

# What can you do now in Maximo 7.6 to prepare for Maximo Application Suite

MAXIMO 7.6.1.X END OF SUPPORT – 9/30/2025  
ARE YOU READY?

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IBM CHAMPION 2024



- Delivering Maximo Managed Solutions since 1999
- Manage 450+ Total Maximo Environments Daily
  - Includes 50+ Maximo Application Suite (MAS) Environments
- Global partner network



# Agenda

- Integrity Check
- Authentication – SAML – the new cloud standard
- Upgrade to 7.6.1.3 and why
- Leverage REST API and Automation Scripts
  - Use APIKEYS now in your integrations

# Integrity Check – Run today and in 1 month

- Integrity checker

- Run in 'Report' mode
- Address errors – especially autokey, database structure and many others. Here are a couple examples:

BMXAA0443E -- Error - BMXAA0538E -- Column BUDGETRULE.BUDGETRULENUM is mapped to AutoKey BUDGETRULE, but the autokey does not exist.

BMXAA0442W -- Warning - BMXAA0498W -- The following columns are defined to be 'same-as' , but have different must-be settings. Go to the Database Configuration application and fix the mismatch.

- Compare results between the runs

# Authentication – SAML – the new cloud standard

- Authentication – Switch to SAML
  - MAS supports SAML, LDAP, and Native (MongoDB)
  - LDAP generally requires direct access to Active Directory (a big IT security risk)
  - SAML authentication is the new cloud standard
    - Multi-factor authentication can be leveraged with most SAML identity providers
  - Choose Mobile and add-ons that support SAML authentication
  - Identity provider examples: Okta, Active Directory Federation Services, Auth0, MS Entra ID, & more

# Upgrade to 7.6.1.3 and why

- Same BIRT version (4.8.0) as Manage
  - Increased “Sensitivity” so some 7.6.1.2 reports will break
- Most ready version to upgrade to MAS
- Extended Support requires the last supported fixpack for 7.6.1.3



# BIRT 'Sensitivity issues'

Script: fetch

```
// The specific get method should match the data type of  
row["polinum"] = polineDataSet.getInteger("polinum");  
row["catalogcode"] = polineDataSet.getString("catalogcode");  
row["itemnum"] = polineDataSet.getString("itemnum");  
row["conditioncode"] = polineDataSet.getString("conditioncode");  
row["currencycode"] = polineDataSet.getString("currencycode");  
row["description"] = polineDataSet.getString("description");  
row["totalcost"] = polineDataSet.getDouble("totalcost");  
row["orderqty"] = polineDataSet.getString("orderqty");  
row["orderunit"] = polineDataSet.getString("orderunit");  
row["manufacturer"] = polineDataSet.getString("manufacturer");  
row["modelnum"] = polineDataSet.getString("modelnum");  
row["unitcost"] = polineDataSet.getDouble("unitcost");  
row["linecost"] = polineDataSet.getDouble("linecost");  
row["tax1"] = polineDataSet.getDouble("tax1");  
row["shipto"] = polineDataSet.getString("shipto");  
row["shiptoattention"] = polineDataSet.getString("shiptoattention");  
row["inclusive1"] = polineDataSet.getDouble("inclusive1");  
row["siteaddr1"] = polineDataSet.getString("siteaddr1");  
row["siteaddr2"] = polineDataSet.getString("siteaddr2");  
row["siteaddr3"] = polineDataSet.getString("siteaddr3");
```

polineDataSet

- polinum
- catalogcode
- itemnum
- conditioncode
- currencycode
- description
- totalcost
- orderqty
- orderunit
- unitcost
- linecost
- tax1
- inclusive1
- manufacturer
- modelnum
- shipto

Edit Data Set - polineDataSet

Name	Type
polinum	Integer
catalogcode	String
itemnum	String
conditioncode	String
currencycode	String
description	String
totalcost	Decimal
orderqty	Decimal
orderunit	String
unitcost	Decimal
linecost	Decimal
tax1	Decimal
inclusive1	Decimal
manufacturer	String

Exception

There was an exception on the server. Check your report parameter values, or contact your system administrator, who can find additional details in the server log.

OK Cancel

# Leverage REST API and Automation Scripts

- Get away from triggers, stored procedures and other external code that updates Maximo data
- USE APIKEYS now in integrations – no need to wait for MAS
  - Video: <http://tinyurl.com/UseAPIKeysNow>
  - Doc: <https://tinyurl.com/RestAPIGuide>
  - REST: <https://tinyurl.com/ibmrestapi>
- Use COTS functions wherever possible over scripting
  - Extend PM's with existing function
  - Reassign W.O. Owners from list to do large groups



## Recap

- Run Integrity Check today and in a month – upgrade or not
- Authentication – SAML – the new cloud standard
- Upgrade to 7.6.1.3 and why
- Leverage REST API and Automation Scripts
  - Use APIKEYS now in your integrations

# Reference Links

- [Moving from EAM to Manage](#)
- [What's new with Maximo Manage 8.0 - 8.7](#)
- [Application Suite 8.8 and later – continuous delivery model](#)
- [Customization Standards](#)
- [Maximo Application Suite Admin APIs 8.11.x](#)
- [Generating Entity Relationship Documents \(ERDs\)](#)
- [Role Based Applications – Work Orders](#)
- [Role Based Applications – Operational Dashboard](#)
- [Navigation differences – Manage vs. 7.6.x](#)
- [MAS Authentication options](#)
- [Join the IBM Maximo Product Updates Group](#)
- [IBM Maximo Product Updates Group – for Members](#)

# Thank You

