WELCOME

New LVMUG Logo

https://lvmug.org/

11/03/2022

MaximoGroups.org

RC - Wi-Fi

Password 3387266702

Las Vegas MUG Event Hosts

"Helping to make these events possible"

LVMUG Fall 2022 Event Sponsors

Las Vegas MUG Focus 🔭

- Maximo end-users' education
- Sharing of Tips, Tricks, and Fixes for Maximo
- Asset Management Best Practices
- Work Orders & Inspections
- Inventory Optimization & Supply Chain
- LVMUG Committed to biannual in-person meeting
- 2023 LVMUG gearing up for 2-day events
- LVMUG encompassing all industries
- Networking with Maximo Peers
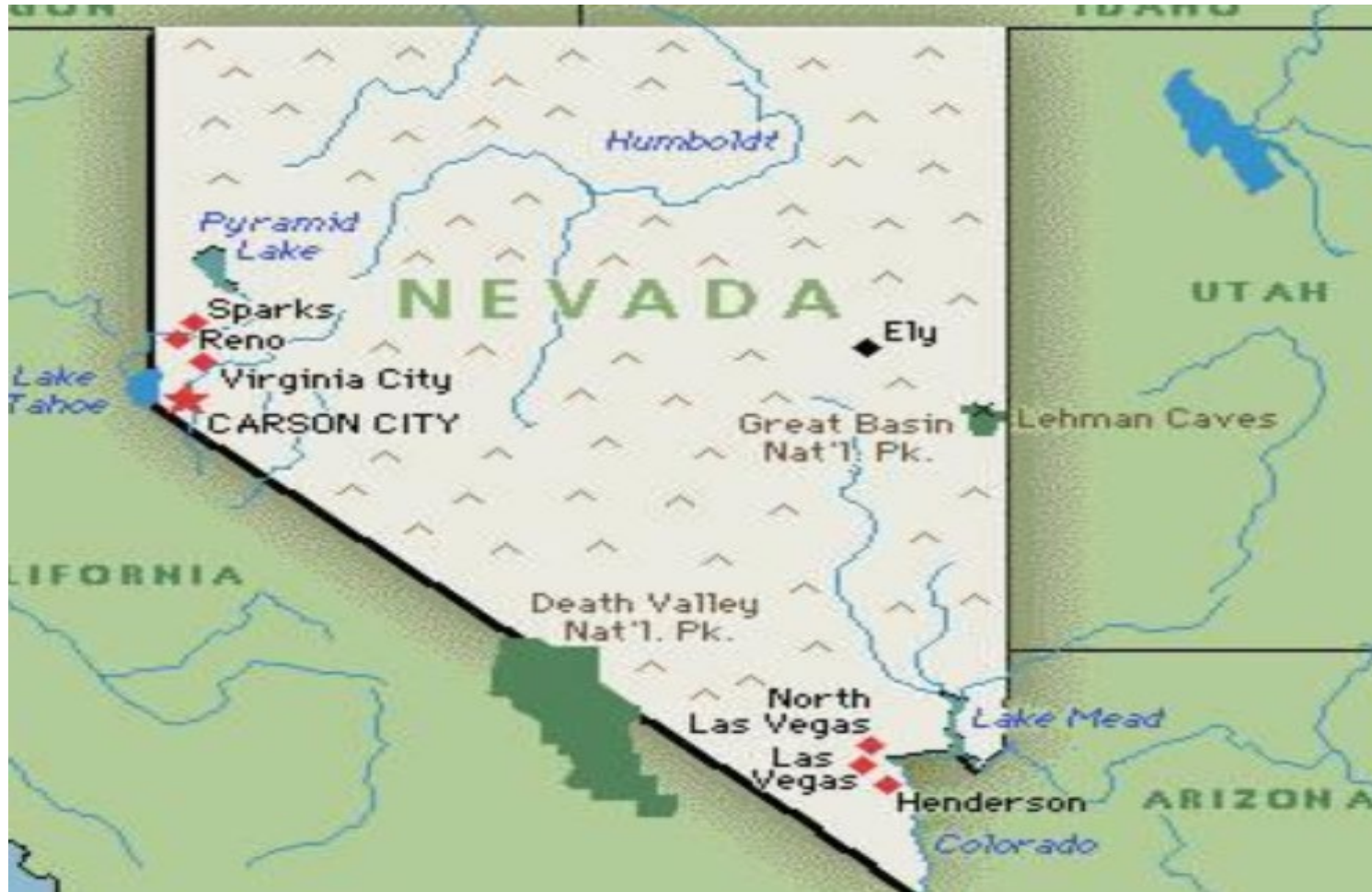
Note: All Maximo users are welcome regardless of Geographical location

About MaximoGroups.org

MaximoGroups.org was established to support, promote, and serve all Maximo professionals and users through sharing knowledge and experience, showcasing successes, highlighting challenges, and providing a means to develop professional and personal relationships in order to gain a better understanding and best utilization of Maximo.

Signup for the MaximoGroups.org Newsletter to stay updated on all upcoming events.

Established Groups Supported:

PacMUG.org (Pacific Region) Oct.13th

LVMUG.org (Las Vegas Region) Nov.3rd

WMMUG.org (West Mountain Region) Nov.10th

SWMUG.org (Southwest Region) Dec. 1st

FMMUG.org (Facilities all Regions) Sept. 20-21st

- ➢ **Speaker Appreciation**
- ➢ **End-User Drawings following each sponsor spotlight**
  (Tickets at registration table)

AGENDA

Registration / Breakfast / Meet & Greet	**LVMUG Steering Committee**
Las Vegas MUG Community Update / Attendee Networking Introductions / User Survey	**Scott Schilling / Michael Nutt** *MaximoGroups.org & JFC & Associates*
Keynote presentation **The Evolution of Condition Monitoring** *Condition monitoring is a simple way to drive preventive maintenance when it is needed as opposed to using a calendar-based approach. Generating PMs based on conditions can reduce the cost of maintenance by scheduling the PMs when a condition is met. In this presentation, we will discuss the evolution of condition monitoring and identify some actions organizations can take to take advantage of condition monitoring to drive asset management forward*	**Matt Midas** *Director of Business Development*
Mobile for Maximo (M4M) pilot project **Mobile for Maximo (M4M) pilot project effort, functions/features we have added, comprehensive start center development, and our preparation activities to go live with M4M.**	**Jerel G. Nelson** *Division Manager, Work Planning & Control* *Mission Support and Test Services LLC (MSTS)*
Sponsor Spotlight	**Maven Asset Management**
Networking Break	**Networking**

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AGENDA

Hybrid Cloud approach for Maximo Application Suite IBM Presentation	**Donna A Read** *IBM Sustainability Software Specialist for AZ, NV, NM IBM Sustainability Solutions - Maximo, TRIRIGA, Weather, Engineering, Watson Media, Sterling, Blockchain*	10:15 a.m. - 10:55 a.m.
Sponsor Spotlight	**BPD Zenith**	10:55 a.m. - 11:00 a.m.
Tech Talk Lighting Round Discussion Group *- MAS 8 preperation & licensing - Planning & Scheduling - The Mobile Jungle - Maximo Upgrade Best Practices for Testing & Performance Tuning*	**Discussion Group Panel** *Donna Read / Michael Nutt / Matt Midas / Joe Mahaz / Pranjal Dutta*	11:00 a.m. - 11:50 p.m.
Event Host Spotlight / Networking Event Updates	**Michael Nutt / Rick Crory**	11:50 a.m. - 12:00 p.m.
LUNCH - Provided by our LVMUG sponsors	*LUNCH*	12:00 p.m. - 1:00 p.m.
What about the Maximo User? *We will discuss Maximo and how some projects have been rolled out. Times where we have updated Maximo and created a process to track information and how you then feed that information to the users. Times where we have got with the users to find out the needs and how that crossed over into the Maximo system. The focus will not be some much on Maximo and how to configure the software but to make sure that you always consider the users and make sure the communication lines are open and that you keep them involved.*	**Douglas Nebeker** *CMMS Administrator Clark County Water Reclamation District*	1:00 p.m. - 1:40 p.m.
Sponsor Spotlight	**KDIT Solutions**	1:40 p.m. - 1:45 p.m.

AGENDA

Reducing Asset Carbon Emissions – IBM Envizi *"Sustainable solutions that operationalize the reduction in carbon emissions in Asset Management, Supply Chain, and Engineering Lifecycle Management"*	**Cynthia Ahr** *Arrow Electronics, ECS* *IBM Sustainability Supplier Manager* *Specializing in sustainable IT solutions that operationalize the reduction in carbon emissions in Asset Management, Supply Chain, and Engineering Lifecycle Management.*	1:45 p.m. - 2:25 p.m.
Networking Break	**Networking**	2:25 p.m. - 2:45 p.m.
Maximo Jeopardy **Bring on your Maximo Knowledge with this informative session!**	**Your Jeopardy Host** *Michael Nutt*	2:45 p.m. - 3:25 p.m.
Closing remarks / Planning ahead	**Scott Schilling / Michael Nutt** *Las Vegas MUG*	3:25 p.m. - 3:30 p.m.
Networking After-Event Gathering ***Public School 702*** **(An Education in the Art of Food & Beer)** **1850 Festival Plaza Dr. Las Vegas, NV 89135**	**Hosted by MaximoGroups.org and IBM**	4:00 p.m - 6:00 p.m.

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Attendee Introductions / End-User Survey
https://www.menti.com/
Voting code 4794 8131

Using your mobile device

Scan the QR code

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MAXIMO
TECH TALK

Panel Discussion Topics

- MAS 8 Preparation & Licensing
- Planning & Scheduling
- The Mobile Jungle
- Maximo Upgrade Best Practices for Testing & Performance Tuning

15-Minuite Lightning Round Discussions

MAS 8 Preparation & Licensing

- ✓ Technical impacts

- ✓ Administration & usage impacts

- ✓ Licensing & other resource needs

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Cloud and Licensing

- How they work?

- How they convert versus my current mix?

- What tool is available so that I can start preparing?

- How can my SP help support/advocate on my behalf with options?

- Will I be able to pay my annual S&S that I have now till 2025 when there is EOS?

- Can I buy perpetual licenses in MAS?

MAS Deployment Options

Deployment	Availability	Procurement	Provision/Operation	Benefits
On Premise Customer Managed	Now	Client purchases MAS from IBM Client provides infrastructure	**Client** provisions, manages & operates full stack	• Maximum operational flexibility
Hyperscalers Customer Managed	Now on AWS	**BYOL** - Client purchases 1) Software from IBM 2) Infrastructure from Hyperscaler	**Client** runs IBM-provided automation scripts to deploy MAS on Hyperscalers' cloud	• Simplifies procurement & deployment • Allows client to select their Hyperscaler • Client manages & operate their environment
	3Q22 on AWS	**Marketplace Listing** - Client purchases software & infrastructure from Hyperscale's' Marketplace		
SaaS	June 28, 2022 on AWS	Client purchase's **single** part (includes software, infrastructure & operations)	**IBM** provisions, manages & operates Client's MAS environment using IBM's AWS cloud account	• Reduced time to value • Reduced operational costs • Allows client to focus on business priorities
Managed (Dedicated) Service	Now on IBM Cloud, 1Q23 on AWS	Client purchases: 1) Software and 2) Managed Service (including infrastructure) from IBM	**IBM** provisions, manages & operates MAS environment using IBM's cloud account	• Simplifies deployment & operations • Provides more flexibility to customize environment than SaaS • Provides more operational flexibility than SaaS
Other Solutions (MaaS, Cloud Managed Service Offerings, Dedicated, ...)	Now IBM Cloud, AWS, ...	Client purchases: 1) Software or BYOL, and ... 2) Managed Service (including infrastructure)	**MSP** provisions, manages & operates v76x/MAS environment	• Simplifies deployment & operations • Flexibility to customize, integrate, develop as needed • Upgrade path to MAS on your timeline (maybe even after EOS)

AppPoint Math

(Available for v.7.6.1.x & MAS8)

User's access to modules and solutions

+

Admin Users

+

Installs

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)
- Data Transfer via devices and sensors (Safety)

Limited User

Concurrent	Authorized
5 AppPoints	2 AppPoints

3 Modules:
- Manage
- Manage Industry Solutions
- Manage Add-ons

Mobile
- Maximo Mobile
- Assist
- Anywhere
- 3rd Party

Monitor

Base User

Concurrent	Authorized
10 AppPoints	3 AppPoints

Manage
Includes:
- Linear
- Calibration
- Spatial (requires install)
Scheduler

Health

Safety

Premium User

Concurrent	Authorized
15 AppPoints	5 AppPoints

Manage
Industry Solutions
- O&G, Aviation, Transportation, Utilities, Nuclear, Civil Infrastructure

Add-ons
- ACM, SP, HSE

Predict

Health and Predict - Utilities

Visual Inspection

Admin User Type	Reserved Points	Role
Application	Base **(10)**	Add & assign users to applications and manage user privileges
Suite	Premium **(15)**	Manages overarching system configuration settings

Install – 1 AppPoint (x multiplier)

For each Production Env Install

SAP/Oracle Connector **(x80)**	Spatial **(x20)**	Civil Infrastructure **(x50)**	Visual Inspection **(x45)** MVI Edge **(x1 per Connected Device)**	Assist **(x150)**	Health & Predict - Utilities **(x60)**
Manage-Workday Connector **(x80)**		Optimizer **(x220)**	Optimizer Limited **(x60)**		

Illustrations: v7 Licenses conversion to AppPoints

Operating Model: Frequent system use by single shift positions
Conversion: v7 named users to MAS AppPoint Authorized user types

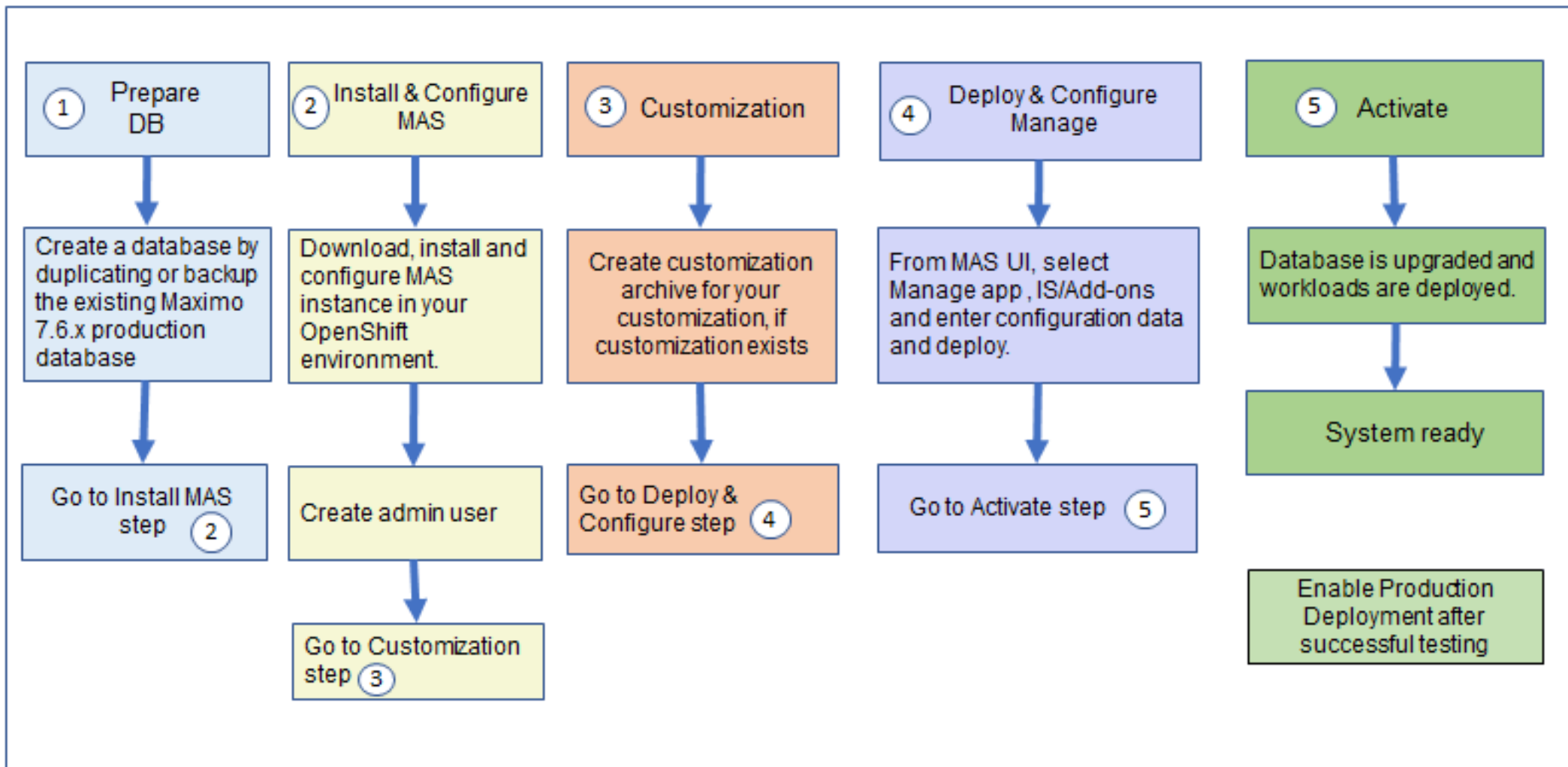| Maximo V7 License Type	Qty	MAS User/Install Type	Qty	AppPts per	AppPts Total
Authorized User	30	Base Authorized	30	3	90
Oil & Gas Authorized User	30	Premium Authorized	30	5	150
Limited User	60	Limited Authorized	60	2	120
Oil & Gas Limited User	60	Limited Authorized	60	2	120
Express User	120	Limited Authorized	120	2	240
		TOTAL			720

Operating Model: Three shift positions and sporadic use by single shift positions
Conversion: v7 concurrent users to MAS AppPoint Concurrent user types

Maximo V7 License Type	Qty	MAS User/Install Type	Qty	AppPts per	AppPts Total
Authorized Concurrent User	10	Base Concurrent	10	10	100
Oil & Gas Concurrent User	10	Premium Concurrent	10	15	150
Limited User	60	Limited Concurrent	20	5	100
Oil & Gas Limited User	60	Limited Concurrent	20	5	100
Express Concurrent User	40	Limited Concurrent	40	5	200
		TOTAL			650

MAS 8 Preparation

Upgrade Process Overview

① Prepare DB	② Install & Configure MAS	③ Customization	④ Deploy & Configure Manage	⑤ Activate
Create a database by duplicating or backup the existing Maximo 7.6.x production database	Download, install and configure MAS instance in your OpenShift environment.	Create customization archive for your customization, if customization exists	From MAS UI, select Manage app , IS/Add-ons and enter configuration data and deploy.	Database is upgraded and workloads are deployed.
Go to Install MAS step ②	Create admin user	Go to Deploy & Configure step ④	Go to Activate step ⑤	System ready
	Go to Customization step ③			Enable Production Deployment after successful testing

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Planning and Scheduling

The Mobile Jungle:
Mobile and Predictive Technologies

Michael Nutt

A Digital Renaissance

Digital Renaissance

The *Art*
Of
Mobile-First

The *Language*
of
Cyber Senses

The *Philosophy*
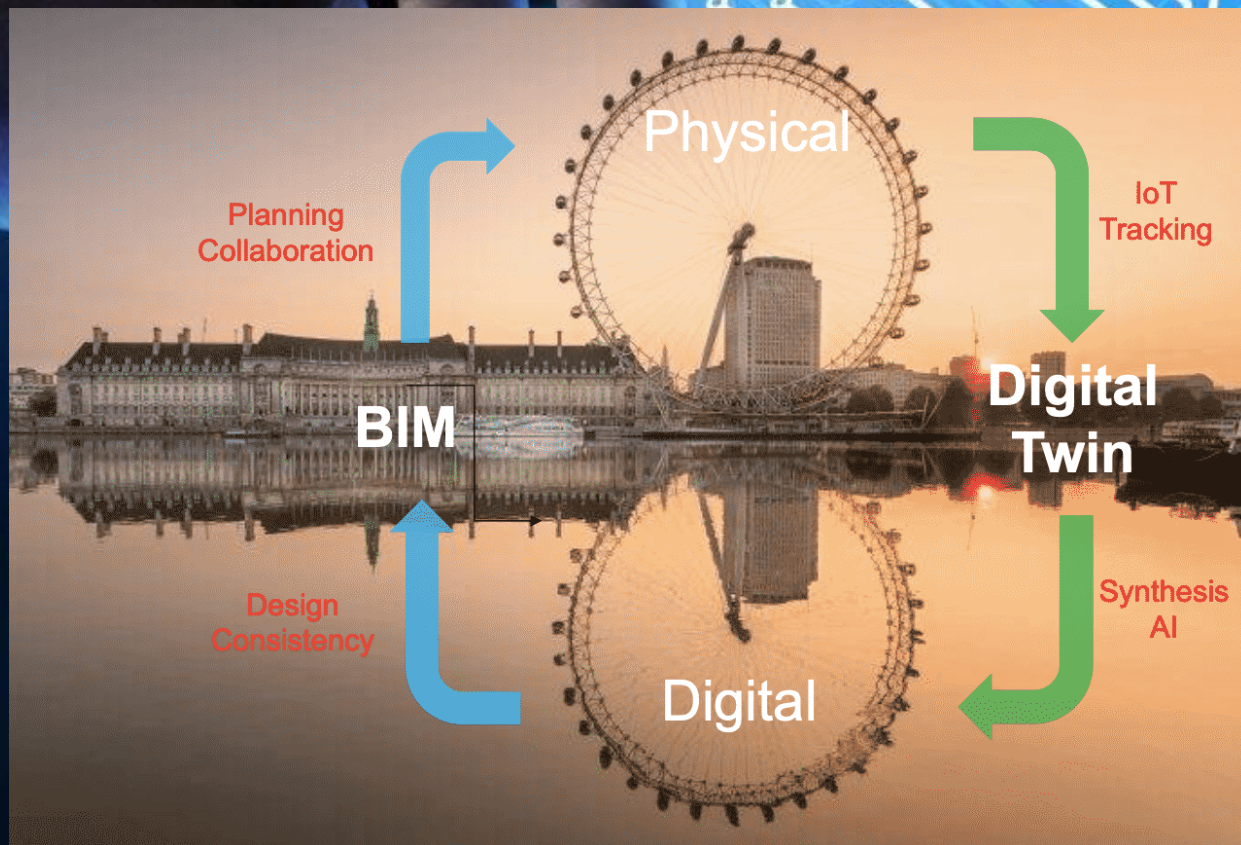of
Data Visualization

Mobility

Useability

Connectivity

Security

Industrial Internet of Things

Digital Twin Visualization

"With data we can talk about science. Without data, we can only discuss philosophy."

Optimizing Maximo Performance
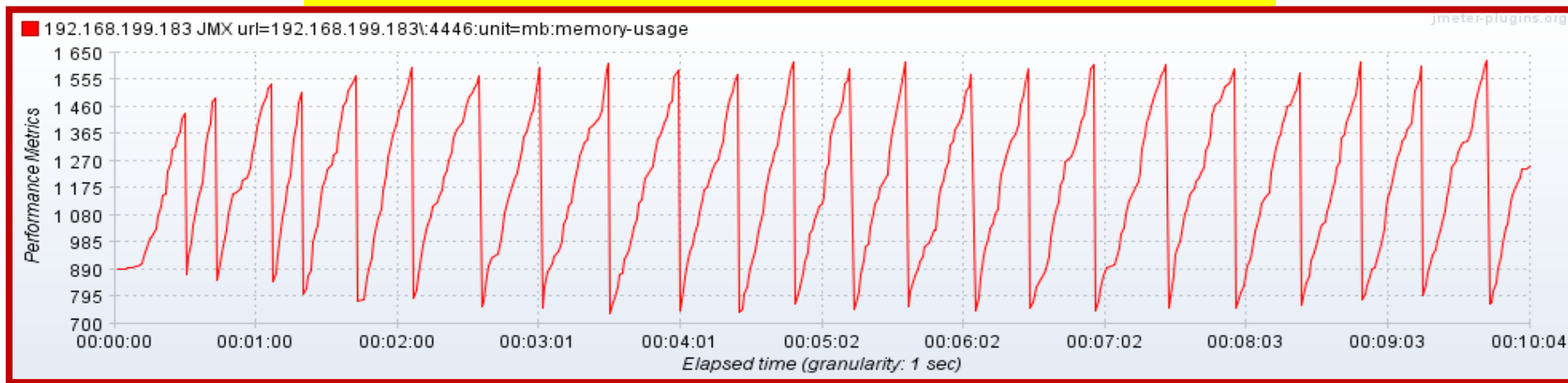
Maximo Performance Benchmarking
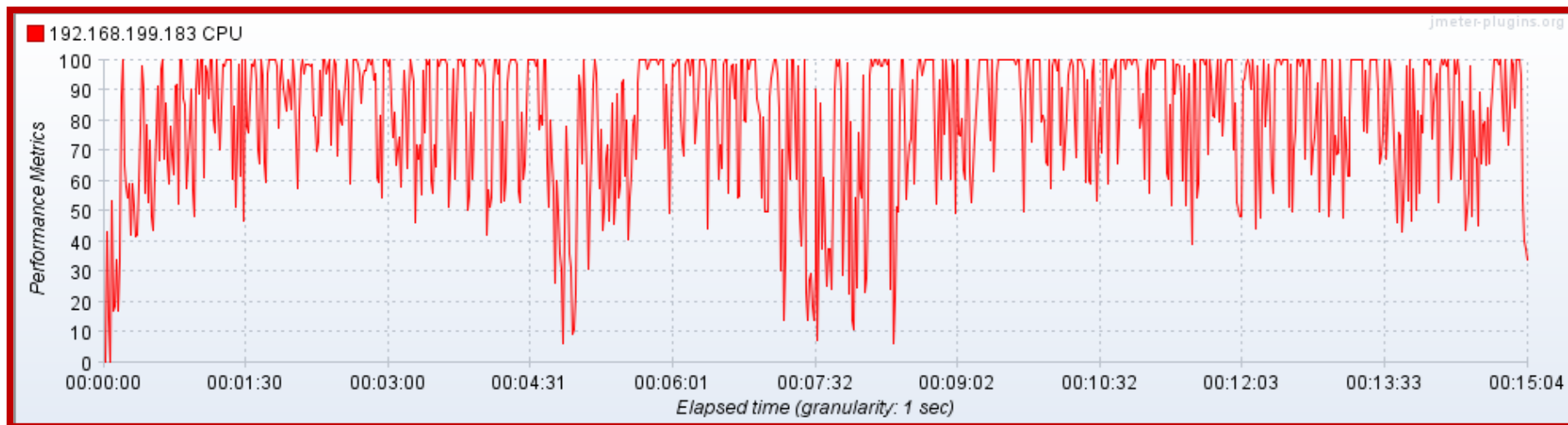
BEFORE
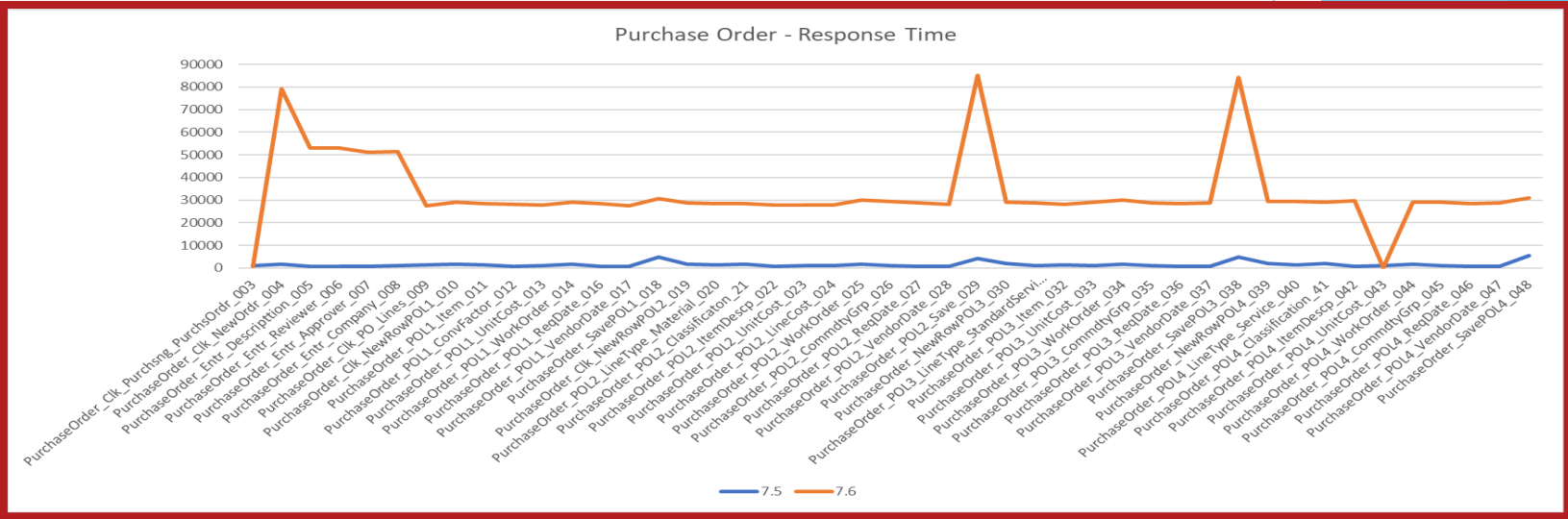
AFTER

Optimizing Maximo Performance

Common Gridlocks

Best Practices for Maximo Upgrade / Testing & Performance Tuning