRIGA	MVI adoption of watsonX to improve training, usage, and TTV	Integration of MROiO into MAS
Factor Climate and Weather Risk into capital and asset management plans		Continued expansion of Accelerator Marketplace
Generative AI: Leverage watsonX integrated with MAS to deliver a consumable experience that empowers everyday users of MAS to derive greater value from AI insights and automations.		

IBM's statements regarding its plans, directions, and intent are subject to change or withdrawal without notice at IBM's sole discretion.