uLTIMax:
Portal to MAS

Getting Maximo future ready

The trends and future of **Asset Lifecycle Management and Maximo**

The world is gearing and adapting to Industry 4.0, and most organizations will find themselves at a juncture of major industrial automation changes driven by technology advancements. This journey towards Industry 4.0 must be supported by existing system upgrades and processes to utilize years of data for accurate business predictions.

The asset lifecycle management related processes and systems are also witnessing some trends, as listed below

Trends

Maximo Move to Cloud & Upgrade

Moving MAXIMO to RHOCP supported hyper-scalers while updating to latest version [7.6.1.3 / MAS8]

Why

Flexible usage with App Point licensing

End of support for Maximo 7.6.1.3

Freedom of Infrastructure

Strong Digital enablement

Enhanced base version with scheduler, calibration, linear asset management, mobility, security and user management

Objective

Leverage enhanced functional features

License optimization with more in Base package

Delivery at scale across any infrastructure

Stay compliant with OEM support

Adopt additional AI/ML enabled modules

Trends

Adopting Intelligent Asset Mgmt.

New-age features and functionalities available in MAS8, especially the AI ML capability

Why

AI based prediction and monitoring

Digitally triggered Actions

Readily integrable with SCADA, TRIRIGA, Sustainability and EI platforms

Readily adoptable AI / ML solutions using history

Objective

Monitor Asset Health & predict failure

Cognitive analytics for predictive maintenance

Visual inspections using drones and cameras

Enhanced Mobility solutions

Use 'Digital Twins' to simulate & test

Trends

Implementing ESG & HSE features

Implement processes that will enable and support the increasing ESG & HSE metrics at a quicker pace

Why

Emerging regulatory requirements

Mitigate risks within installations

Enhance the sustainability performance of the organization

Support social commitment

Mandatory investor reporting

Objective

Enable real-time capture of ESG & HSE data

Compliance with the ESG framework

Measure and enhance Net Zero objectives

Integrate with external programs / analysts

Purpose for people

About **LTIMs Asset Lifecycle Management Capability**

We at LTIMindtree have been leveraging our parent company's (Larsen & Tubro) engineering DNA to bring end-to-end business process knowledge when implementing or working on ALM related engagements. With 1500+ asset management industry professionals within the organization, we are equipped to handle any asset-related business process or related technology-based queries.

We understand the importance of managing assets and ensuring their operations at optimum performance, which is a key requirement for any asset intensive vertical such as Oil & Gas, Utilities, Manufacturing, Automotive and Transportation. A well-defined and practiced asset maintenance plan will significantly help in reducing costs incurred due to asset downtime and unwanted emergency maintenance.

The team has realigned its focus according to industry trends to work on the areas listed below:

🏠	Asset Life cycle Management	🔔	Alert and Notification
🔧	Asset performance Management	🌱	ESG Reporting
⚙️	Remote Monitoring	🔒	Cybersecurity
👁️	Predictive Maintenance	🚗	Net Zero

Our industry specific solutions have helped customers to accelerate their capital projects and improve their operational efficiencies

Industry Solution

🚆 RailnT for Rolling Stock	🚢 Shipping Solution	📦 Inventory Optimization for MRO

⟩ **RaiLnT for metros and railways:** An add-on solution to the core Maximo Manage to work with the railway industry, taking into consideration linear asset management and rolling stock maintenance. This solution has built in KPIs, tools and accelerators that help railway or metro projects.

⟩ **Shipping Solution:** A solution developed for Maximo to be implemented and used on ships, with an option to work offline and sync up with shore-based servers when connected

⟩ **MRO Inventory Optimization:** Utilize asset, work order, and inventory data from Maximo to predict the optimum spares inventory levels required for maintenance operations, helping save inventory holding costs by approximately 18–20%

As a part of the ALM capability, LTIMindtree has been servicing IBM's Maximo clients for over 12 years in engagements that encompass Implementations, Upgrades, Cloud Migrations, Data Migrations and Consultations. With a team of 70+ Maximo certified resources supported by the IBM GSI labs team through the highest level of Platinum partnership, we are well poised to take on any project or engagement involving Maximo to help clients on their Industry 4.0 journey.
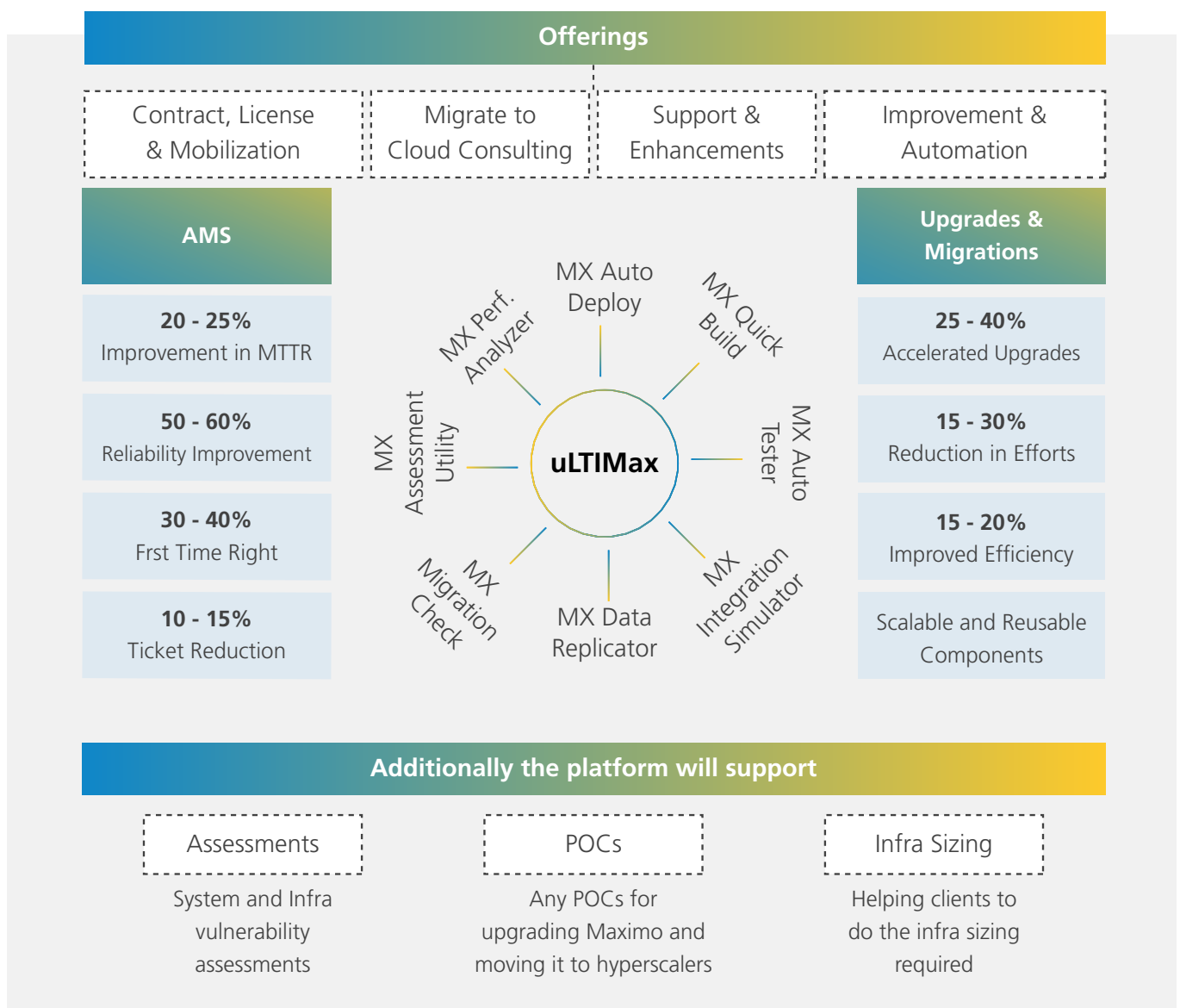
70+
Maximo Certified consultants

50+
Implementation, Support and Maintenance Projects

10,000+
Users supported daily

LTIMindtree's uLTIMax:
the portal to MAS

LTIMindtree's uLTIMax platform provides a one-stop solution to upgrade MAXIMO workloads onto MAS 8, with the added capability to nurture and enhance the system with next-gen interventions

Offerings

Contract, License & Mobilization	Migrate to Cloud Consulting	Support & Enhancements	Improvement & Automation

AMS

20 - 25%
Improvement in MTTR

50 - 60%
Reliability Improvement

30 - 40%
Frst Time Right

10 - 15%
Ticket Reduction

Upgrades & Migrations

25 - 40%
Accelerated Upgrades

15 - 30%
Reduction in Efforts

15 - 20%
Improved Efficiency

Scalable and Reusable Components

uLTIMax

- MX Auto Deploy
- MX Quick Build
- MX Auto Tester
- MX Integration Simulator
- MX Data Replicator
- MX Migration Check
- MX Assessment Utility
- MX Perf. Analyzer

Additionally the platform will support

Assessments	POCs	Infra Sizing
System and Infra vulnerability assessments	Any POCs for upgrading Maximo and moving it to hyperscalers	Helping clients to do the infra sizing required

LTIMindtree