# Modernize the Management of Your Assets with the Power of IBM Maximo, AWS and LTIMindtree

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IBM® Maximo® Application Suite (MAS 8) on AWS is an intelligent asset management solution that puts data and AI to work across your enterprise operations that combines intelligence, management, and maintenance in a single platform.

Industrial customers can take advantage of various industry-leading asset management systems from IBM, backed by the scale, agility, and cost-efficiency of AWS. Being hosted on AWS, you can more easily extend asset management capabilities across locations at the speed of cloud, providing greater security and productivity.

# We got you covered- Addressing all your technology and business needs like

Reduce overhead and capital expenses associated with on-premises Maximo

Containerize the solution via Red Hat OpenShift

Your operations rely on mobile apps in the field (MAS 8 comes with Mobile support)

Migration and/or integration of asset management

Implementation and integration of the MAS 8

Continue or start your journey to the cloud with Asset Management with a focus/mandate around sustainability

AWS provides a fault-tolerant, high availability (HA) platform in a matter of hours, providing both customer-managed and SaaS deployment options. This helps accelerate your velocity toward cloud and unify your systems at a global scale, taking advantage of one of the world's most powerful, secure, and innovative computing infrastructures.

AWS services to fully leverage the asset data in Maximo, including advanced AI/ML predictive analytics using SageMaker and the creation of Data Lakes for reporting. It also lets you demonstrate how you meet regulatory standards and can be deployed to AWS GovCloud regions to meet federal requirements.

LTIMindtree brings unmatched delivery capabilities and services such as Cloud migration of on-premises Maximo to AWS, upgrade to MAS 8, implementation, and integration of Maximo with backend ERP and manufacturing systems.

# Why Should LTIMindtree be your digital partner of choice?

| LTIMindtree delivers unrivaled end-to-end solutions at scale | LTIMindtree Asset Management Expertise | LTIMindtree partnership with AWS |
|---|---|---|
| **82K+** employees | Expert-level IBM Assets & Operations Competency | AWS Premier Consulting Partner, Reseller, Marketplace Seller |
| Over **$4 billion** in annual revenue | **70** Maximo-certified consultants | **5000+** accredited cloud experts, **800+** AWS Certified Professionals |
| **700+** global clients; **30+** countries | **50+** Implementation, support, and maintenance projects | **9** AWS Competencies and **11** AWS Service Delivery Validations |
| Over **2000** trained architects and consultants on IBM practice | **5000+** users supported daily | |
| | **30+** MAS-certified resources | |

# Max2MAS on AWS (Mutli-cloud architecture)

## (Maximo 7.6.1.3 upgrade to MAS Manage 8.x )

**Steps to deploy**

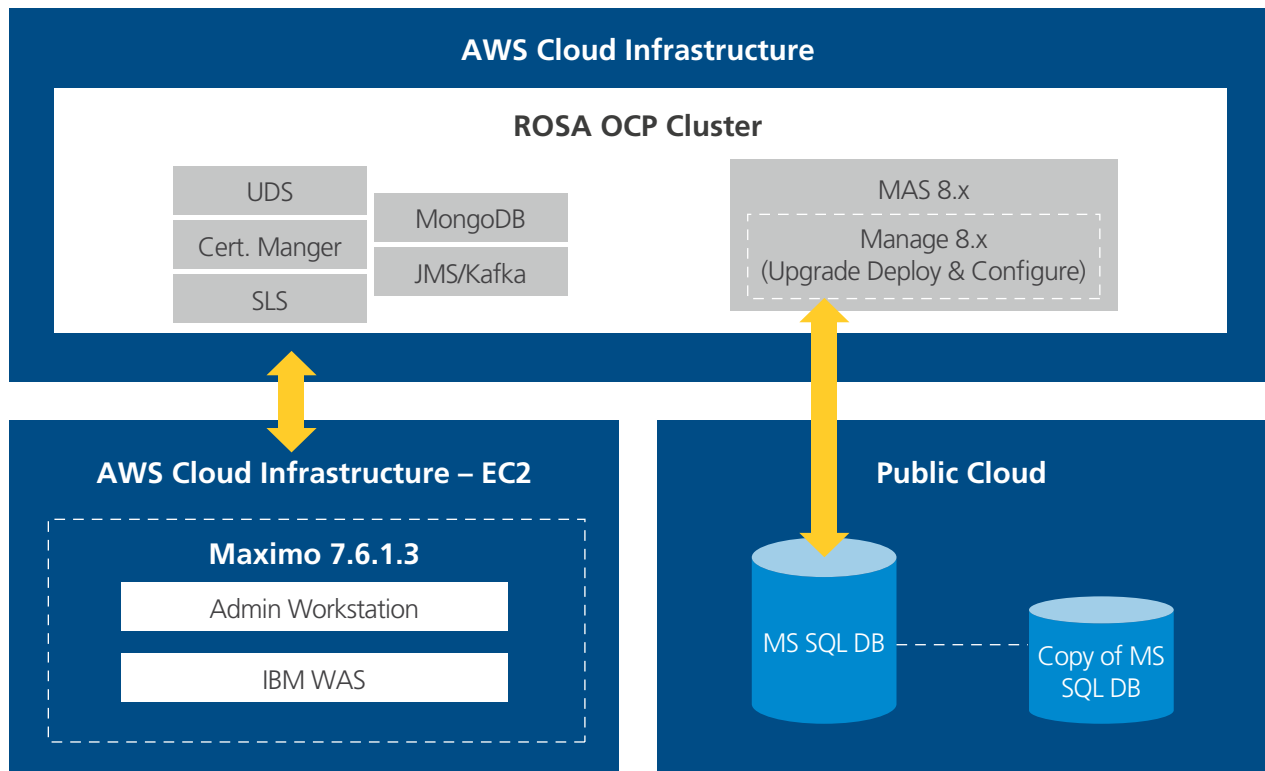| | |
|---|---|
| **#1** | Install Maximo 7.6.1 on AWS EC2 cloud with MS SQL Server database on public cloud |
| **#2** | Update 7.6.1 setup to 7.6.1.3 |
| **#3** | Backup the 7.6.1.3 DB |
| **#4** | Provisioned Red Hat OpenShift Service on AWS (ROSA) |
| **#5** | Install MAS 8.x core on ROSA |
| **#6** | Deploy Manage 8.x on MAS admin |
| **#7** | Configure Manage and Update 7.6.1.3 MS SQL Server database to Manage 8.5 |

**Schematic Architecture**

**AWS Cloud Infrastructure**

**ROSA OCP Cluster**

UDS

Cert. Manger

SLS

MongoDB

JMS/Kafka

MAS 8.x

Manage 8.x
(Upgrade Deploy & Configure)

**AWS Cloud Infrastructure – EC2**

**Maximo 7.6.1.3**

Admin Workstation

IBM WAS

**Public Cloud**

MS SQL DB

Copy of MS SQL DB

# LTIMindtree's Key Success Stories

**Leading Automotive Manufacturer - USA**

• Maximo 7.6.1.2 Upgrade

• Maximo Mobility , Scheduler

**Thermal Power Plant - India**

• Maximo EAM 7.6

• Mobility , Scheduler , HSE

**Leading Defence Manufacturer - India**

• Maximo EAM and ACM

• Integration with ECM

**Leading Midstream Oil & Gas Operator - USA**

• Maximo 7.6.1.1 with Mobility, People soft

• Manage service support &

• Consulting

**Global Leader in Energy Storage Solution - USA**

• Maximo 7.6.1.2 with Mobility and Token Licensing

• MuleSoft SAP, QAD integration

• Consulting. Manage service support

**Leading Oil & Gas Operator - USA**

• Maximo 7.6.1.2 with Mobility, SAP, GEP integration

• Consulting. Manage service Support, Enhancement, and Upgrade

**Leading Metro Rail Project - India**

• Green field Implementation

• Real time /Offline Integrations with Rail sub systems

**Leading Mono Rail Project - India**

• Maximo 7.6.1.2 with Mobility and Token Licensing

• MuleSoft SAP, QAD integration

• Consulting. Manage service support

**Leading Road Infra Company - India**

• Green field Maximo solution

• IBM Mobility and ArcGIS

**LTIMindtree** is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 83,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit **www.ltimindtree.com**.