



There's (S)now Much New with Maximo

 Wednesday, 22 February 2023

 3:00 PM CET / 9:00 AM EST

Dave Gasdia

Program Director

IBM Maximo Product Management



[Register here](#)

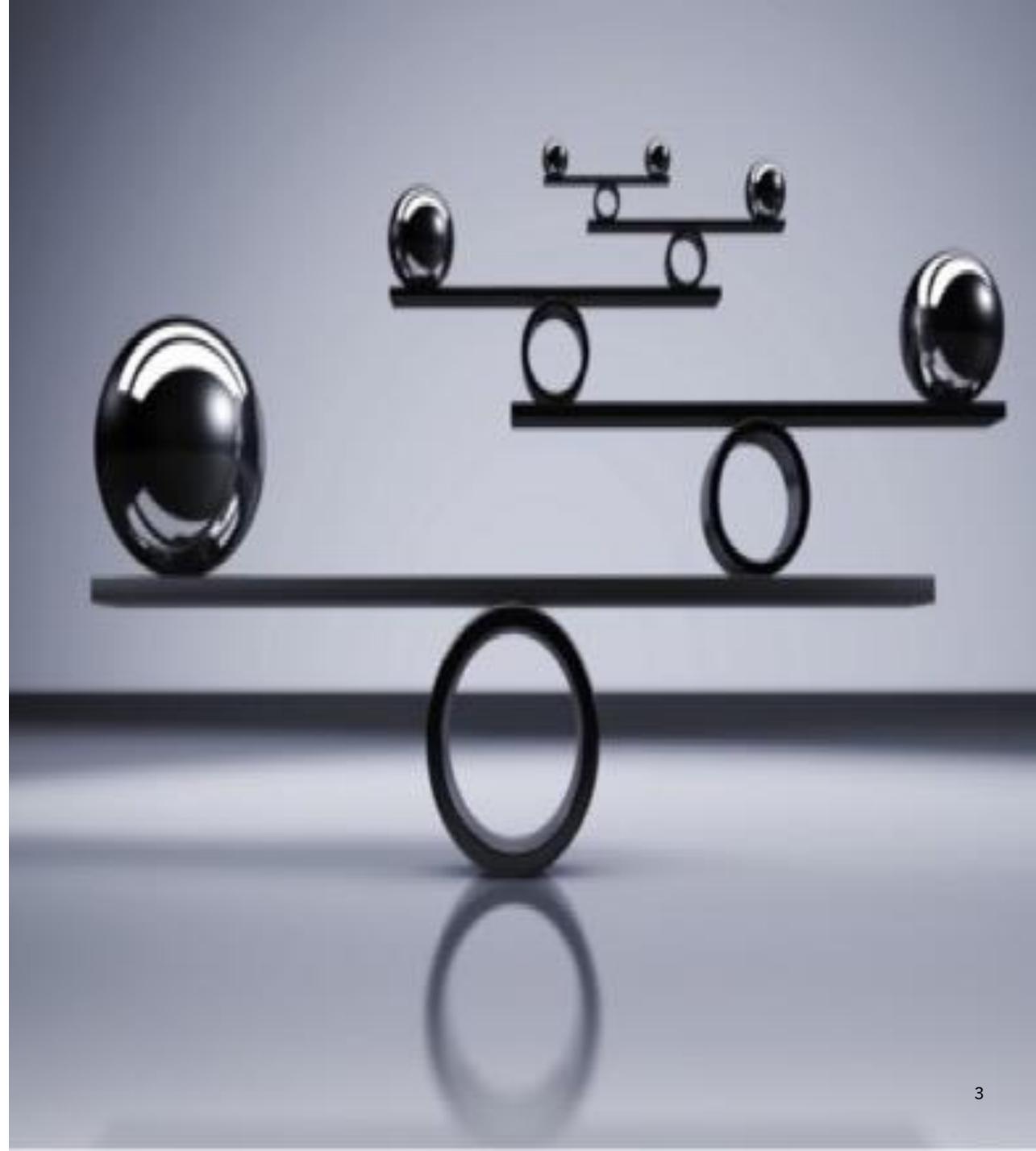


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- Information regarding potential future products is intended to outline our general product direction and it should not be relied on in making a purchasing decision.
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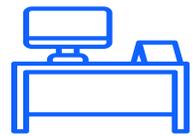
Roadmap Topics

- Introduction
- Maximo Application Suite (MAS) – release 8
- MAS Licensing model
- Strategic direction and roadmap
- Q&A



Asset Management Strategy and Maturity Model: Asset utilization and availability

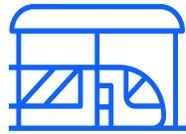
The asset strategy and maturity changes depending on factors including asset/replacement cost, criticality of asset, usage patterns and impact of failure on safety, environment, operations, financial and public image.



Reactive



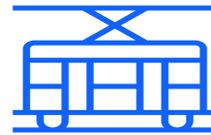
Run-to-failure



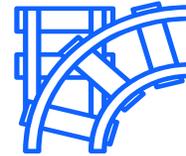
Calendar based



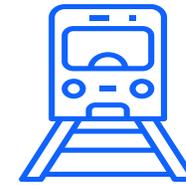
Usage based



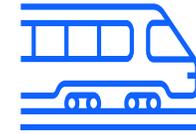
Condition based



Risk-base maintenance



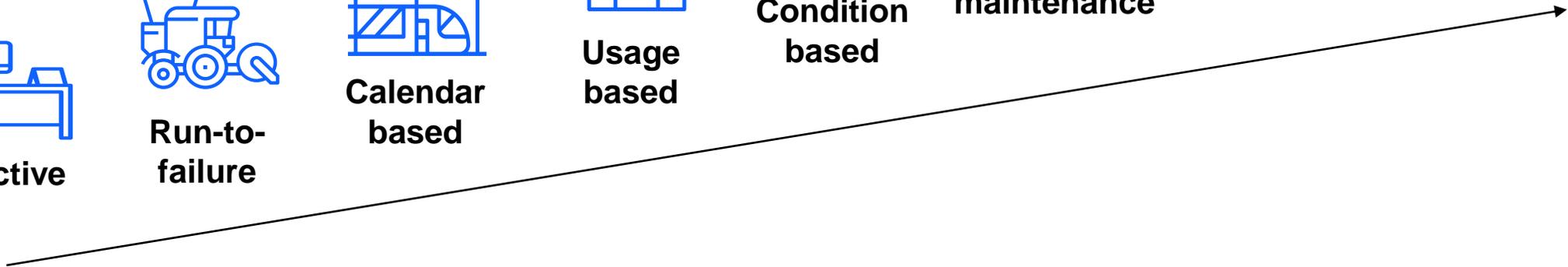
Predictive



Financially optimized

Risk Mitigation

Financial Optimization

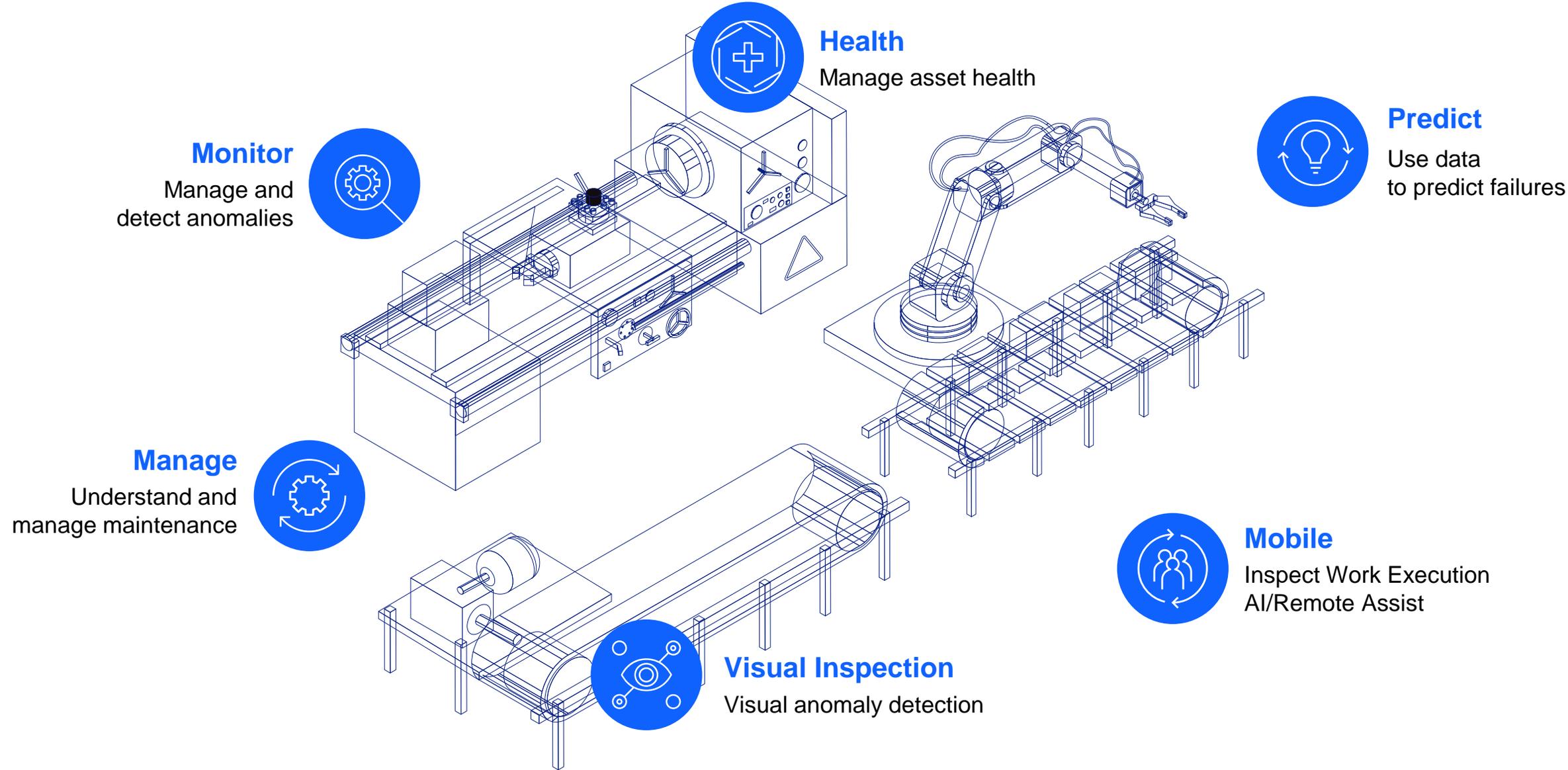


Maintenance is an expense

Maintenance is an investment

Data driven decisions (analytics)

Driving the Automation Journey



Maximo Application Suite

Accelerate your transformation journey while lowering total cost of ownership

- Improved usability with a unified look and feel
- Single entitlement across the suite
- Ease of implementation with OpenShift containers
- Provides industry-leading capabilities and functionalities

Maximo Application Suite

Best of class capabilities to provide complete view of your assets



IBM Cloud Pak for Data | IBM Watson Studio | IBM Watson ML | IBM Watson Discovery | IBM Watson Assistant | IBM App Connect

 **Red Hat OpenShift** Infrastructure Independent Common Operating Environment

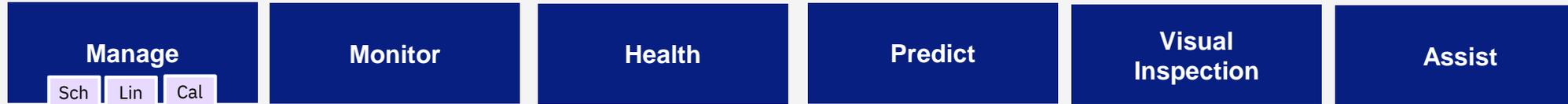


Maximo Application Suite Deployment options

Deployment	Availability	Procure	Provision & Operate	Client Benefits
On Premise Customer Managed	Now	Client purchases MAS from IBM Client provides infrastructure	Client provisions, manages, and operates full stack	<ul style="list-style-type: none"> • Maximum operational flexibility
Hyperscalers Customer Managed	Now AWS 1Q22 Azure 2Q22	BYOL Client purchases software from IBM and infrastructure from Hyperscalers	Client runs IBM-provided automation scripts to deploy MAS on Hyperscalers' cloud Client manages and operates both software and infrastructure	<ul style="list-style-type: none"> • Simplifies procurement and deployment • Allows client to select their Hyperscalers • Flexibility for clients to manage and operate their environment
	Now AWS 3Q22 Azure 4Q22	Paid (Marketplace listing) Client purchases software and infrastructure from Hyperscalers		
SaaS IBM Managed	Now AWS 3Q22	Client purchase single part (includes software, infrastructure, and operations) from <u>either</u> IBM or AWS Marketplace	IBM provisions, manages, and operates Client's MAS environment on AWS Cloud using IBM's AWS cloud account	<ul style="list-style-type: none"> • Reduced time-to-value • Reduced operational costs • Allows clients to focus on business priorities
Dedicated (Managed Service) IBM Managed	Now IBM 2021 AWS 1Q23*	Client purchases software and managed service (including infrastructure) from IBM	IBM provisions, manages, and operates Client's MAS environment on IBM Cloud or AWS in an IBM owned account	<ul style="list-style-type: none"> • Simplifies deployment and operations • Provides more flexibility, than SaaS, to customize environment • Provides more operational flexibility than SaaS

Maximo Application Suite Catalog

MAS Applications



MAS Industry Solutions



MAS Add-on Solutions



MAS Integrations and Add-ons – separate part purchase



Simplified Licensing and Usage

MAS AppPoints will be used across suite

Entitlement covers the whole suite. AppPoints are expended based primarily upon different active User types

Available as Subscription or Perpetual Licenses

1. Single license

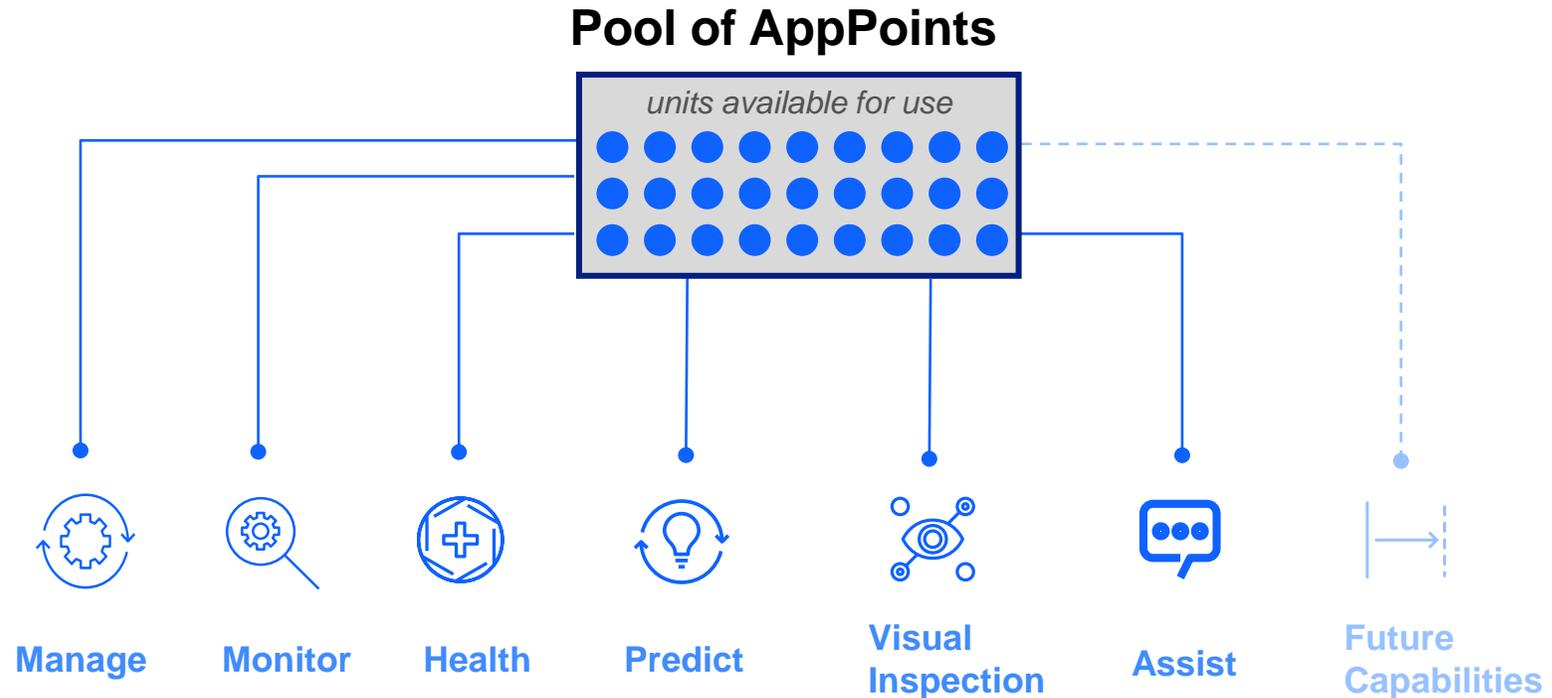
One entitlement to entire Suite

2. Flexible consumption

Sharing of license through concurrent users

3. Simplified usage

Access applications without additional provisioning



MAS LICENSE MODEL

- 4 User types
- Authorized & Concurrent
- Install based

Self Service User

Free
0 AppPoints

Self Service Applications

- Service Requests
- Desktop Requisitions
- Requests (Oil & Gas)
- Create/Review Incidents (HSE)
- Vehicle Requests (Transportation)
- Graphical Appt Book (Scheduler)
- Bill review (Service Provider)

Limited User

Concurrent 5 AppPoints	Authorized 2 AppPoints
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3 Modules:

- Manage
- Manage Industry Solutions
- Manage Add-ons

Mobile

- Maximo Mobile
- Assist
- 3rd Party

Monitor

Base User

Concurrent 10 AppPoints	Authorized 3 AppPoints
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Manage

Includes:

- Linear
- Calibration
- Spatial (requires install)
- Scheduler

Health

Premium User

Concurrent 15 AppPoints	Authorized 5 AppPoints
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Manage

Industry Solutions

- Oil & Gas, Aviation, Transportation, Utilities, Nuclear, Civil Infrastructure

Add-ons

- Asset Configuration Manager, Service Provider, Health, Safety & Environment

Predict

Health and Predict - Utilities

Visual Inspection

<p>Install – 1 AppPoint (x multiplier) Production Only</p>	<p>SAP/Oracle/Workday Connector (x80)</p>	<p>Spatial (x20)</p>	<p>Civil Infrastructure (x50)</p>	<p>Visual Inspection (x45) Edge (1)</p>	<p>Assist (x150)</p>	<p>Health & Predict Utilities (x60)</p>	<p>Optimizer / Optimizer Limited (x220) / (x60)</p>
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Shared Pool of AppPoints

Concurrent Application Users



Check in/out AppPoints on a regular occurrence as users' login/out of the Suite.

Always rotating the amount of AppPoints in the pool.

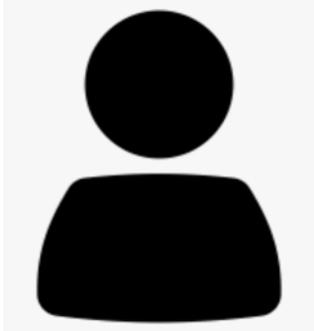


Installs

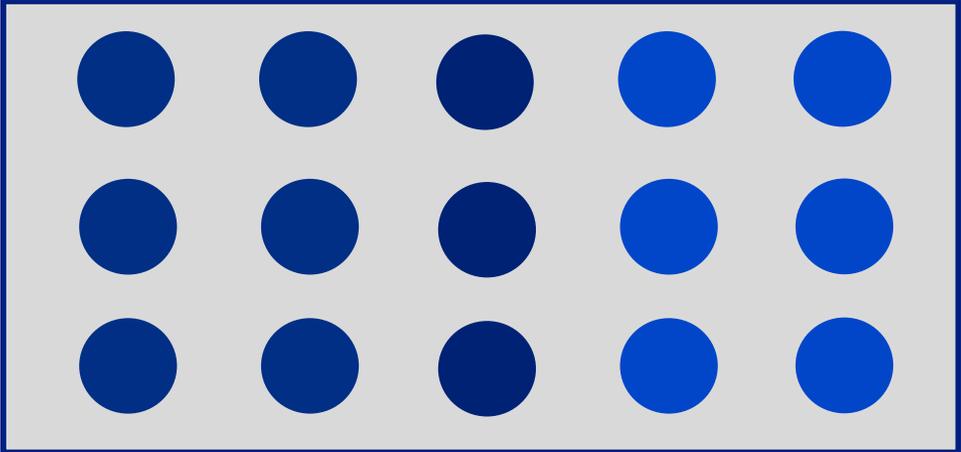


These AppPoints are required for each MAS instance and are "reserved" on install of application.

Authorized Application Users and Administrators



These AppPoints are "reserved" to ensure Admins and Authorized users always have access to the application suite.



units available for use

Focusing on key capabilities for 2023 and 2024



Expand purchase and deployment choices

Easily deploy MAS into AWS & Azure via marketplace integration.

Purchase MAS as a SaaS offering hosted on AWS

Single Node Openshift for smaller footprint installs

Broader DevSecOps capabilities leveraging Red Hat Openshift.



Deliver AI driven asset performance @ Scale

Significant enhancement of ingestion and rendering of large datasets from IoT sensors and operational data.

AI Driven insights delivered where and when needed.



Streamline the EAM to MAS migration experience

End to end migration support with a focus on providing new differentiated value in Manage and the Suite.



Deliver user experiences that increase operational effectiveness

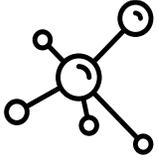
Expand the user experience aligning asset management roles with AI enhanced processes for managers, schedulers, dispatchers and mobile users.



Extend and enhance our Industry Solutions

Bring new user experiences to key roles and expand Industry Solutions to leverage MAS capabilities of value to industry customers.

Deliver AI driven asset performance @ Scale



Monitor

Monitoring with AI-based Anomaly Detection at Enterprise-Scale

- Rapid data integration
- Scalable dashboard filtering and management
- Enterprise-wide view of operation
- Generate work orders based on prioritized alerts



Health

Reduce fleetwide operational risk by focusing on the right assets

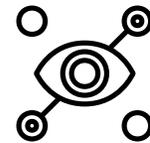
- Consolidated global view of assets
- Flexible health scoring by asset type or groups
- Refurbish vs Replacement Planning
- Reduce unnecessary preventive maintenance



Predict

Identify asset failure and improve maintenance practices and reliability

- Templates to build common predictive models
- Determine factors that contribute to failure and build failure models
- Score predictive models using Watson ML
- View pre-built visualizations



Visual Inspection

Unleash the power of computer vision for inspection automation

- Visual inspection of the line or asset using commercial, off-the-shelf devices such as iPads and iPhones
- Identify potential quality and performance issues in real time and configure to notify key stakeholders immediately
- Integrate with maintenance and quality workflows for a fast and prescriptive response

MAS/Manage Roadmap – 2023

IBM Continuous Delivery model

MAS 8.8/8.9 2022

Inventory Count Books
Spatial - Indoor Mapping

Role Based Apps

- Scheduling Dashboard
- Operational Dashboard

MAF Configuration

- UI Control Preview
- Ability to use deploy dates
- Full page Component rendering
- Support of MAF non-Mobile applications

Manage Mobile Apps

- Current Mobile App enhancements
- Storeroom Clerk – Inventory Counting
- Defect App
- Asset Manager/Auditor

Serviceability /Security/Currency

- Operator maturity model enhancements
- Improved logging options
- Autoscripting Enhancements

Civil Infrastructure enhancements

- Mobile Issue Collection with integration to MVI for Bridge Defects
- Drone Mission table in Manage
- Asset Classification Sample for Bridge
- Regional Asset Manager View – Health of Structures on a Map
- Drone Image Upload/Drone Application Alpha
- Linear Road and Rail Defects/Closure Planning
- Key Bridge Asset Template w/ Inspection Forms

MAS 8.X Q1 2023

Role Based Apps

- Scheduler Dashboard enhancements
- Dispatching Dashboard
- Operational Dashboard enhancements

MAF Configuration

- Component view inter-activity with Properties Editor
- Add UI guided features to support App Upgrade process

Manage Mobile Apps

- Current Mobile App enhancements
 - Addition of E-sig to Technician App
- Storeroom Clerk - Receiving

Serviceability /Security/Currency

- Operator maturity model enhancements

Reporting

- Cognos 11.2

IS enhancements

- RBA and mobile apps
- Civil Infrastructure enhancements

MAS 8.y Q3 2023

Role Based Apps

- Scheduler/Dispatcher enhancements
- Operational Dashboard
 - Operations enhancements
- MMI (Manage Monitoring Information)
- New Inspection Forms

MAF Configuration

- Drag & drop configuration

Manage Mobile Apps

- Current Mobile App enhancements
 - Addition of Calibration to Technician App
- Storeroom Clerk - Issues & Returns

Serviceability /Security/Currency

- Operator maturity model enhancements

Reporting

- Cognos enhancements

IS enhancements

- RBA and mobile apps
- Civil Infrastructure enhancements

MAS 8.z Q4 2023

Role Based Apps

- Scheduler/Dispatcher enhancements
- Operational Dashboard
 - HSE enhancements
- New Dataloader

MAF Configuration

- Tool Palette
- DataSource Assignment
- Data Dictionary Searching

Manage Mobile Apps

- Current Mobile App enhancements
- Desktop Requisition

Serviceability /Security/Currency

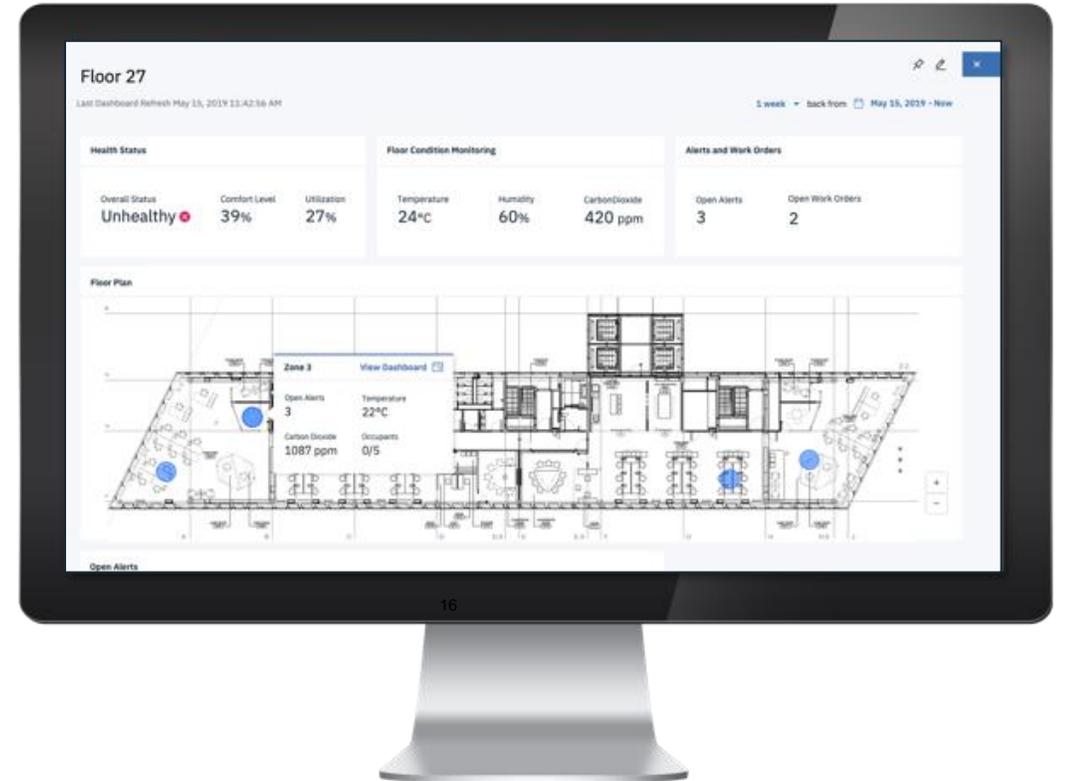
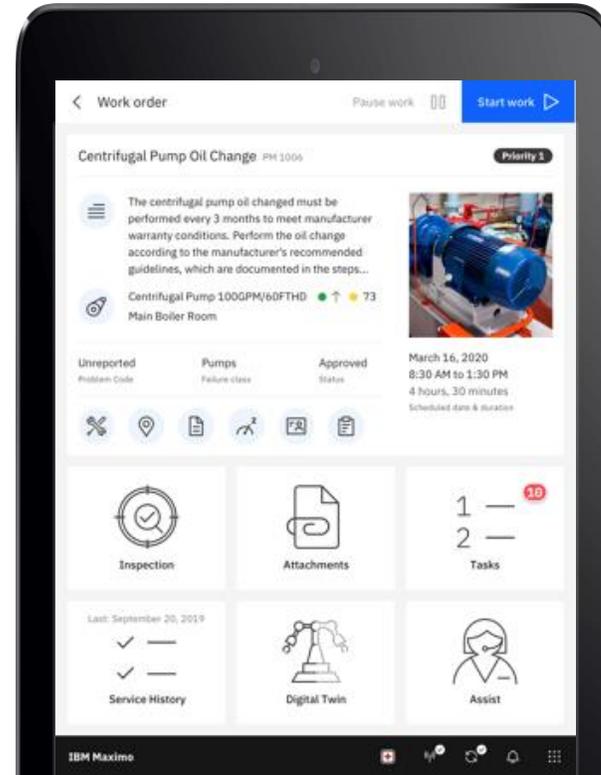
- Operator maturity model enhancements

IS enhancements

- RBA and mobile apps
- Civil Infrastructure enhancements

Modernized User Interface

Easy navigation, common controls and visualization



Updated Look and Feel

- *Maximo Application Suite Manage*

Updated Search Navigation

Collapsed Left side Navigation allows more screen real estate

The screenshot displays the Maximo Work Order Tracking application interface. On the left, a dark navigation menu is collapsed, showing a search bar and a list of categories including Start Center, Financial, IT Infrastructure, Integration, Inventory, Planning, Planning and Scheduling, Preventive Maintenance, Purchasing, Release, Security, Self Service, Service Desk, Service Level, System Configuration, Task Management, Work Orders, Labor Reporting, Quick Reporting, Activities and Tasks, Assignment Manager, Service Requests, Conduct an Inspection, and Work Supervision. The 'Work Orders' category is selected, and a sub-menu is visible with options like Work Order Tracking, Labor Reporting, Quick Reporting, Activities and Tasks, Assignment Manager, Service Requests, Conduct an Inspection, and Work Supervision. The main content area is titled 'Work Order Tracking' and shows a table of work orders. The table has columns for Work Order, Description, Is Task?, Location, Asset, and Scheduled Start. A search bar at the top right of the table is active, and a dropdown menu is open, showing options like More Search Fields, Where Clause, Attribute Search, View Search Tips, Save Current Query, View/Manage Queries, and Bookmarks. The table contains 10 rows of work order data, including details like 'Relocate Guard Rails Around Compressor', '12 Month Service on Shipping Dept #1 Conveyor', 'Rebuild Feedwater Pump', 'Check for Plumbing Problem', 'Generator Overhaul', 'Electric Cart Tune-Up', 'Feedwater Pump Service', 'Packaging Mach. Elevator & Drainpan Inspection', 'Repair Damaged Conduit Feeding Generator', and '12 Month Service on Shipping Dept #2 Conveyor'. The IBM logo is visible in the top right corner of the application.

Work Order	Description	Is Task?	Location	Asset	Scheduled Start
1000	Relocate Guard Rails Around Compressor	<input type="checkbox"/>	BR300	11300	3/30/16 3:00 PM
1001	12 Month Service on Shipping Dept #1 Conveyor	<input type="checkbox"/>	SHIPPING	12600	3/30/16 3:00 PM
1002	Rebuild Feedwater Pump	<input type="checkbox"/>	BR450	11450	APPR
1003	Check for Plumbing Problem	<input type="checkbox"/>	BOILER	APPR	3/30/16 3:00 PM
1004	Generator Overhaul	<input type="checkbox"/>	BR230	11230	INPRG
1005	Electric Cart Tune-Up	<input type="checkbox"/>	SHIPPING	12300	APPR
1006	Feedwater Pump Service	<input type="checkbox"/>	BR450	11450	APPR 3/30/16 3:00 PM
1007	Packaging Mach. Elevator & Drainpan Inspection	<input type="checkbox"/>	BPM3100	13141	APPR 3/30/16 3:00 PM
1008	Repair Damaged Conduit Feeding Generator	<input type="checkbox"/>	BR230	11230	WAPPR 3/30/16 3:00 PM
1009	12 Month Service on Shipping Dept #2 Conveyor	<input type="checkbox"/>	SHIPPING	12700	INPRG
1013	Inspect and Repair Pump as Required	<input type="checkbox"/>	REPAIR	11470	APPR

Updated Look and Feel

- Maximo Application Suite Manage

Continues to support previous features

- Application Designer
- Conditional UI

New Capabilities:

Table Window details embedded

Removed properties file options

- Skin
- Dynamicfontsize
- Vericallabels
- showOnToolbar

The screenshot displays the 'Work Order Tracking' application interface. The main view shows a work order with the following details:

- Work Order:** 1000
- Location:** BR300 (highlighted with a blue box)
- Asset:** 11300
- Site:** BEDFORD
- Class:** WORKORDER
- Work Type:** CM
- Description:** Relocate Guard Rails Around Compressor

An 'Asset Details' table is embedded in the interface, showing the following data:

Asset	Status
11300	NOT READY
Reciprocating Compressor- Air	Primary User/Custodian
Manufacturer	--
Ingersoll-Rand Company	Type
Item	--
Serial Number	Classification
43960	--
Asset Tag	Location
4286	Boiler Room Reciprocating Compressor

On the right side of the interface, there are several toggle switches instead of checkboxes:

- Inherit Status Changes?** (checked)
- Accepts Charges?** (checked)
- Under Flow Control?** (unchecked)
- Suspend Flow Control?** (unchecked)

The interface also includes a left-hand navigation menu with options like 'List View', 'Find Navigation Item', 'Available Queries', and 'Common Actions'. The top right corner shows the user name 'Mike Wilson' and the IBM logo.

Toggle switches instead of checkboxes

Reporting Updates

BIRT

- Updated BIRT reporting to the latest 4.8 release in MAS 8.8 and 7.6.1.3 (July/Aug 2022)

Cognos

- Adding Cognos to the Maximo Application Suite (planned Q1 2023)



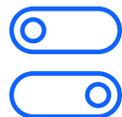
Provide analytic information to meet strategic and operational needs of our customers



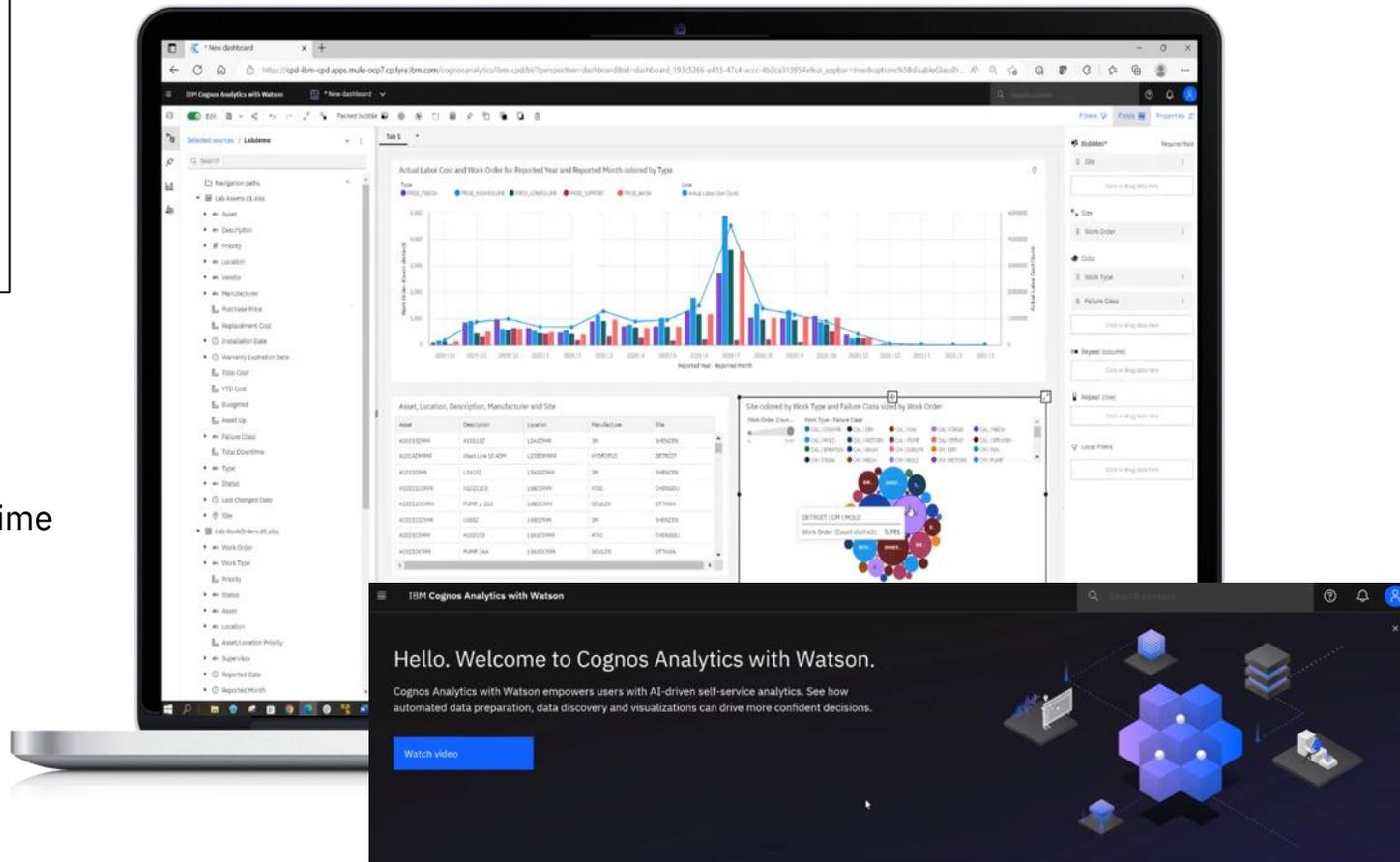
Display information quickly and in real-time



Deliver critical metric to drill down into actionable items



Make content customizable

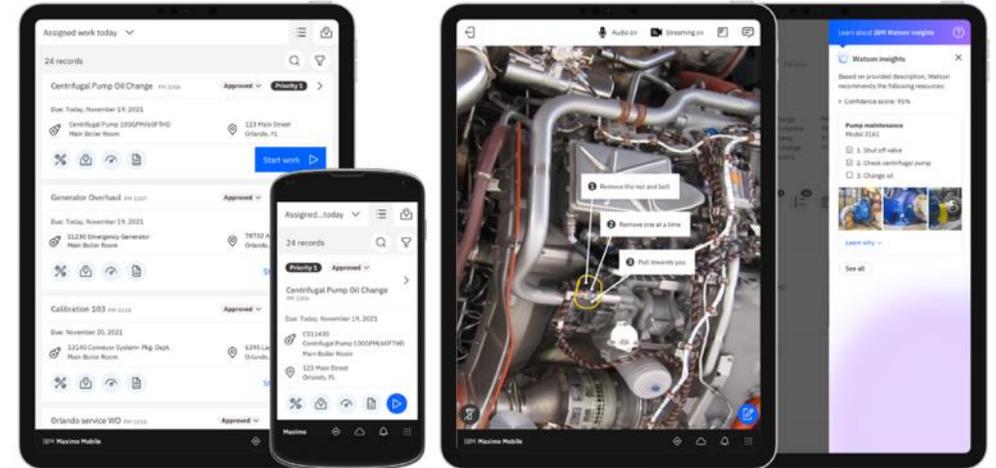


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Modernized experiences to support the new workforce

New Maximo Application Framework

- ✓ Uses [REST APIs](#) to ensure business rules with direct connectivity to the enterprise system
- ✓ Applications run in a [browser or on a mobile](#) device
- ✓ Same tool to [configure](#) an App to run on mobile and desktop, can use xml presentations
- ✓ Same development environment to [create/build Apps](#) for mobile and desktop
- ✓ AI Infused Applications
- ✓ Award Winning Design



Goals include Improved:

- Increased Productivity
- Actionable Dashboards
- Data accuracy
- First Time Fix Rates

Role Based Applications

Next Generation User Experience

Available



Actionable Dashboards to improve efficiencies



Intelligent workflows



Configurability

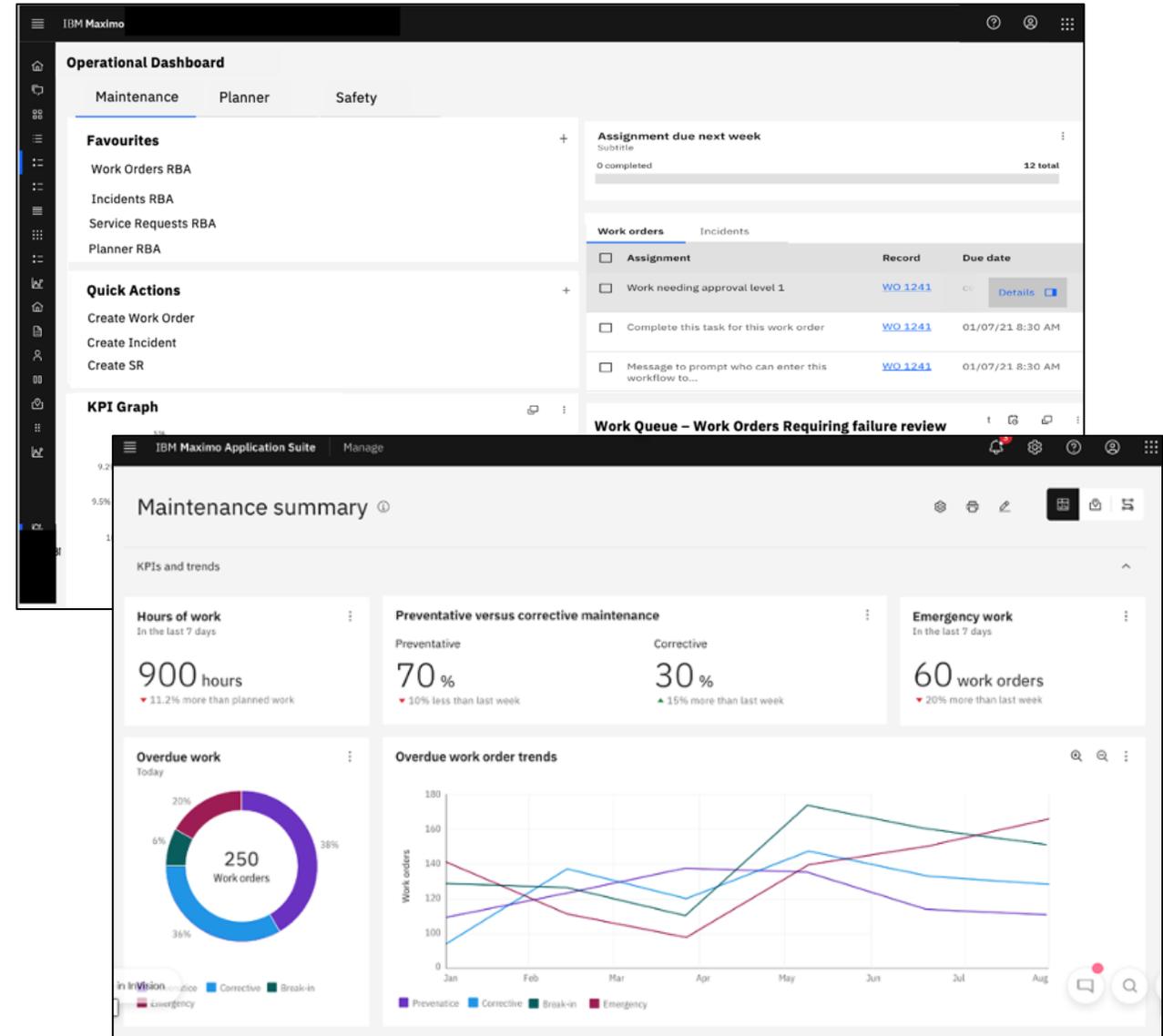


Built on Maximo Application Framework



Connected

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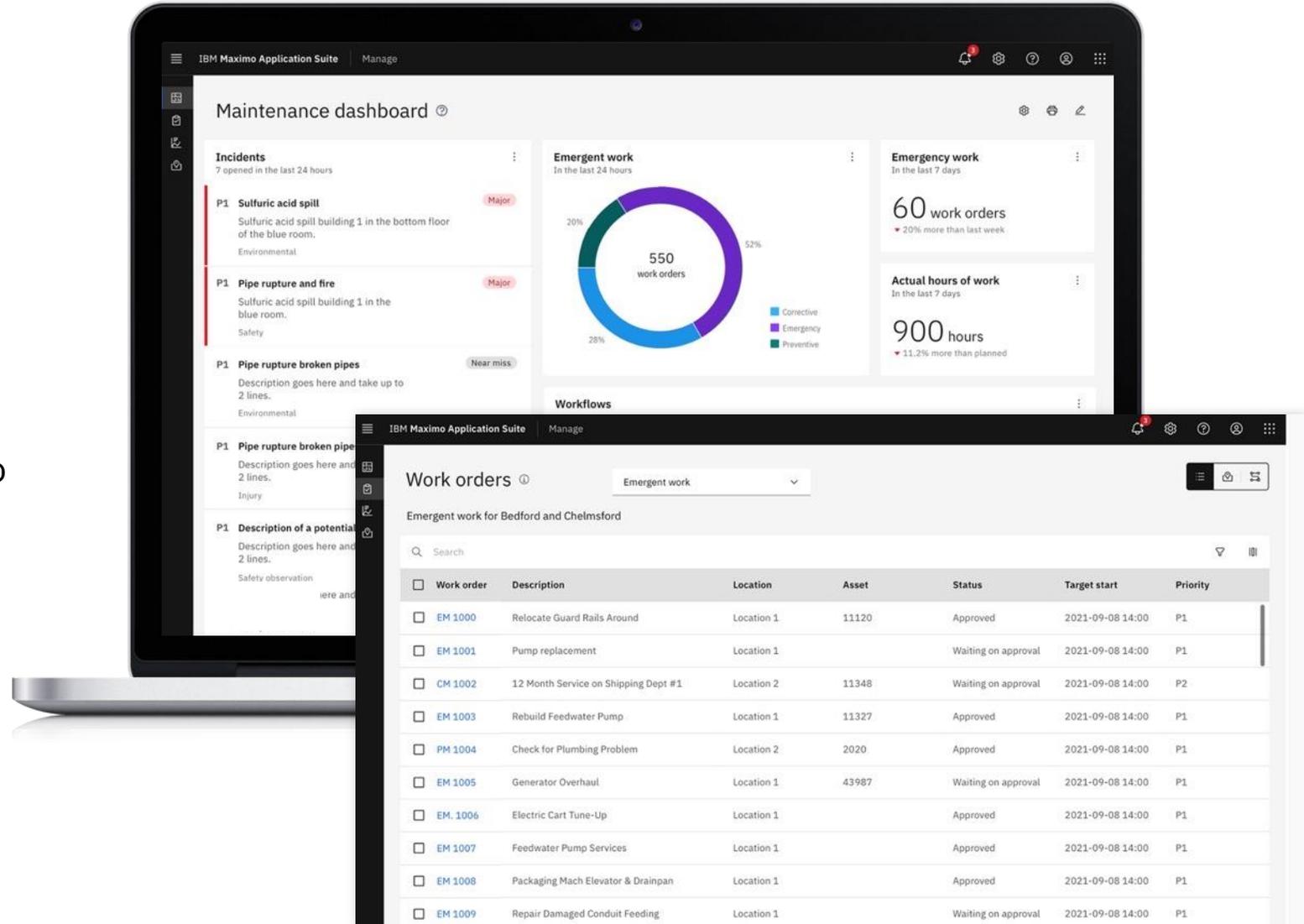
Operational Dashboard

- *Role Based Application*

Available

Overview dashboard and basic navigation

- [Entry point for the Manager](#) will be an overview dashboard. The Manager will be able to navigate to further detailed screens for each main component of the overview dashboard.
- In general, the Manager will be presented with [summary information](#) with the ability to navigate to Classic for details when necessary.
- [Existing configuration applications will be utilized](#). These applications will normally be configured for the Manager by a Maximo administrator.



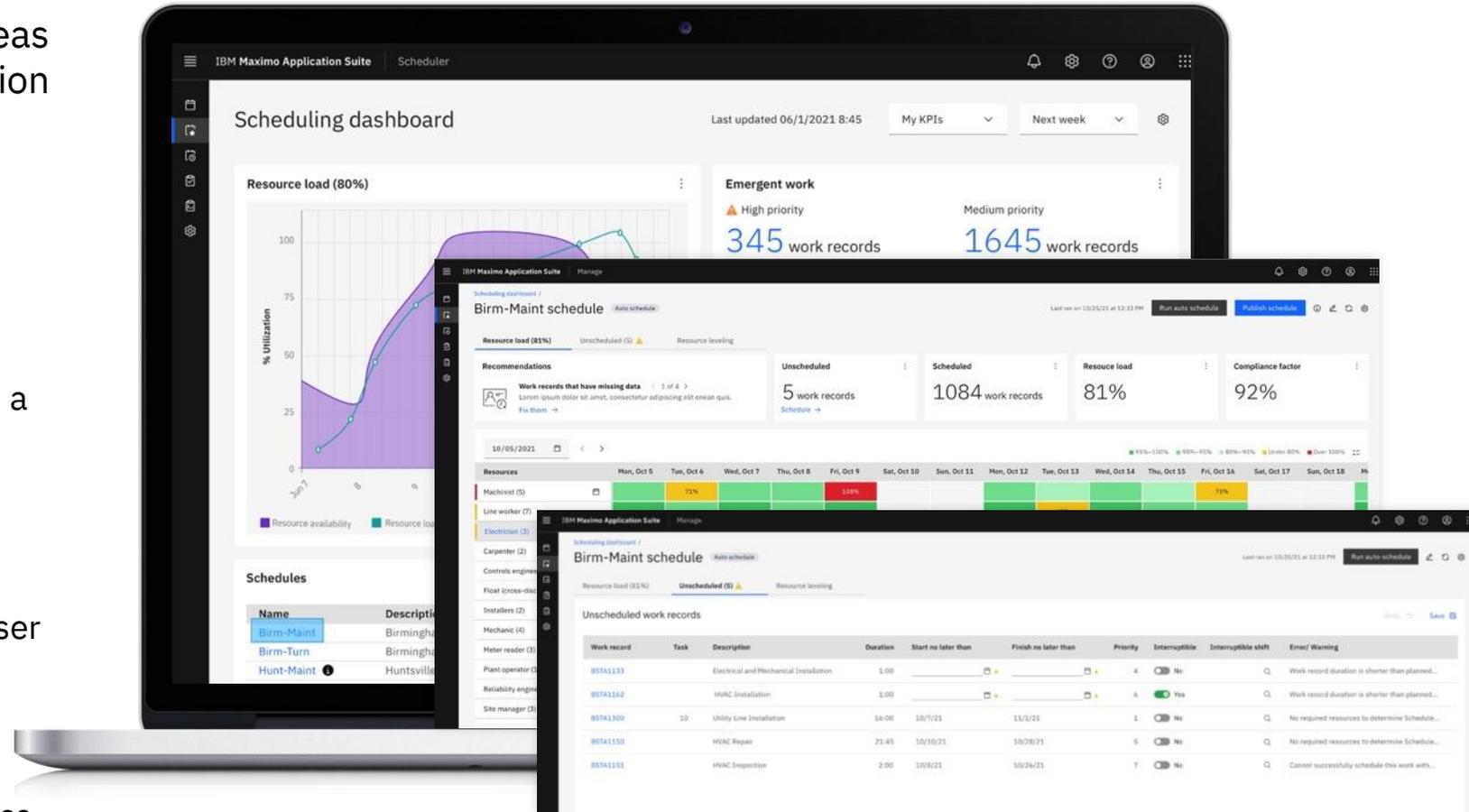
Scheduling Dashboard

Role Based Application

Available

A holistic view of schedules, highlighting areas requiring scheduler's attention with navigation to detailed schedule.

- Optimization initiated by the scheduler or at specific times using configurable parameters. The results of the [optimized schedules are shown by resource load](#) and resource levelling.
- Resource load and availability is presented as a heat map, [clearly indicating areas of concern](#)
- Resource levelling provides the user with an [interactive graphical view](#)
- Unscheduled work records are listed with the errors or warnings in a table that allows the user to fix inline
- Ability to bring work into the [schedule from a backlog](#)
- [Compliance reporting](#) with configurable metrics
- Leverages existing objects and methods of core applications. Ability to navigate to classic applications for details and additional modifications when necessary

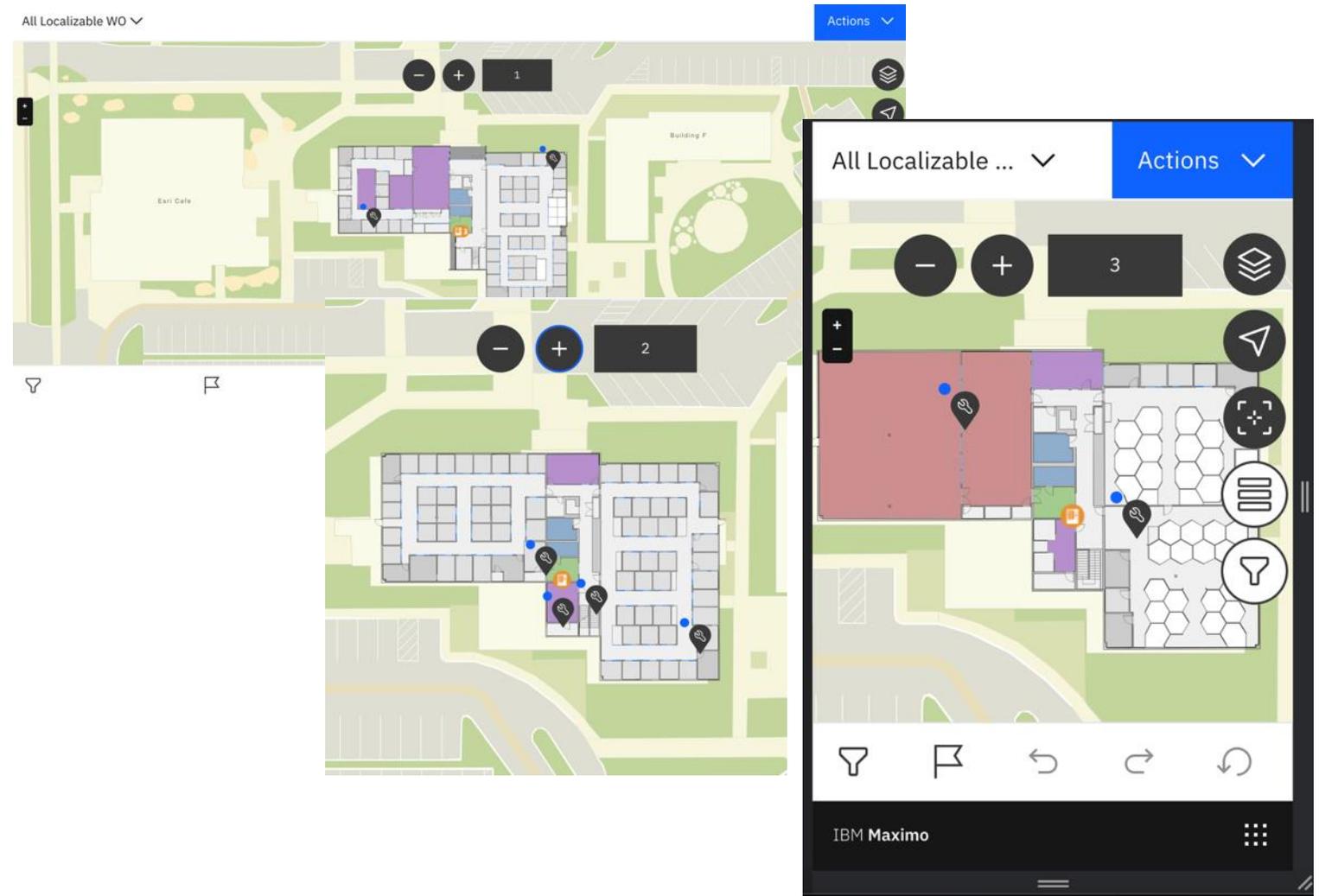


Spatial – ESRI Indoor mapping

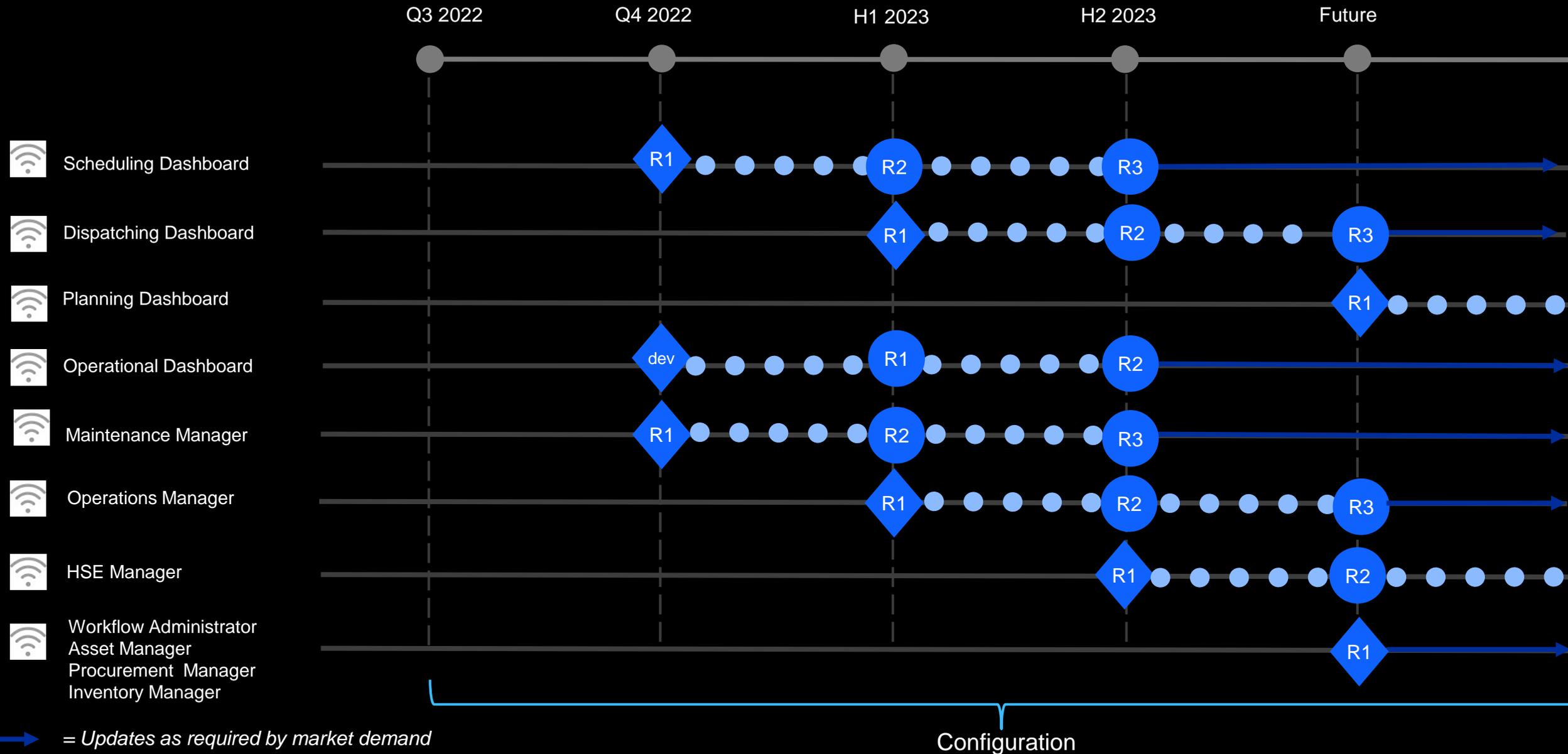
Available

Maximo Spatial

- Support for ESRI Indoor GIS
- Quickly find and validate work locations
- Area Isolation scenarios
- Indoor Positioning for proximity and routes
- Access through MAP tab in existing Mobile and Desktop applications – supports online and offline access



Roadmap to Expand Role Based Applications



MAS Maximo Mobile

Available

- Next Generation User Experience
- Also works with Maximo 7.6.1.2+



1 application,
1 role-based interface



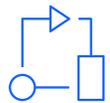
Connected
and disconnected



Intelligent workflows =
blue button



Trustworthiness: data quality
is higher, and real-time updates



Intelligent forms =
configurability

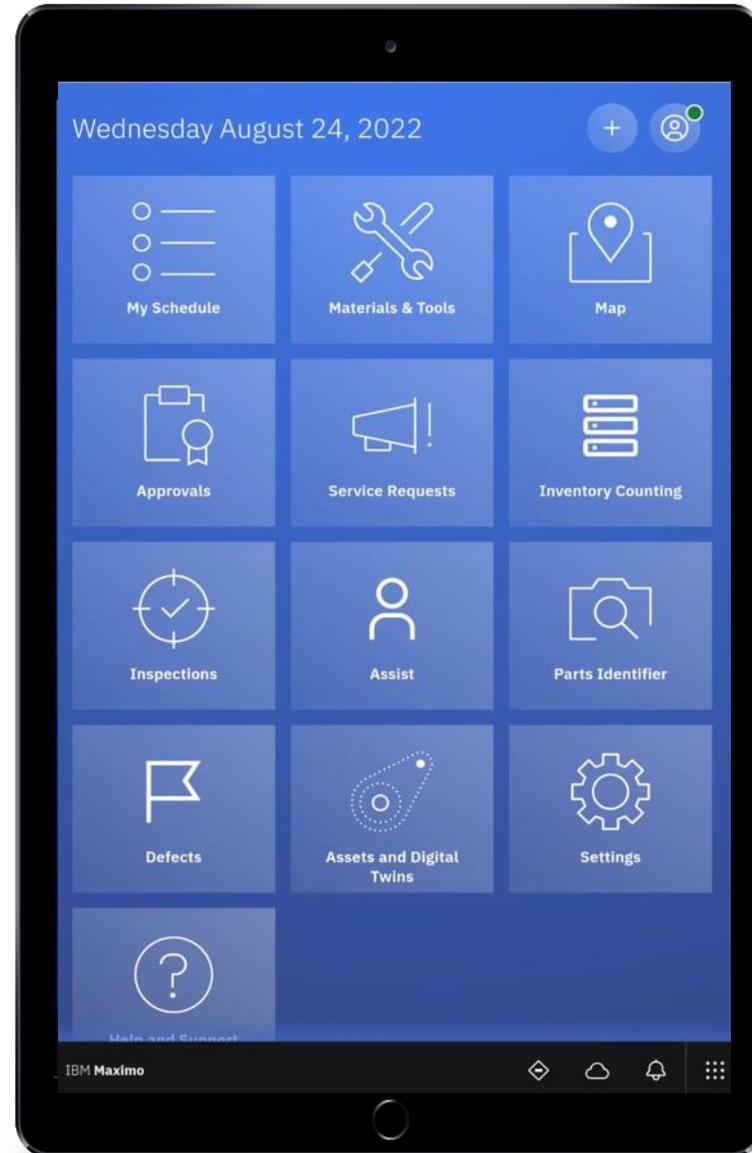
Downloadable from:



Apple App
Store



Google Play
Store



Continuing to deliver on mobile applications

Available



• Technician

- Create material Requests with multiple materials
- Confirm the work is completed thru Physical Signature
- View history of location work orders
- Report tool actuals
- Scan RFIDs on the work order

• Inspection

- Create forms based on legacy paper inspection requirements.
- Ensure accuracy with visual indicators – icons and colors to match responses
- Watson capabilities provide conversation interaction for hands-free capabilities
-

• Work Approvals

- Review work
- Approve work.

• Service Request

- Ability to create service request
- Choose from predefined problem types
- Attach images
- Quickly identify status on open active requests

Inspections

Available

- Create forms based on legacy paper inspection requirements.
- Ensure accuracy with visual indicators – icons and colors to match responses
- Watson capabilities provide conversation interaction for hands-free capabilities

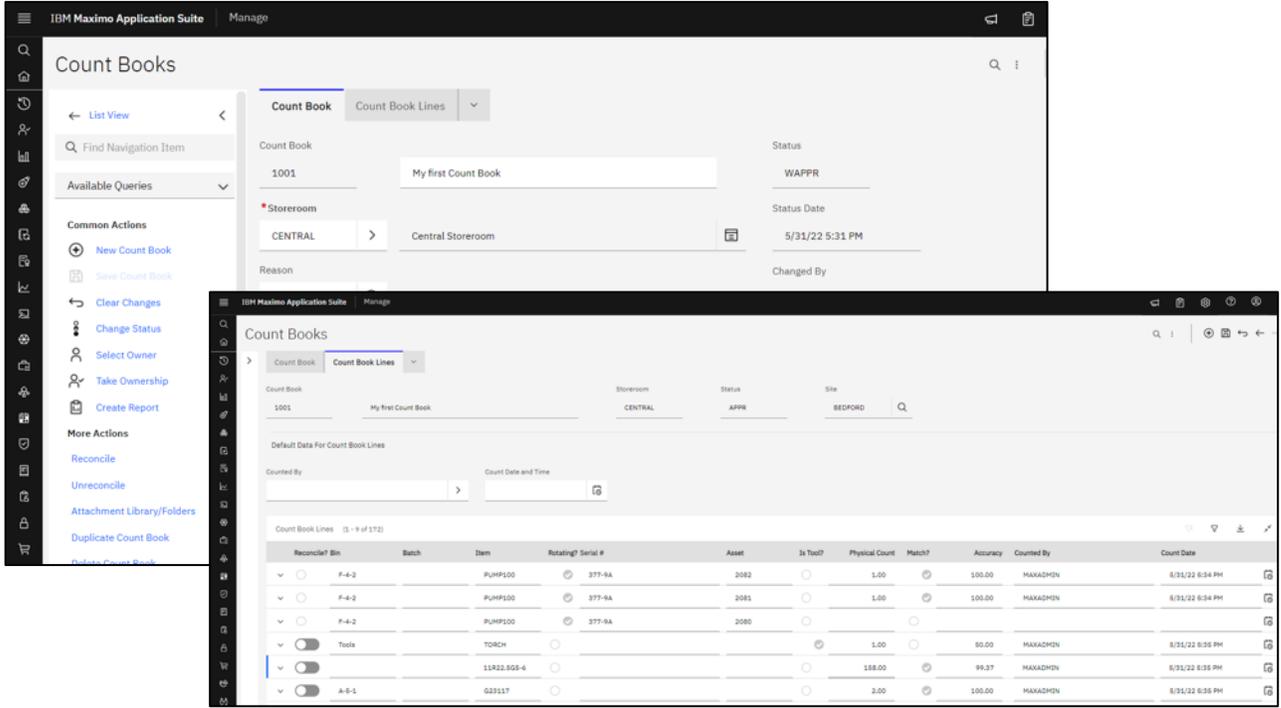
The image displays three overlapping screenshots of a mobile application interface for inspections. The top-left screenshot shows a list of inspection records under the heading 'In Progress' with 15 records. The middle screenshot shows a detailed view of a 'Pump Inspection' for 'PM T1089', including a due date of 'Today, October 22, 2021' and a location '11430 00 BR430 Condensate Return Pump-Centrifugal/100GPM/60FTHD'. The form includes sections for 'External Section', 'Leaks', 'Electrical connections', and 'Corrosion', each with visual indicators (checkmarks, thumbs up/down, warning icons) and a 'Please describe' text field. The bottom-right screenshot shows a 'Previous results' screen with a 'Complete' button and a list of three records for the question 'Any signs of leak?'. The records are: 'Yes' on October 21, 2021; 'No' on October 21, 2021; and 'No' on October 22, 2021. A '1 required of 1' indicator is visible. The IBM Maximo Mobile logo is present at the bottom of each screenshot.



Storeroom Clerk

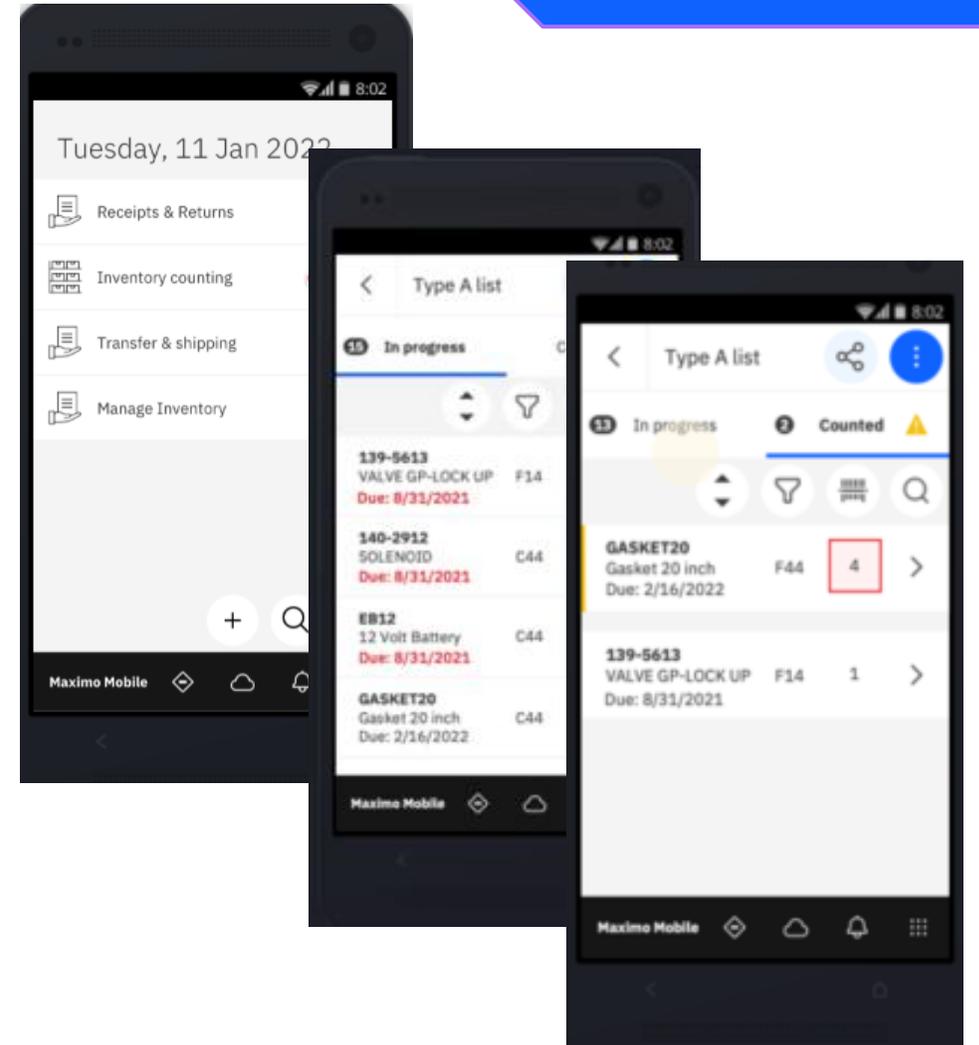
Inventory Count Books – Inventory Counting

Available



A *count book* is a list of items in a storeroom for which you want to periodically record inventory physical counts.

You can check the accuracy of the system-calculated balances relative to the physical counts and reconcile the differences.



Accept materials being delivered (or returned) and inspect quantity and quality in one place efficiently

Adaptive UI and Configuration of the Maximo Application Framework

Available

Applications that use the new Maximo Application Framework can be configured to add new fields, update labels, or even duplicate an application to make it your own.

Drive Efficiency at Scale



Accelerate adoption



Protect your investment



Quicker time to value

The screenshot displays the IBM Maximo Configuration interface for a work order. The main content area shows a configuration card for a work order titled "Generator Overhaul" with a priority of "Priority 1". The card includes a due date of "Due tomorrow. Due March 18, 2020." and a location of "11230 Emergency Generator Main Boiler Room" in "Orlando, FL". The interface is designed for a tablet view, as indicated by the "Tablet" label and the "Increase content length" toggle. The left sidebar lists various work center pages and templates, with "Work order list" selected. The right sidebar shows the "Edit card" options, including "Name" (Work Order), "Description" (This is a card.), and "Touchpoints" (Attachments, Map view, Materials & tools, Meter readings, Work log notes). The "Action" section includes "Change status", "Start/stop work", and "Z action".

Maximo application framework configuration

Configuration Capabilities:

- XML Editing Page
- Component Property Editor
- Duplicate Application
- Customization enablement
- Preview changes
- Upgrade Tooling (XML Diff)

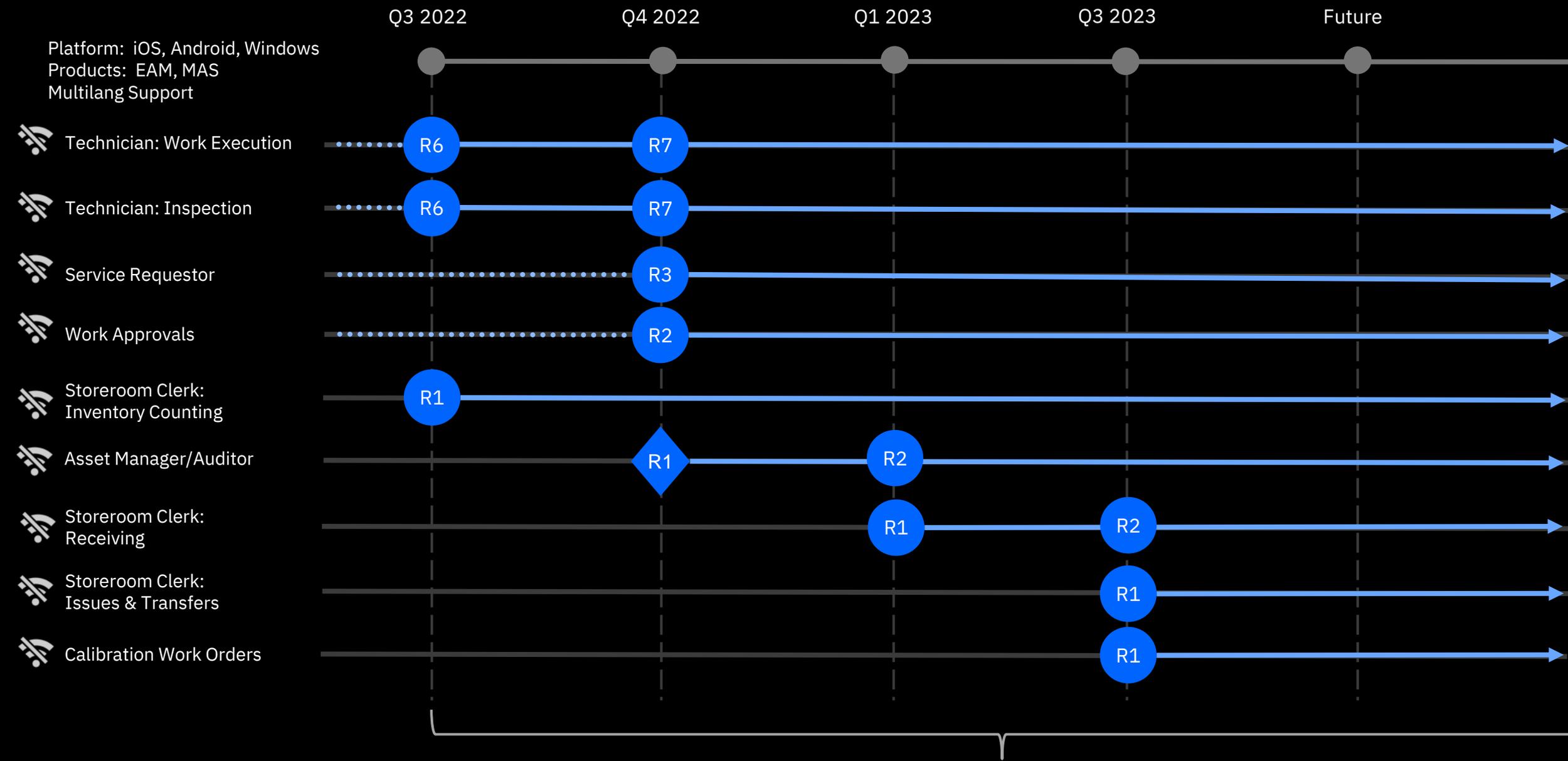
The image displays the IBM Maximo Application Configuration interface, which is used for managing and configuring applications. It is divided into several main sections:

- Application list:** A table showing a list of applications. The visible entries are:

App name	Description	Status	Last update	Last updated by	Version	Revision
CIMOBILEDFFECT		ACTIVE	2022-02-04T07:...	UPDATEDB	8.3.0.0	0
INSPECTION	Inspections	ACTIVE	2022-02-04T07:...	UPDATEDB	8.7.0.0	0
- XML Editing Page:** A section for editing the application's XML configuration. It shows a tree view of components on the left and an XML editor in the center. The XML code includes:

```
</data-list>
<border-layout fill-parent="true" hidden="{page.state.
hideToolMaterial}" id="vn3bv">
  <top horizontal-align="center" id="pe65z">
    <box direction="row" vertical-align="center"
horizontal-align="center" padding-top="15" id="p77kb">
      <label label="No planned materials or tools."
padding="default" theme="20-regular" id="eqear"/>
    </box>
  </top>
</border-layout>
```
- Properties editor:** A panel on the right for editing properties of the selected component. It shows fields for *id (workOrderDetails), comp-group-valid-chg (Enter the value), and controller (WorkOrderDetailsCo).
- Mobile App Preview:** A section at the bottom showing a preview of the mobile application. It displays a list of work items, including "Get materials & tools" (109 records) and "Calibration 102 CAL 1160".

Roadmap to Expand Maximo Mobile



= Updates as required by market demand

Mobile Platform and Enhanced Configuration Tool

Maximo Assist

Available

Empower technicians to work autonomously by enabling them to obtain AI guidance whenever they need it



Engineering process:
Root Cause Failure Analysis (RFFA)
Failure Modes Effects Analysis (FMEA)



Custom training repository



Journals, magazines



Customer service/helpdesk data



Ask expert technician

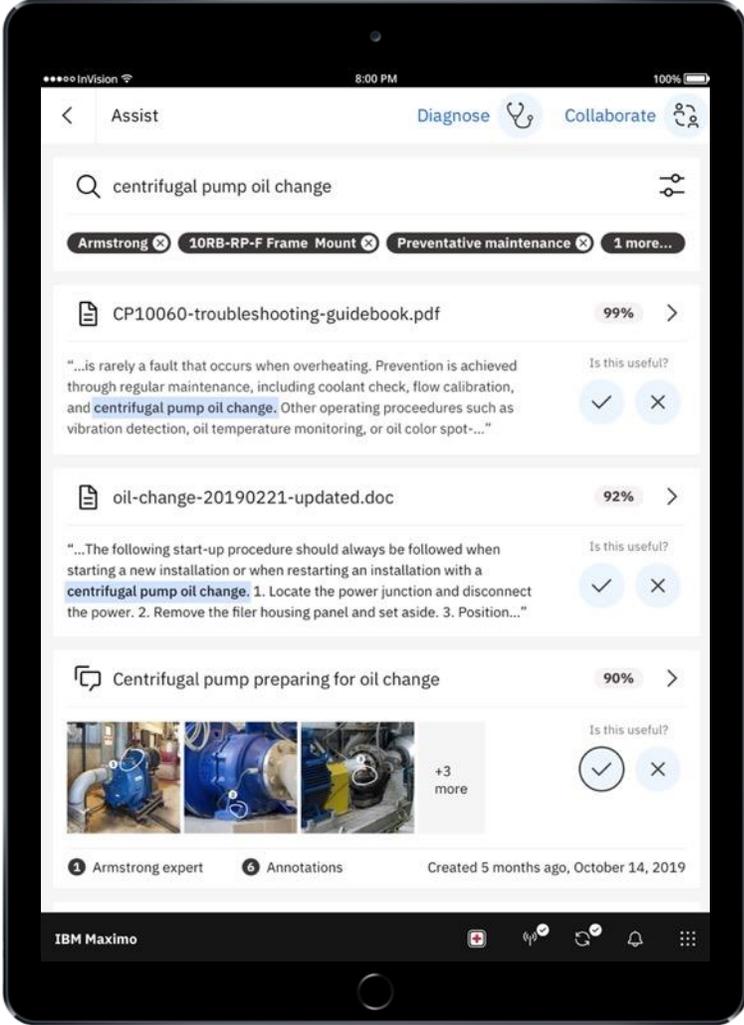


Historical work orders
(EAM data)



Manufacturer and owner manuals, engineering manuals

Benefits: Reduce mean time to repair, boost first time fix rates, improve technician productivity



Assist Remote Guidance

Available

for additional assistance, whenever you need it,
wherever you need it



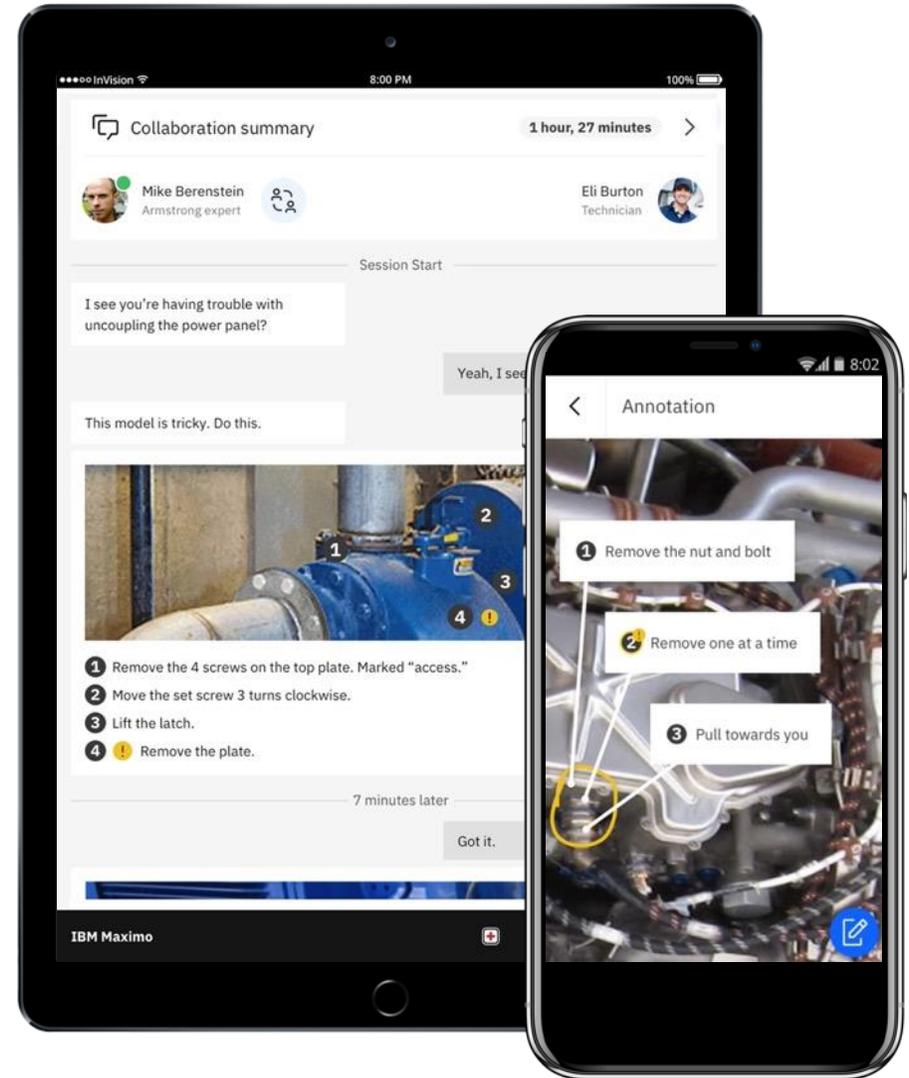
Remote Guidance session history [attached to the Maximo work order](#) for future reference and added to AI knowledge base



[Capture your expert knowledge](#) and make it searchable next time a similar incident occurs



Enhance experience for new technicians and help [every technician perform like your best technician](#)



Maximo Application Suite – Parts Identifier

Available

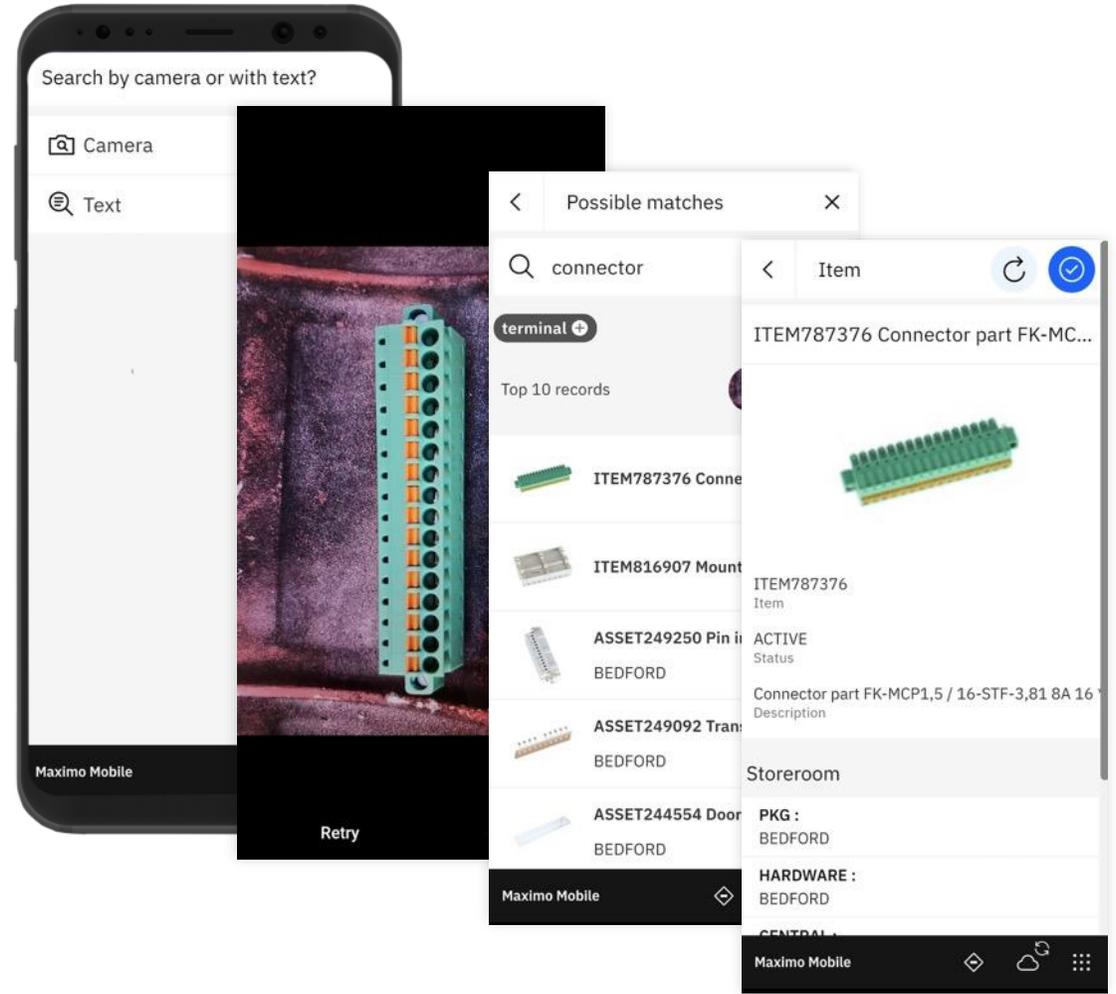


What is a Parts Identifier ?

A unique integrated feature of Maximo Mobile that allows mobile workforces to precisely identify assets and components immediately and correctly using AI, on industrial environment.

With Parts Identifier, technicians spend

90% less time
searching for parts.



IBM Appconnect supporting integration scenarios

Enables data interchange use case(s) between MAS and other solutions

- Between IBM Solutions
 - MAS to TRIRIGA
 - TRIRIGA to Envizi
 - MAS to Envizi

- Between IBM and 3rd Party Solutions
 - MAS to Workday

- **Transformation** - Flows capture business logic
- **Mapping** - Map resource data from a source to a target (inbound and outbound)
- Triggered via schedule or Web invoked API



Maximo EAM Lifecycle Updates

	DESCRIPTION	DATE
Announce End of Market (EOM & EOS)	Announcement Letter published IBM Announcement Letter #922-024	April 12, 2022
End of Marketing (EOM)	Parts are no longer available for purchase	April 19, 2024
End of Support (EOS)	Update Support Plans and Lifecycle page	Sept 30, 2025

R 7.6.1



R 7.6.0

On September 8, 2020, 7.6.0 end of support was announced via [IBM Announcement Letter # 920-136](#).

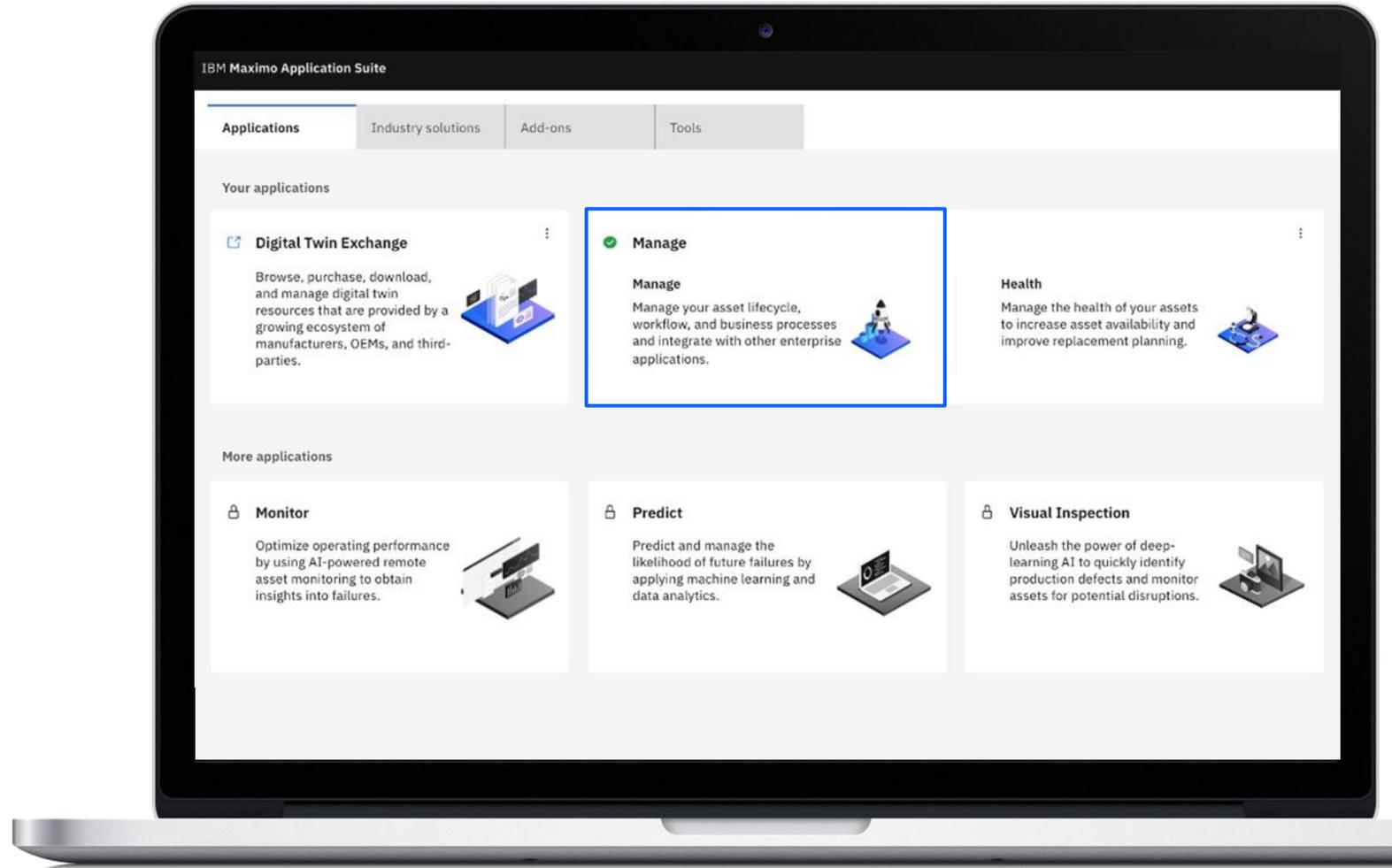


Upgrading to Manage in the Suite

Maximo Manage is part of the Maximo Suite: Best of class capabilities to provide a complete view of your assets

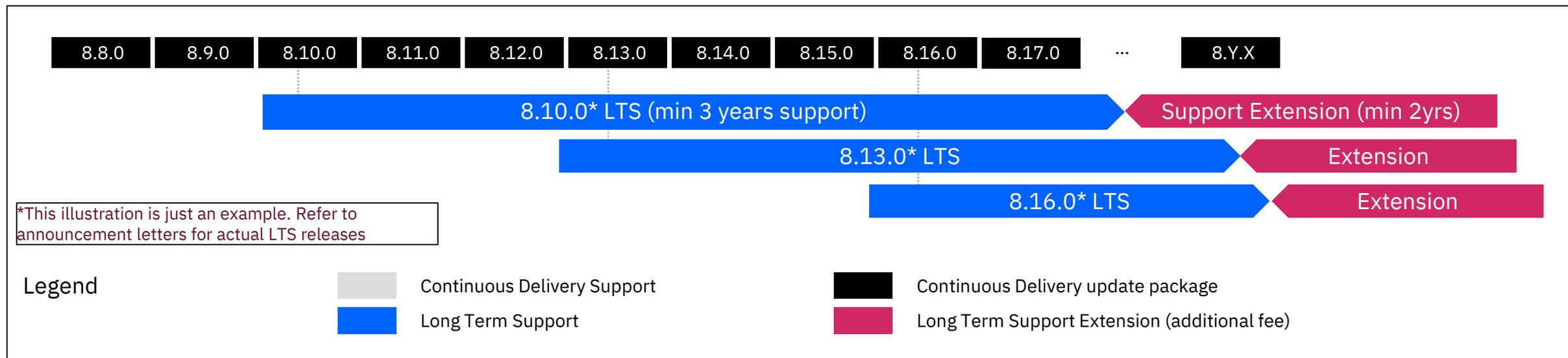
Manage in the Suite

- New installation process at the MAS level
- Deployed on Red Hat OpenShift Container Platform (OCP)
- Authentication and User Management moved to the MAS level
- Modernized user experience to align with rest of the Suite
- Improved serviceability for monitor and logging options



IBM Maximo Application Suite continuous delivery support

Starting with MAS v8.7



- MAS v8.7 signifies a change of lifecycle support policy from ‘IBM Standard’ to ‘IBM Continuous Delivery’
- CD update packages (v8.x) incrementally deliver new capability.
- Regular maintenance releases (v8.x.y) deliver defect fixes for the most recent two updates.

- A CD update package may be declared a Long-Term Support (LTS) release, which is supported for a minimum of 3 years.
 - LTS releases just receive security and defect fixes with no incremental functional enhancements.
- If a CD update package is no longer eligible for defect fixes, update to a package that is eligible, and if the defect can be recreated, a fix will be provided.

MAS Support Lifecycle Policy statement: <https://www.ibm.com/support/pages/ibm-maximo-application-suite-software-support-lifecycle-policy>

Red Hat OCP Support Lifecycle statement: <https://access.redhat.com/support/policy/updates/openshift>

IBM Support Policy definitions: <https://www.ibm.com/support/pages/node/718165>

Upcoming Maximo User Group Events



MaximoWorld 2023



March 15-16 – [PACMUG, Los Angeles, CA](#)



April 5-6 – [LV MUG - Las Vegas, NV](#)

April 11-13 – [GoMaximo - Houston, TX](#)



April 17-20 – [Maximo Utility Working Group \(MUWG\) - Dallas, TX](#)

May 3-4 – [SWMUG – Phoenix, AZ](#)



May 9-10 – [CanMUG – Toronto, ON](#)

May 11-12 – [NEMUG - Philadelphia, PA](#)



May 16 – [SoCAL – TBD](#)

May 17-18 – [WMMUG – Denver, CO](#)



May 18 – [NorCal – TBD](#)

May 24-25 – [UK & Ireland MUG](#)



June 8 – [GA MUG – Marietta, GA](#)



June 15 – [FL MUG – Orlando, FL](#)

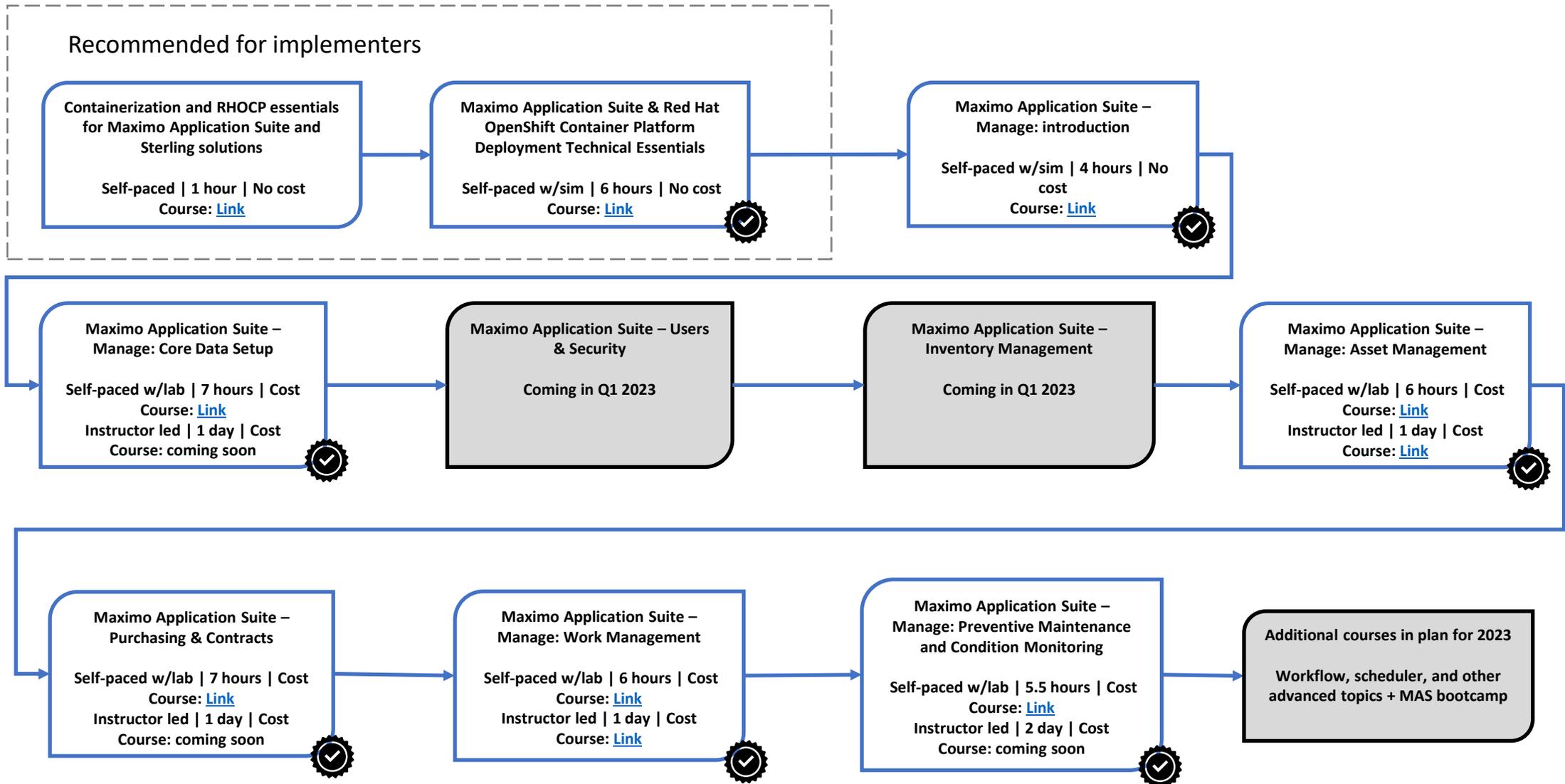
Q&A

Roadmaps & learning

Technical education & certification

IBM Maximo Application Suite – Manage 8.x

Technical education recommended roadmap



Technical certification

Maximo v7.6

**IBM Maximo Asset Management V7.6
Infrastructure and Implementation**
(including prep material)

Self paced | Exam fee
Credential: [Link](#)



**IBM Maximo Asset Management v7.6
Functional Analyst**
(including prep material)

Self paced | Exam fee
Credential: [Link](#)



Maximo Application Suite

**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](#)



**IBM Maximo Visual Inspection v8.3
Developer Specialty Exam**
(including prep material)

Self paced | Exam fee
Credential: [Link](#)



IBM Maximo Application Suite

Technical education brief

Maximo Application Suite (MAS)				
System Users / Administrators / Consultants				
Course Title	Duration	*Format	Cost	Badge
Introduction to Maximo Application Suite (DL43003G)	3 hours	Self-paced	No cost	Yes
Containerization and RHOCP essentials for Maximo Application Suite and Sterling solutions (DL25607G)	1 hour	Self-paced	No cost	Yes (for series)
Maximo Application Suite & Red Hat OpenShift Container Platform Deployment Technical Essentials (DL25608G)	6 hours	Self-paced	No cost	Yes (for series)
IBM Maximo Visual Inspection Overview (DL43001G)	.5 hours	Self-paced	No cost	No
Getting started with IBM Maximo Visual Inspection v2 (MAX4313G)	2 hours	Self-paced	Cost	Yes
Getting started with IBM Maximo Asset Performance Management v2 (MAX4311G)	5 hours	Self-paced	Cost	Yes
IBM Maximo Monitor solution overview (DL43005G)	.5 hours	Self-paced	No cost	No
IBM Maximo Health and Predict solutions overview (DL43006G)	1.5 hours	Self-paced	No cost	No
IBM Maximo Mobile solution overview (DL43008G)	.5 hours	Self-paced	No cost	No
Getting started with Maximo Mobile v2 (MAX4312G)	4 hours	Self-paced	Cost	No

IBM Maximo Application Suite

Technical education brief

Maximo Application Suite (MAS) Manage

System Users / Administrators / Consultants

Course Title	Duration	*Format	Cost	Badge
Maximo Application Suite Manage introduction (DL25606G)	4 hours	Self-paced	No cost	Yes
Maximo Application Suite – Manage: Work Management (MAX4315G)	6 hours	Self-paced with lab	Cost	Yes
Maximo Application Suite- Manage: Asset Management (MAX4316G)	6 hours	Self-paced with lab	Cost	Yes
Maximo Application Suite – Manage: Preventive Maintenance and Condition Monitoring (MAX4317G)	5.5 hours	Self-paced with lab	Cost	Yes
Investment Optimization for Maximo Application Suite – Manage (DL25609G)	.5 hours	Self-paced	No cost	No
Maximo Application Suite – Manage: Work Management (MAX4318G)	1 day	Instructor led	Cost	Yes
Maximo Application Suite – Manage: Asset Management (MAX4319G)	1 day	Instructor led	Cost	Yes

IBM Maximo Application Suite

Technical education brief

Maximo Manage / Enterprise Asset Management (EAM)

Course Title	Duration	*Format	Cost	Badge	By role		
					System Users	Administrators	Consultants
IBM Maximo 7.6 - Introduction and Overview (W0117G)	2.5 hours	Self-paced	No cost	Yes	X	X	X
IBM Maximo 7.6 - New Features (W0111G)	5 hours	Self-paced	No cost	Yes	X	X	X
IBM Maximo 7.6 - Asset Management (W0106G)	3 hours	Self-paced	No cost	No	X		X
IBM Maximo 7.6 - Workforce Management (W0101G)	3 hours	Self-paced	No cost	Yes	X		X
IBM Maximo 7.6 - Safety Management (W0102G)	2 hours	Self-paced	No cost	Yes	X		X
IBM Maximo 7.6 - Contract Management (W0115G)	5 hours	Self-paced	No cost	Yes	X	X	X
IBM Maximo 7.6 - Managing Items in Inventory (W0108G)	2.5 hours	Self-paced	No cost	Yes	X	X	X
IBM Maximo 7.6 - Email Communications (DL88129G)	3 hours	Self-paced	No cost	No	X		X
IBM Maximo 7.6 - Corrective Maintenance Work (W0112G)	3.5 hours	Self-paced	No cost	Yes	X		X
IBM Maximo 7.6 - Managing Storeroom Inventory (W0104G)	3.5 hours	Self-paced	No cost	No	X		X
IBM Maximo 7.6 - Purchasing (W0117G)	2 hours	Self-paced	No cost	No	X		X
IBM Maximo 7.6 - Scheduler (DL88177G)	4 hours	Self-paced	No cost	No	X		X
IBM Maximo 7.6 – Multi-Organization and Site Setup (W0113G)	4 hours	Self-paced	No cost	Yes		X	X
IBM Maximo 7.6 – Preventive Maintenance (W0116G)	5 hours	Self-paced	No cost	No		X	X
IBM Maximo 7.6 – Workflows (W0103G)	8 hours	Self-paced	No cost	Yes		X	X
IBM Maximo 7.6 – Database Configuration (W0114G)	4 hours	Self-paced	No cost	Yes		X	X
IBM Maximo 7.6 – Security Model (W0107G)	2.5 hours	Self-paced	No cost	Yes		X	X
IBM Maximo 7.6 – Domains and Lookups (W0105G)	3 hours	Self-paced	No cost	No		X	X

IBM Maximo Application Suite

Technical education brief - certification

Maximo Certification Exams	
PWID #	Cert Exam
24018002	IBM Maximo Asset Management V7.6 Infrastructure and Implementation
24018301	IBM Maximo Asset Management v7.6 Functional Analyst
S0011000	IBM Maximo Visual Inspection v8.3 Developer Specialty Exam
C4018302	IBM Certified Deployment Professional - Maximo Manage v8.0
C9002600	IBM Certified Administrator - Maximo Manage v8.x

IBM Maximo Application Suite

Additional resources

Category	Resource	Link
General	IBM Internet of Things Community <ul style="list-style-type: none">• Events	Website: Link Events: Link
General	IBM Business Operations Blogs > Asset Management	Blogs: Link
General	IBM Training > Maximo Application Suite	Website: Link
General	Documentation <ul style="list-style-type: none">• Maximo Asset Manager• Maximo Application Suite	Website: Link Website: Link
Technical education	Playbook for Maximo EAM Upgrade	GitHub: Link
Technical education	IBM Maximo Labs	Bluemix: Link
Technical education	IBM Developer: Maximo Application Suite Tutorials	Website: Link
Technical education	*Maximo Secrets by Andrew Jeffery, IBM Champion	Website: Link
Technical education	*MaximoDev by Bruno Portaluri, IBM Champion	Website: Link

*Content on this site is not developed by IBM. The information available is solely that of the author.

Maximo Digital Learning Subscription

Whether you are an enterprise seeking to get your team up-to-speed or a single individual seeking to build skills for your career, a 12-month subscription to the Maximo Digital Learning catalog of courses can save you time and money.

- **Maximize your investment:** Maximize your investment in IBM Maximo solutions. Bring your newly-acquired solutions to life. Pay one price for a 12-month learning subscription. Realize built-in savings compared to individual course purchases.
- **Build expertise, stay current:** Develop skills through flexible learning plans based on your goals, schedule, and budget. Get easy, on demand access to eLearning with hands-on labs included for 12 months. Close the skills gap. Meet your talent and skills transformation goals.
- **Personalize the learning experience:** Prepare for major IT initiatives or learn when needed during a project deployment. Choose courses that map to your learning journey and desired role. Prepare to be a certified professional.
- **Adopt a flexible and modern approach:** Move at your pace. Choose self-paced courses with hands-on labs and web-based courses during your subscription. Choose learning when you are available. A modern approach to learning with IBM.
- **Cost savings:** Pay one price for 12-month subscription. Save up to 45% over purchasing the courses individually.

To learn more about the IBM learning subscriptions and how to purchase, please visit the Maximo subscription pages on IBM.com:

[IBM Maximo Individual Learning Subscription](#)

[IBM Maximo Enterprise Learning Subscription](#)

Individual subscription

- Individual student access to digital learning course material for 12 months for one fixed price.
- Student can take up to 9 digital courses from the Maximo DLS catalog.
- List price \$2400 USD

Enterprise subscription

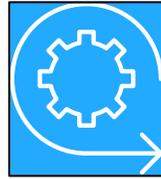
- 30 digital enrollments for up to 30 individual students for 12 months for one fixed price.
- Company Administrator can assign and track up to 30 courses to enterprise employees.
- List price \$12,504 USD

AI Apps on OpenShift– Delivering Expanded Value

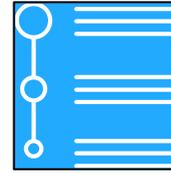
Scale your operations with optimized resources

38% percent lower infrastructure

35% less IT staff time per application



Operations



Management

Manage Deployment Lifecycle through single pane of glass

60% increase in IT administrator

Packaged with latest and greatest technology stack

80% reduction in installation effort



Packaging



Containers

Production ready containers built with highest industry standards

80% faster time to market

Secure
&
Integrated

Value - ROI

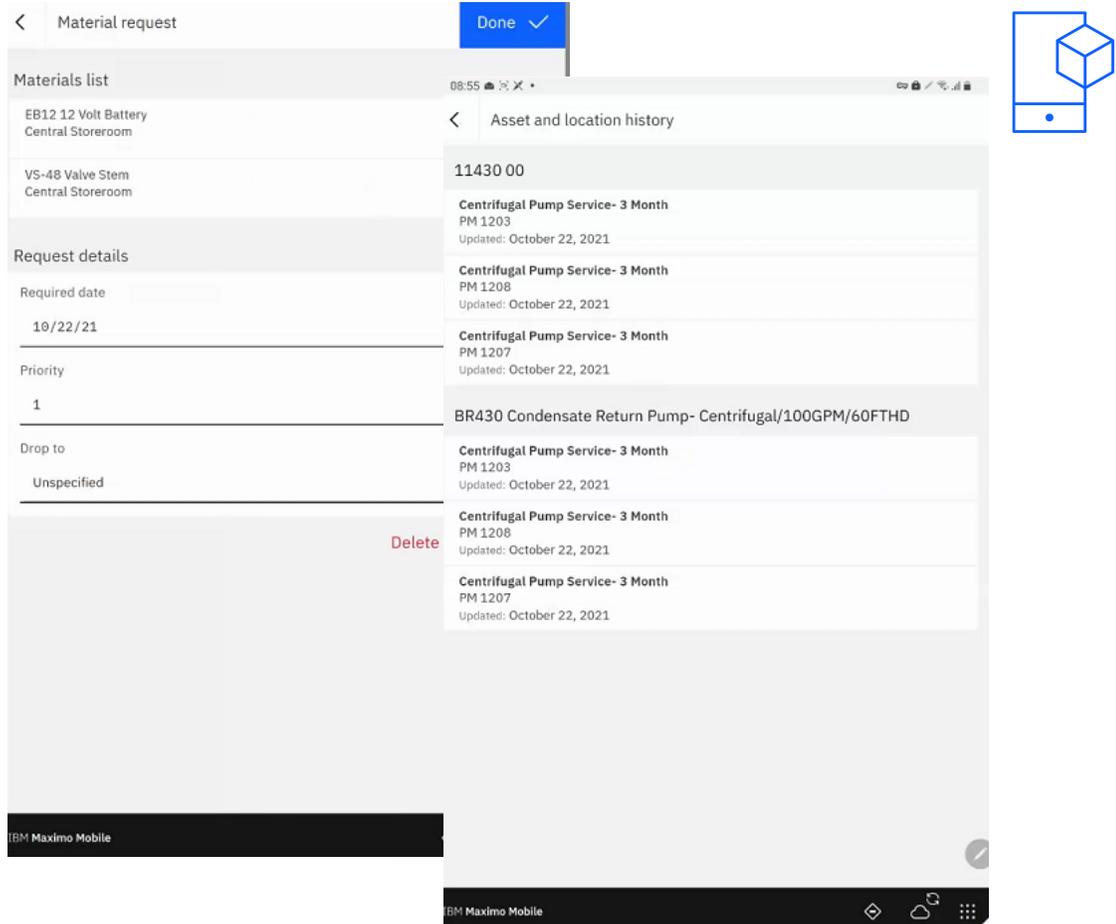
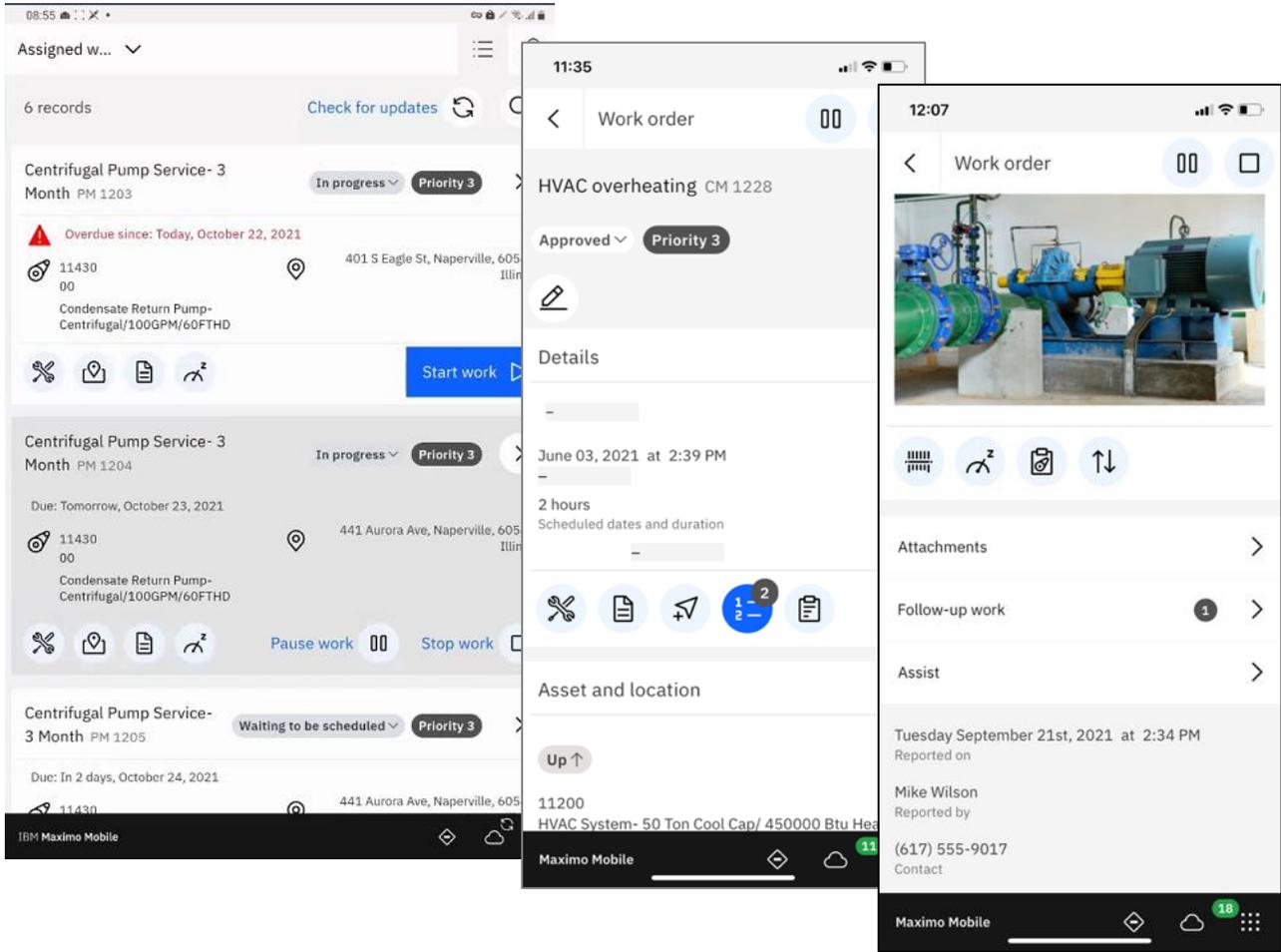
Development-Cost

(*)Sources:

- *Emerging Technology Assessment: The Total Economic Impact of Using Both IBM and Red Hat Solutions Together*, Forrester
- *"The Business Value of Red Hat OpenShift"*, IDC
- *"Delivering Business Value through Transitioning from Managing VMs to Orchestrating Containers"*, Ovum

Technician - My Schedule

Available

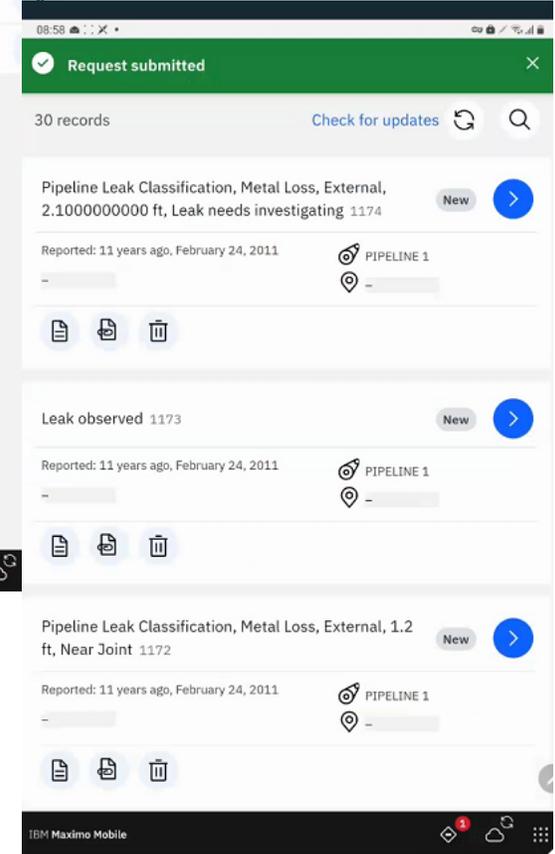
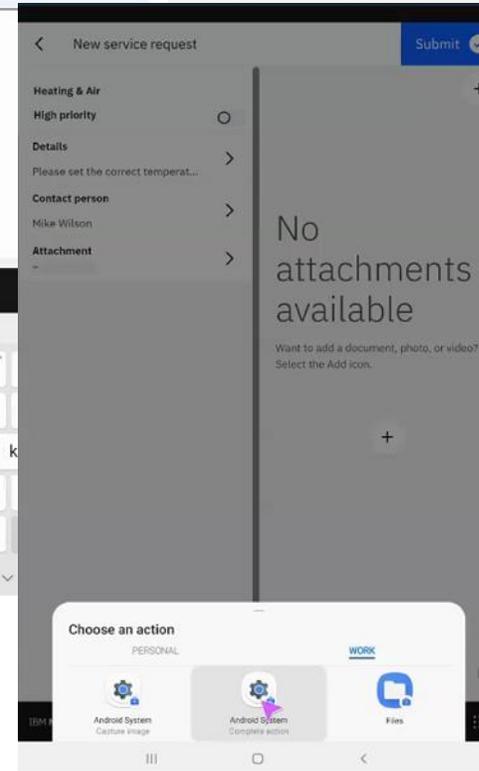
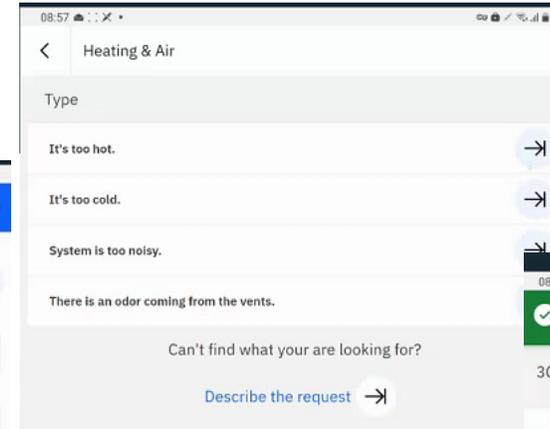
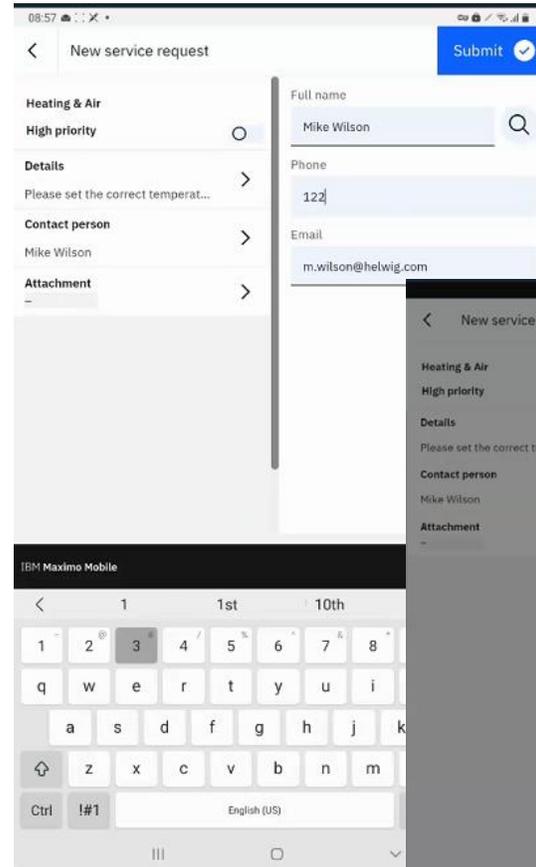
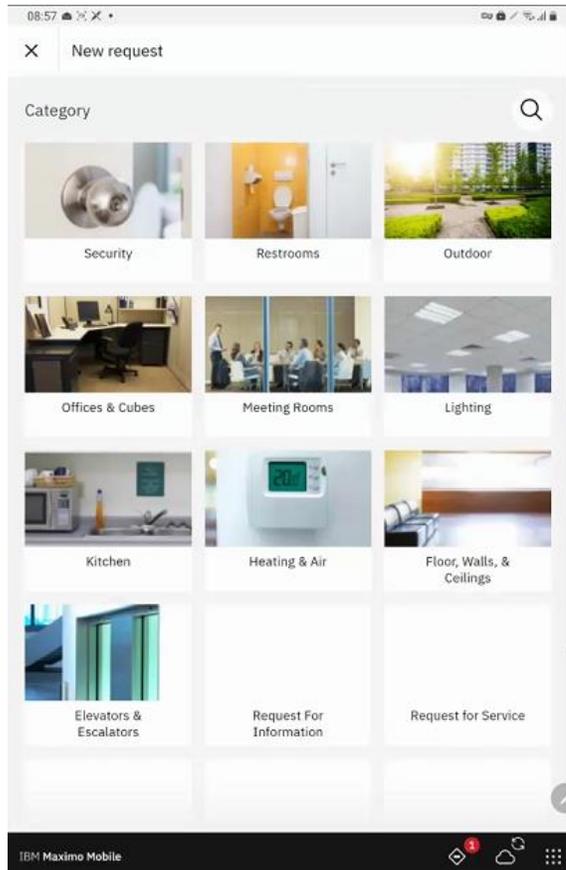


- Create material Requests with multiple materials
- Confirm the work is completed thru Physical Signature
- View history of location work orders
- Report tool actuals
- Scan RFIDs on the work order

Maximo Mobile – Service Request

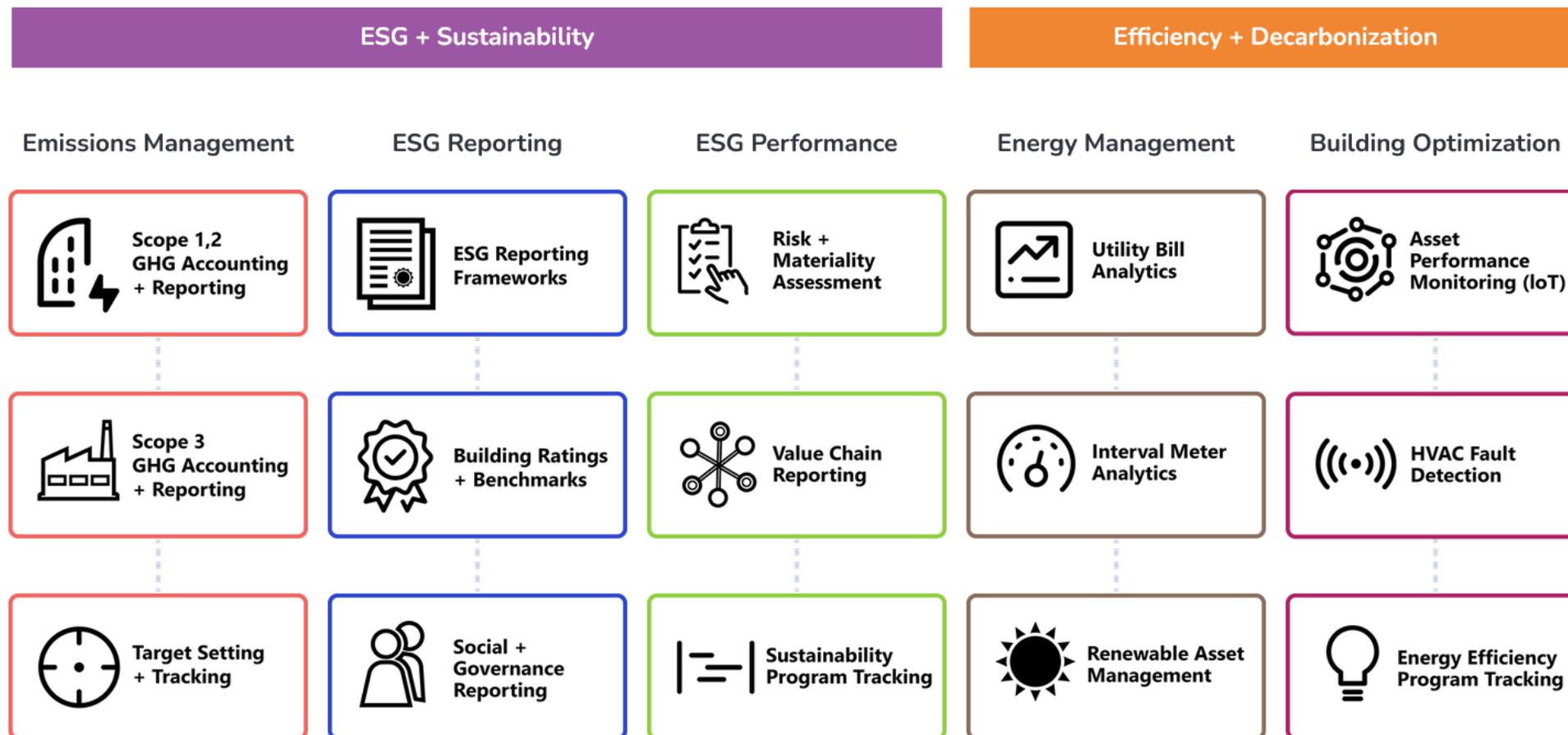
Available

- Ability to create service request
- Choose from predefined problem types
- Attach images
- Quickly identify status on open active requests



IBM envizi

A comprehensive software platform to drive sustainability performance management – whether you need to consolidate your data, streamline reporting, identify efficiency opportunities, or inform business strategy.



For over a decade Envizi has been a global leader in energy and sustainability data and analytics software, providing organizations with a comprehensive platform that enables reporting and management of ESG indicators including energy, greenhouse gases, environmental and social responsibility metrics.

Request for Enhancement migration to 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/>