

IBM Sustainability Software

Maximo Application Suite



*Your Pathway To AI Driven
Asset, Operations, & Maintenance
Performance Management*

April 2024

Define Your Roadmap To Success

IBM

Are You Getting The Most Out Of Your
Maximo Investment?



ABC's of Exploiting Maximo Technology

A

Assess as-is

- current processes, practices, & technology deployment in support of asset operations, maintenance, business management, & value
- application rationalization – current customizations, configurations, integrations, & 3rd party applications with respect to processes, cost and value.
- IT Infrastructure strategy, architecture, & application management strategy.

B

Build the plan

- implementation roadmap
- measurements of success
- deployment plan
- adoption (processes, practices, documentation, training, & support)

C

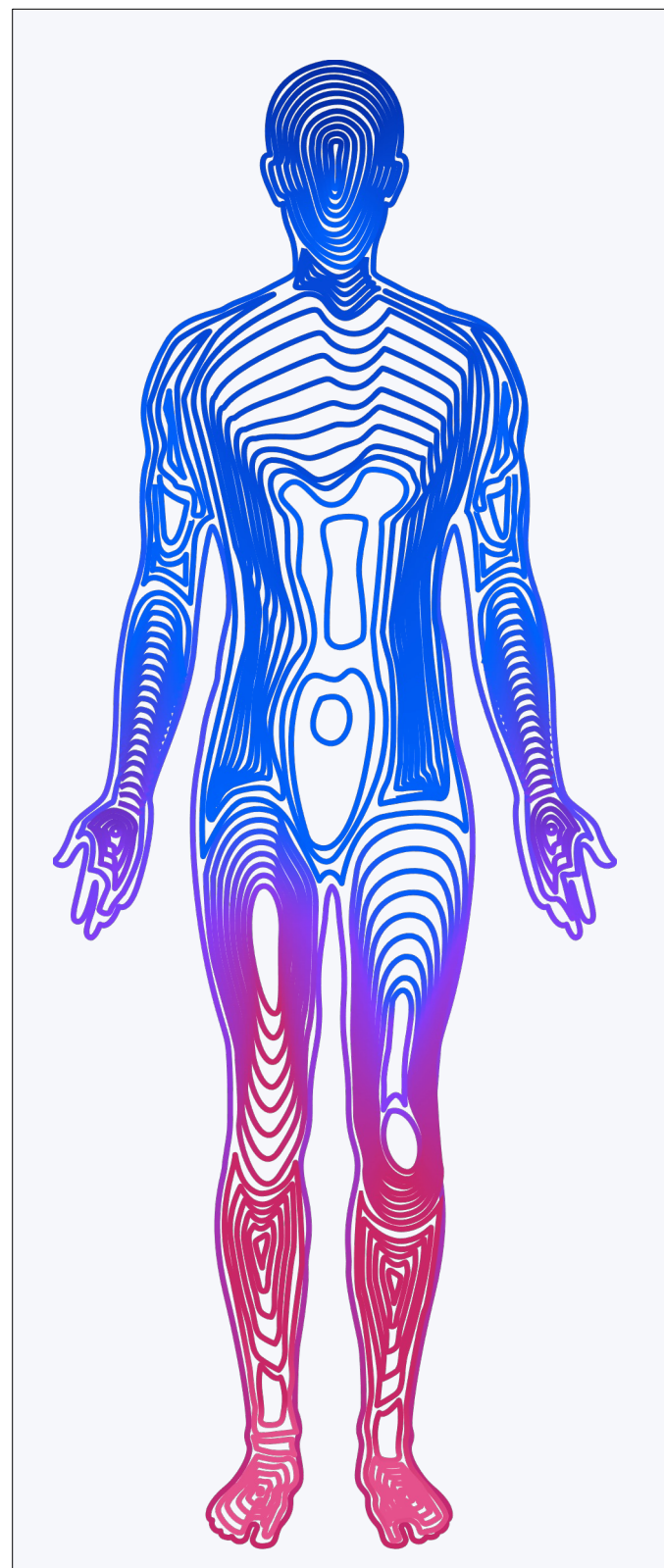
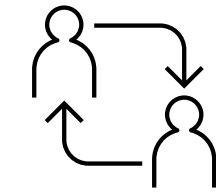
Execute **Change** management

- process simplification with life cycle integration
- Implement best practices
- Organization Change Management – educate, adopt & perform
- Project governance

Implementation Self Assessment : 1,2,3 Approach

1) High Level Health Scan

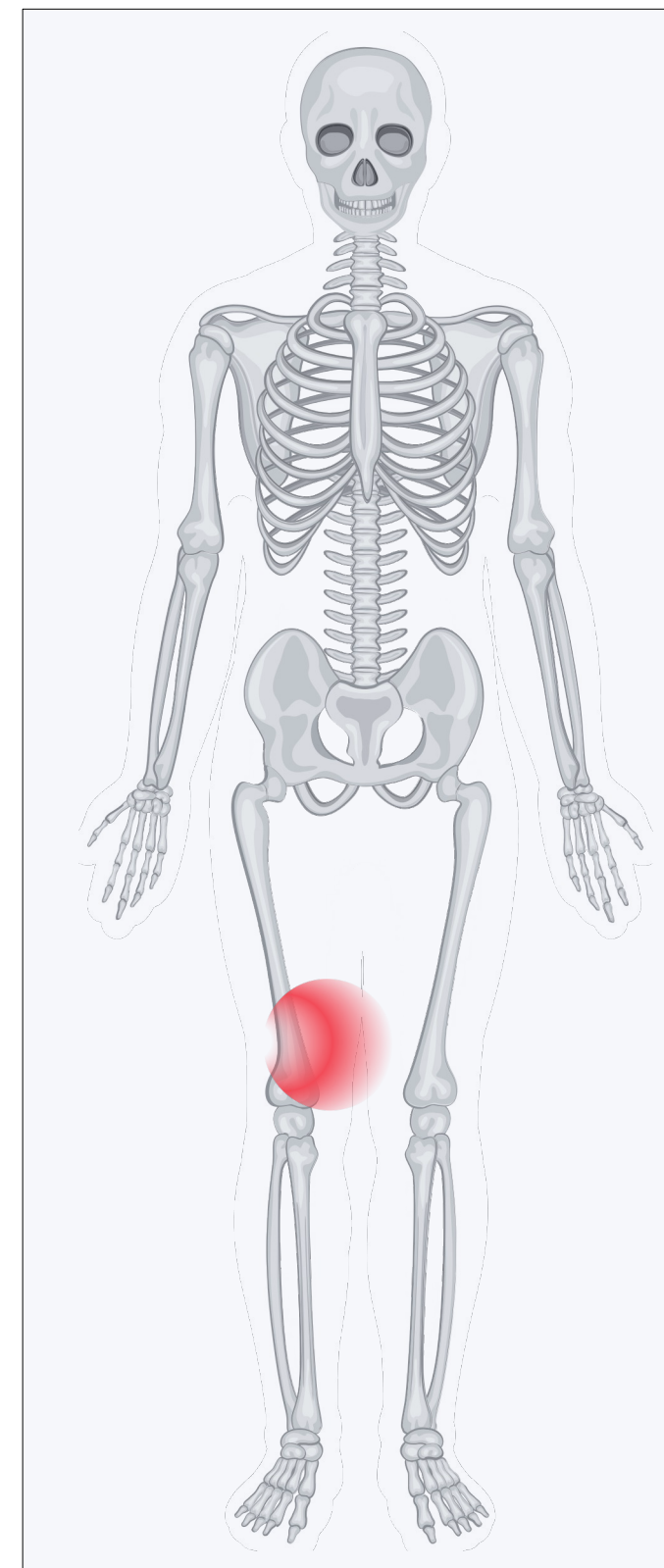
Maturity Self assessment



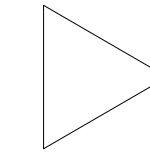
- Business Priorities
- Are objectives being achieved
- Identify areas of needed improvement
- Maturity of deployment / Adoption
- Usage maturity
- Ability to execute (Training)
- Help needed

2) Process Level Diagnostic

Consultative Led Diagnostic

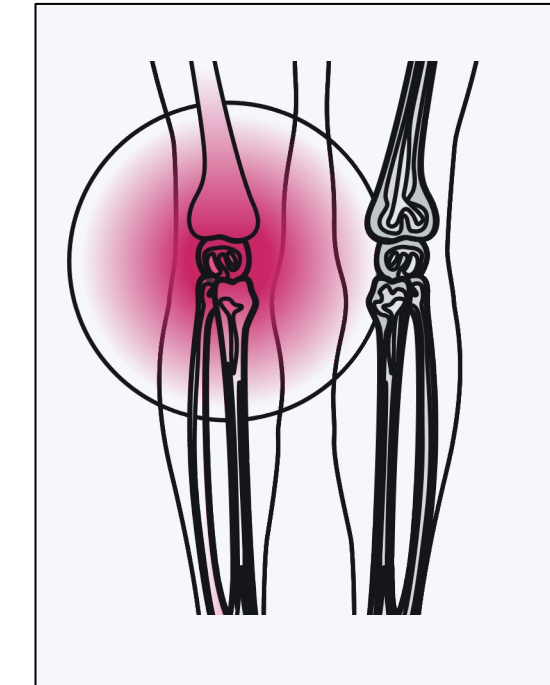


- Identify maturity root condition and impact
- Identify business process areas of improvement and dependencies
- Map current diagnostic, areas of improvement, & priorities
- Determine ability to execute (readiness assessment)
- Define proposed business value (BVA)
- Define next steps



3) Treatment Plan

Solution Design and execution plan - Process Re-engineering, Best Practices, Use Case configuration, ...



- Develop Improvement plan & solution design
- Define execution plan
- Plan execution / development of MVP
- Measure progress / Results against desired outcomes
- Continuous improvement.

Define Your Roadmap To Success

ITBIM

Maximo Discovery Demonstration



Discovery Framework: Artifacts for a plan!

Discovery Map

+ Add Milestone + Add Activity Undo

No Plans to Deploy
 Opportunity to Add
 Value Being Realized
 Follow up Information Needed
 Opportunity to Improve
 Value Not Being Delivered

#2 Demo 7.6.1.3 Assessment Start Template

Business Management	Service Management	Work Order Tracking	Asset Management	Asset Performance Management	Materials Management (Inventory)	Mobile	Maximo Admin	BIM Management
Business Analysis Work Center	Service Requests	Job Plans	Assets	Reliability Engineering Work Center	Item(s) (Master)	Geolocation of labor and crews	Email Lister	BIM Projects application
Reporting	Desktop Requisitions	Work Orders	Asset	Predictive				
KPI Manager	Ticket Templates	Activities and Tasks	Calibrat					
Labour reporting	Service Groups	PMs	Condit					
Quick reporting	SLA Management	Assignment Manager	Relati					
Failure reporting		Master PM	Com					

IBM Blueworks Live Service Agreement

Chuck's Demo Space > #1 Demo Customer Baseline - IBM Maximo 7.6.1.2 Assessment

Discovery Map + Add Milestone + Add Activity Undo Analyze

No Plans to Deploy
 Opportunity to Add
 Value Being Realized
 Follow up Information Needed
 Opportunity to Improve
 Not Yet Assessed

#1 Demo Customer Baseline - IBM Maximo 7.6.1.2 Assessment

Profile	Business Management	Asset Management	Service Management	Work Order Management	Materials Management (Inventory)	Mobile	BIM Management	Contract Management	Asset Performance Management
Business Objectives	Reporting	Assets	Service Requests	Job Plans	Item(s) (Master)	Geolocation of labor and crews	Building Classifications	Purchase contracts	Asset Monitor
Organization Function	Quick reporting	Asset Templates	SLA Management	Work Orders	Tools	Visual Inspection (not in 7.6)	BIM Projects application	Lease / rental contracts	Predictive Maintenance Insights
Known Challenges	KPI Manager	Calibration Assets	Desktop Requisitions	Work Order Tracking	Stocked tools	Work Execution	Manage BIM Viewer application	Labour rates contract	Asset Health Insights
								Master contracts	Reliability Engineering Work Center
								Warranty contracts	
								Payment Schedules	

Chuck's Demo Space > Plan Work example

Process Diagram + Add Milestone + Add Swimlane Undo Playback Analyze

```

    graph TD
        Start((Start)) --> ReviewWork[Review Work Backlog]
        ReviewWork --> ScopeWork[Scope Work]
        ScopeWork --> DefineResource[Define Resource Needs]
        DefineResource --> AssignGroup[Assign responsible group]
        AssignGroup --> Incorporate[Incorporate Existing Plans]
        Incorporate --> DefineJob[Define Job Steps]
        DefineJob --> DefineLabor[Define Labor Requirements]
        DefineLabor --> DefineMaterial[Define Material Requirements]
        DefineMaterial --> DefinePurchase[Define Purchase Requirements]
        DefinePurchase --> DefineExternal[Define External Service Needs]
        DefineExternal --> DefineEquipment[Define Equipment and Special Tools]
        DefineEquipment --> AssignGroup
    
```

Work Order Tracking

Details Process Links Problems Policies Documentation Attachments Comments

Working with work orders

Last Updated: 2022-05-12

Work orders initiate the maintenance process and create a historical record of the work that is performed.

- Creating work orders**
A work order specifies the information about the work that must be performed for an asset, location, or configuration item. You can add work plans, job plans, or safety plans. You can also record actuals as the work progresses.
- Reporting actuals for work orders**
As work progresses on an approved work order, you can report the actual labor hours, materials, services, and tools used.
- Rescheduling and unassigning work**
You can reschedule work that has been assigned to labor resources to accommodate changes in priority or scheduling. You can reschedule multiple work records at the same time using the Reschedule Assignments window.
- Specifying meter readings on work orders**
You can enter meter readings for the asset and the location on a work order. An asset can be set up to inherit the meter readings of its parent asset or its location.
- Enabling preventive maintenance alerts for work orders**
You can use preventive maintenance alerts to notify you of pending preventive maintenance work that is scheduled for assets or locations in work order records.
- Reporting downtime for assets**
You can report downtime for an asset after it has occurred.

IBM Maximo

Maximo 7.6.1.2 Assessment Readout
June 16th, 2022

IBM Sustainability Software
Business Business Manager

IBM Maximo 7.6.1.2 Assessment

IBM® Maximo® Asset Management is an integrated productivity tool and database that helps you manage all of your asset types on a single software platform. Built on a service-oriented architecture (SOA), Maximo Asset Management delivers a comprehensive view of all asset types, their conditions and locations, and the work processes that support them, to provide you with optimal planning control, audit, and compliance capability.

The Maximo database provides critical information about asset resources, including key attributes, their configuration, and their physical and logical relationships to other resources. From the start center, you can establish key performance indicators (KPIs) to monitor asset conditions and trigger automated action based on changes. You can create, assign, monitor and report on key process components such as work orders, service desk tickets, and purchase orders, including status, from start to finish. You can also include attachments, such as map pictures, and URLs to each record or task to enhance communication and productivity further.

This Maximo deployment provides the following benefits:

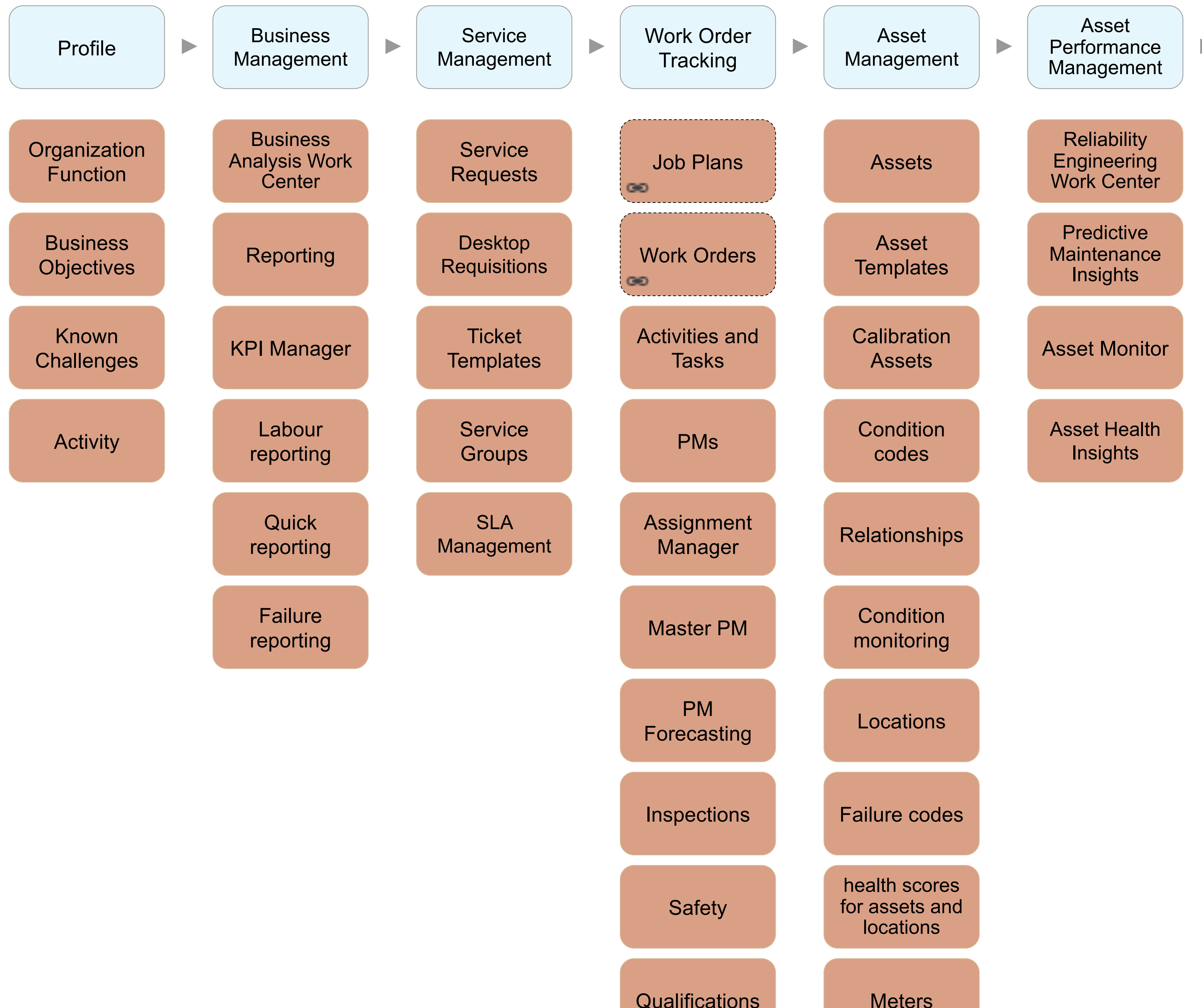
- Improved asset visibility
- Enhanced asset health monitoring
- Streamlined work order management
- Improved asset performance
- Enhanced asset lifecycle management
- Improved asset maintenance scheduling
- Enhanced asset safety and compliance
- Improved asset reporting and analytics

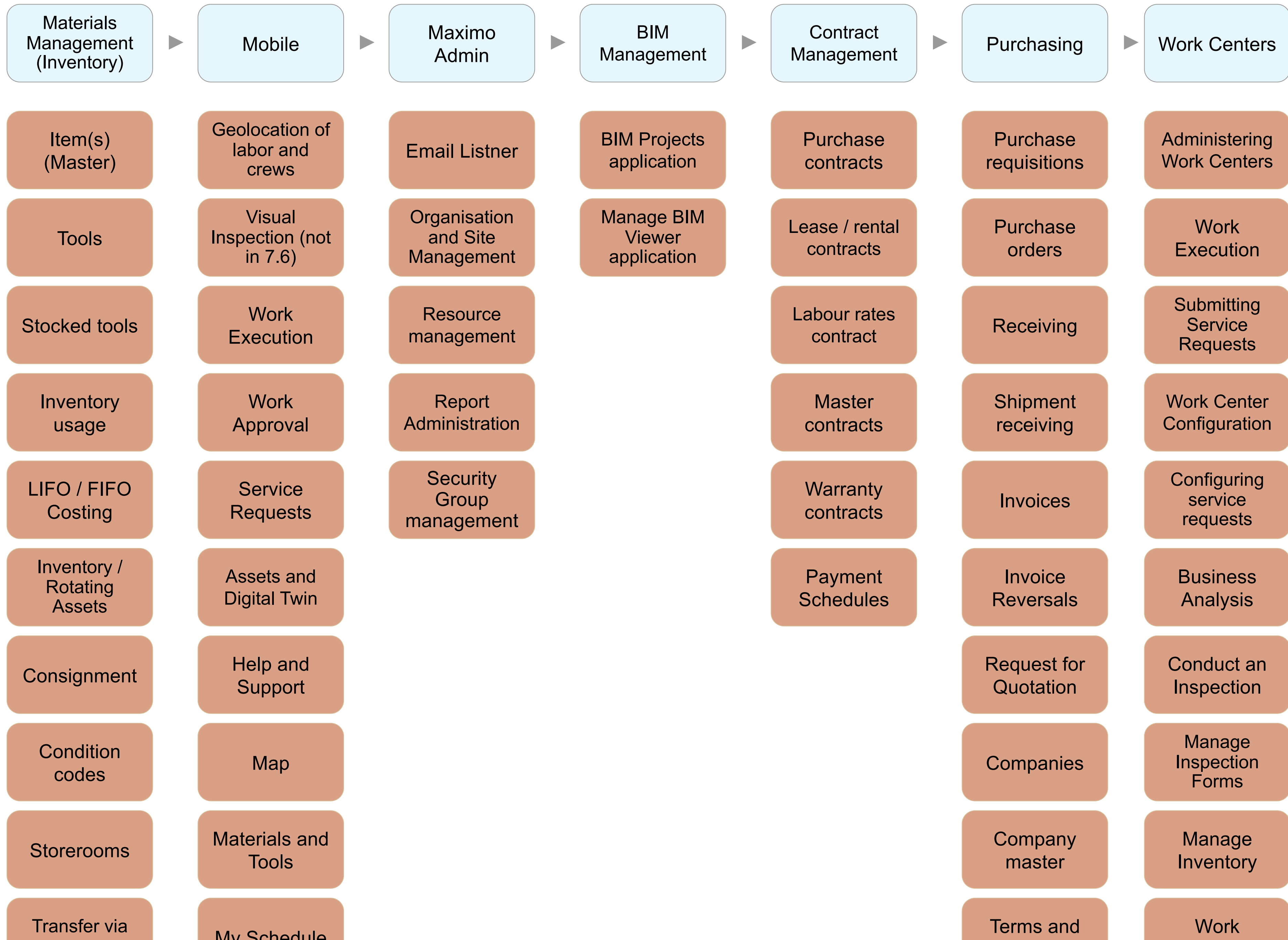
The output of this assessment is a comprehensive report that provides a detailed overview of the current state of your Maximo system and identifies areas for improvement. We also can help you implement the recommendations to optimize your system.

Glossary

Participants, Business Owners, Experts

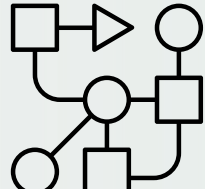
Challenge	Severity	Frequency
critical level of skilled maintenance technicians	High	High
capturing operational data	High	High
generate Business reports due to data not being captured	High	High






Maximo System Condition / Plan

Customizations

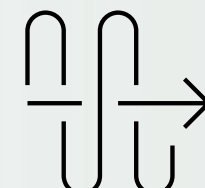
Out of the Box 1		Highly Customized 5
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MAS Upgrade / Migration

Upgrade – Migration

Planning 1		Migrated 5
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Planning – Completed

Upgrade 1		Migration 5
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Define Your Roadmap To Success

IBM

Deployment and Migration to
Maximo Application Suite



Building Your Migration Plan and Resources

Building Migration Plan:

- Maximo Usage application – to determine current license usage patterns
- Understand the MAS 8.x continuous delivery roadmap model
- Assess Current Maximo system customizations with the [IBM Maximo Customization Detection Tool](#).
- [Maximo Integrity Checker](#) Fix any inconsistencies in indexes, and in Maximo metadata before you upgrade to Maximo Application Suite.
- [Installing Maximo Application Suite](#) - Install IBM® Maximo® Application Suite by planning your installation, selecting a supported installation path, and setting up the initial configuration.
 - [Planning](#)

Before you install IBM Maximo Application Suite, you must plan your installation by satisfying the configuration and software dependencies for your chosen installation path.
 - [IBM Maximo Application Suite and components installation](#)

The IBM Maximo Application Suite installation process includes either customer-managed installations or IBM managed installations. Multiple platforms and environments are available to choose from regardless of the installation method.
 - [Setting up IBM Maximo Application Suite](#)

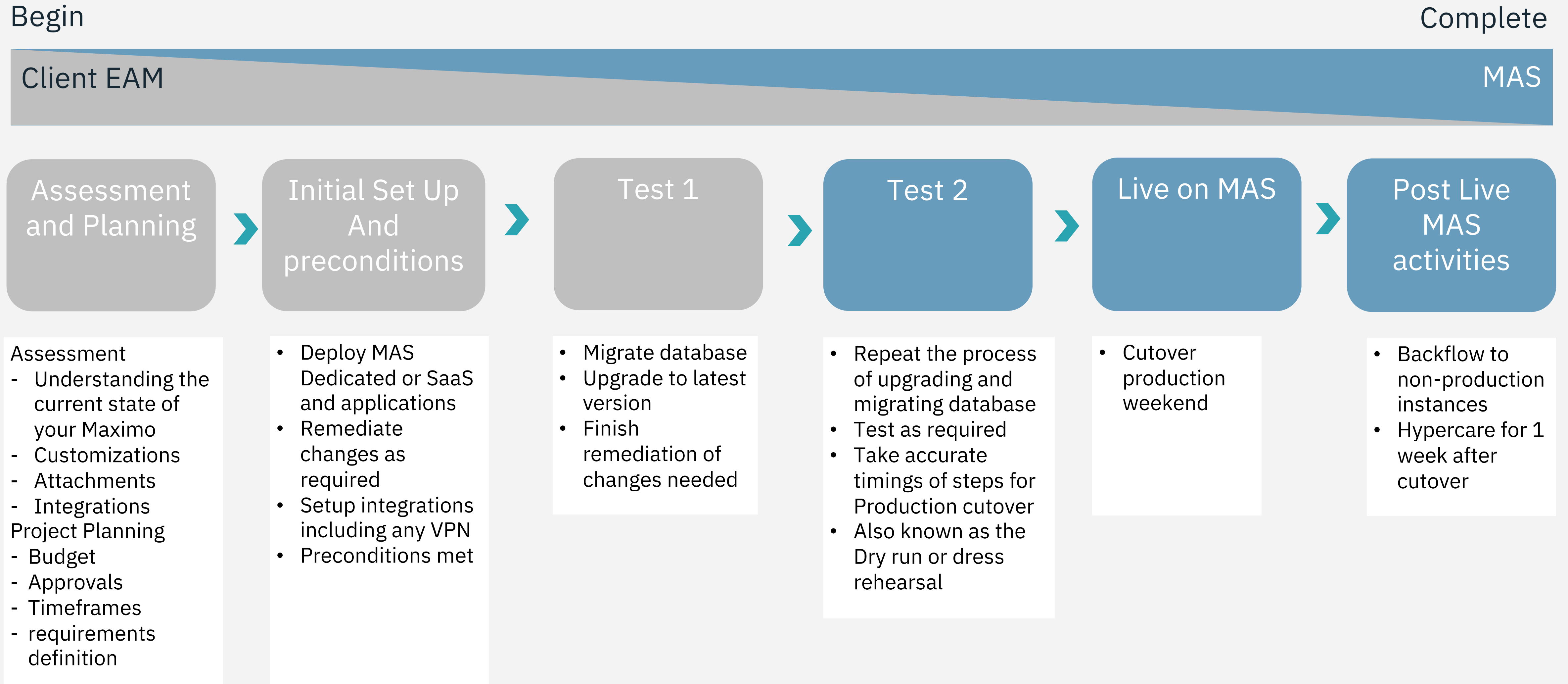
After you install IBM Maximo Application Suite, the setup program guides you through the initial configuration.
 - [Ansible collection](#)

Use the Ansible® collection to automate some of the manual steps that are involved with installing Maximo Application Suite and its components.

MAS Deployment Options

Deployment	Availability	Procure	Provision & Operate	Client Benefits
<p>On Premise Customer Managed</p>	<p>Now</p>	<p>Client purchases MAS from IBM Client provides infrastructure</p>	<p>Client provisions, manages, and operates full stack</p>	<ul style="list-style-type: none"> •Maximum operational flexibility
<p>Hyperscalers Customer Managed</p>	<p>Now AWS Azure</p>	<p>BYOL Client purchases software from IBM and infrastructure from Hyperscalers</p>	<p>Client runs IBM-provided automation scripts to deploy MAS on Hyperscalers' cloud Client manages and operates both software and infrastructure</p>	<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
	<p>Now AWS Azure</p>	<p>Paid (Marketplace listing) Client purchases software and infrastructure from Hyperscalers</p>		
<p>SaaS Editions IBM Managed</p>	<p>Now AWS</p>	<p>Client purchase single part (includes software, infrastructure, and operations) from <u>either</u> std IBM sales/channels or AWS Marketplace</p> <p>Maintenance and Inspections Essentials</p> <p>Standard</p> <p>Premium</p>	<p>IBM provisions, manages, and operates Client's MAS environment on AWS Cloud using IBM's AWS cloud account</p> <p>Provides a base implementation of Manage or MVI. Limited configuration.</p> <p>Provides full MAS Capability, with limited options and operational options</p> <p>Full MAS with more flexibility.</p>	<p>Reduced time-to-value and operational costs. Allows clients to focus on business priorities</p> <p>Entry Level for small implementations</p> <p>Targeted at most clients requiring MAS and wanting to focus on standard capabilities.</p> <p>For clients wanting more operational features and flexibility.</p>

Journey to MAS Migration: High level Process Review



Define Your Roadmap To Success

ITBM

Resources

Get to Know Maximo Application Suite: Installation & Administration

- [* Maximo Application Suite deployment overview](#) (Self-paced learning)
- [* Red Hat OpenShift Container Platform installation overview](#) (Self-paced learning)
- [* Installing Maximo Application Suite dependencies](#)
- [* IBM Maximo Application Suite installation on Microsoft Azure](#)
- [* MAS Installation guide](#)
- [* MAS Configuration guide](#)

Maximo Application Suite: Manage v8.x Technical Education Roadmap

Recommended for implementers

Containerization and RHOCP essentials for Maximo Application Suite and Sterling solutions

Self-paced | 1 hour | No cost
Course: [Link](#)

Maximo Application Suite & Red Hat OpenShift Container Platform Deployment Technical Essentials

Self-paced w/sim | 6 hours | No cost
Course: [Link](#)

Maximo Application Suite – Manage: introduction

Self-paced w/sim | 4 hours | No cost
Course: [Link](#)

Maximo Application Suite – Manage: Core Data Setup

Self-paced w/lab | 7 hours | Cost
Course: [Link](#)
Instructor led | 2 days | Cost
Course: [Link](#)

Maximo Application Suite – Manage: Users & Security

Self-paced w/lab | 6 hours | Cost
Course: [Link](#)
Instructor led | 1 day | Cost
Course: [Link](#)

Maximo Application Suite – Inventory Management

Self-paced w/lab | 7 hours | Cost
Course: [Link](#)
Instructor led | x day | Cost
Course: Coming soon

Maximo Application Suite – Manage: Asset Management

Self-paced w/lab | 6 hours | Cost
Course: [Link](#)
Instructor led | 1 day | Cost
Course: [Link](#)

Maximo Application Suite –Manage: Purchasing & Contracts

Self-paced w/lab | 5.5 hours | Cost
Course: [Link](#)
Instructor led | 1 day | Cost
Course: [Link](#)

Maximo Application Suite – Manage: Work Management

Self-paced w/lab | 6 hours | Cost
Course: [Link](#)
Instructor led | 1 day | Cost
Course: [Link](#)

Maximo Application Suite – Manage: Preventive Maintenance and Condition Monitoring



Self-paced w/lab | 5.5 hours | Cost
Course: [Link](#)
Instructor led | 2 days | Cost
Course: [Link](#)

Maximo Application Suite –Manage: Workflow Development

Self-paced w/lab | 7 hours | Cost
Course: [Link](#)
Instructor led | x day | Cost
Course: Coming soon

Additional courses in plan for 2023

Scheduler, and other advanced topics + MAS bootcamp

 Technical education  Technical education Coming soon  Badge

Maximo Application Suite (MAS)

System Users / Administrators / Consultants

Course Title	Duration	*Format	Cost	Badge
Maximo Application Suite Learning Collection		Mixed		
Containerization and RHOC P 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)
Maximo Application Suite - Manage: Introduction – (DL25606G)	4 hours	Self-paced	No cost	
Maximo Application Suite - Manage: Core Data Setup (MAX4321G)	7 hours	Self-paced with labs	Cost	
Maximo Application Suite - Manage: Users and Security (MAX4322G)	6 hours	Self-paced with labs	Cost	
Maximo Application Suite - Manage: Inventory Management (MAX4328G)	7 hours	Self-paced with labs	Cost	
Maximo Application Suite - Manage: Asset Management (MAX4316G)	6 hours	Self-paced with labs	Cost	
Maximo Application Suite - Manage: Purchasing and Contracts (MAX4323G)	6 hours	Self-paced with labs	Cost	
Maximo Application Suite - Manage: Work Management (MAX4315G)	6 hours	Self-paced with labs	Cost	
Maximo Application Suite - Manage: Preventive Maintenance and Condition Monitoring (MAX4317G)	5 hours	Self-paced with labs	Cost	
Maximo Application Suite - Manage: Workflow Development (MAX4330G)	7 hours	Self-paced with labs	Cost	
Investment Optimization for Maximo Application Suite - Manage – (DL25609G)	.5 hours	Self-paced	No cost	
Leveraging Health for Maximo Application Suite – Manage (MAX4320G)	5 hours	Self-paced with labs	Cost	
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
Maximo Mobile: Customization Overview (DL25632G)	2 hours	Self-paced	No cost	
Maximo Application Suite - Manage: Core Data Setup (MAX4326G)	up 16 hr.	Instructor -Led	Cost	
Maximo Application Suite - Manage: Users and Security (MAX4327G)	up 8 hr.	Instructor -Led	Cost	
Maximo Application Suite - Manage: Inventory Management (MAX4329G)	up 8 hr.	Instructor -Led	Cost	
Maximo Application Suite - Manage: Asset Management (MAX4319G)	up 8 hr.	Instructor -Led	Cost	
Maximo Application Suite - Manage: Purchasing and Contracts (MAX4325G)	up 8 hr.	Instructor -Led	Cost	
Maximo Application Suite - Manage: Work Management (MAX4318G)	up 8 hr.	Instructor -Led	Cost	
Maximo Application Suite - Manage: Preventive Maintenance and Condition Monitoring (MAX4324G)	up 16 hr.	Instructor -Led	Cost	
Maximo Application Suite - Manage: Database configuration (MAX4338G)	16 hours	Instructor -Led	Cost	

IBM TechXchange Community

Together, we can connect via forums, blogs, files and face-to-face networking.

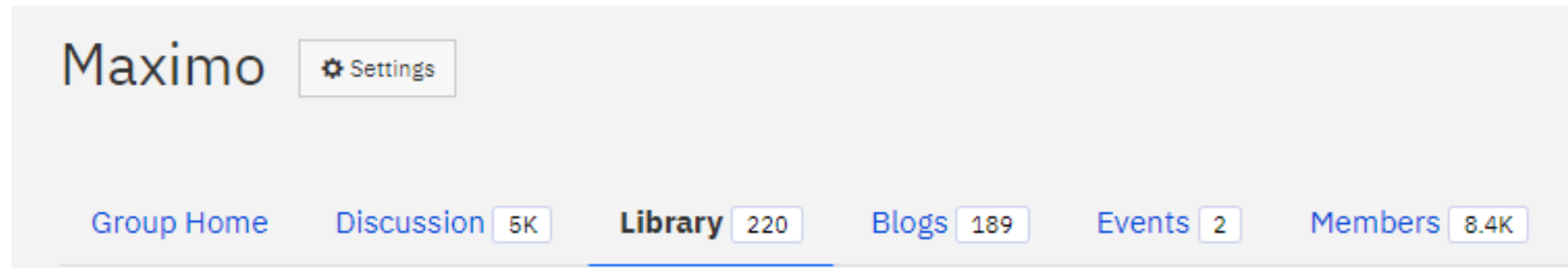
Find your community

IBM Sustainability →

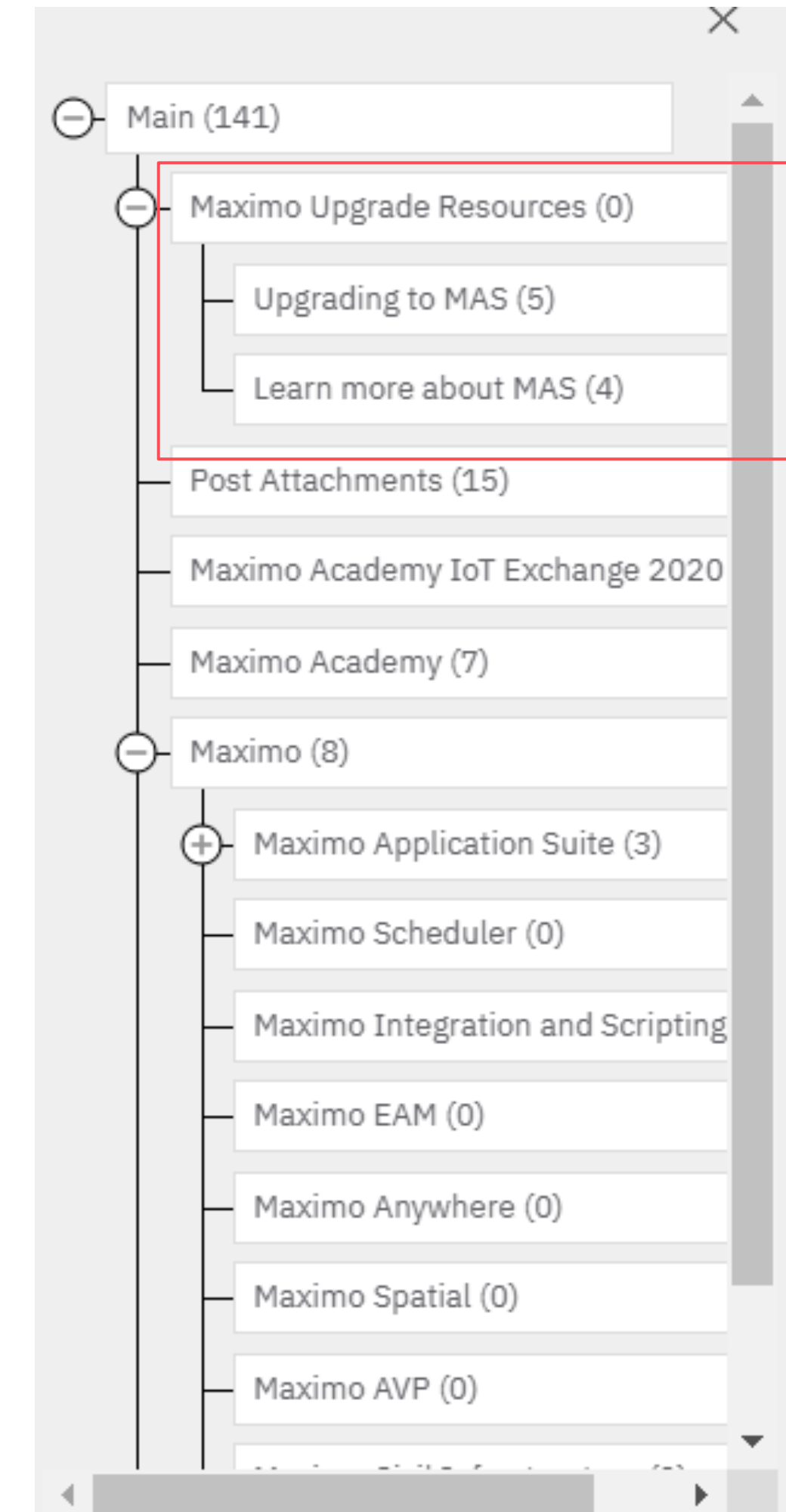
IBM Asset & Facilities Management

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](#)



Maximo Wednesday Webinars [HERE](#)



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/>

спасибо 谢谢
GRACIAS 谢谢

THANK YOU

ありがとうございました MERCI

DANKE धन्यवाद

شُكْرًا OBRIGADO

