

What you can do now in 7.6.1.3 to prepare for MAS 8/9



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The asset management journey.
Streamlined.



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[IBM Champion 2024/2025](#)

[Maximo 7.6.1.x End of Support – 9/30/2025 ;<3 months to go; Are you ready?](#)



What can you do on 7.6.1.3 to prepare for MAS?



I have a bad feeling about this.

7.6.1 Support Timeline Reminder

R 7.6.1

GA
July 2018

EOM/EOS
Announced
April 2022

EOM
April 2024

End of
Life
Sept 2025

Extended Support
Option
Sept 2026

Sustained Support
Option
Sept 2030

Must be on
v7.6.1.3

Upgrade/Trade-up to
MAS Parts/License

EAM 7.6.1.x EOS

Dual Support Ends

Sept 2025

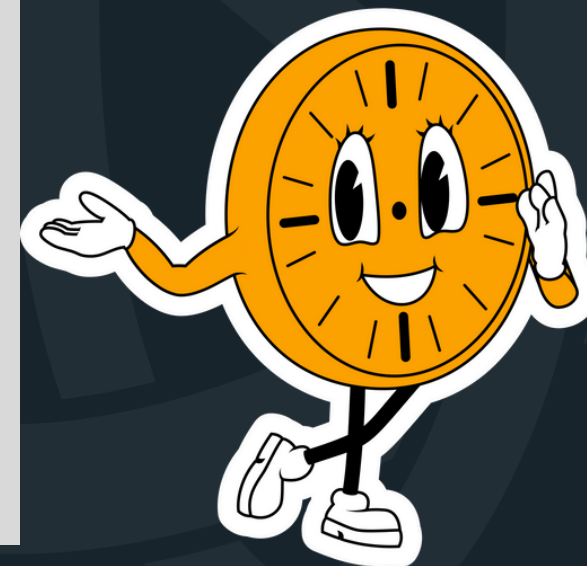
April 2027

MAS LI – migrating to Manage

Up to 18 months extra support past EOS EAM date

Base MAS Support: Usage + Fixes + Enhancements

Dual Support - includes EAM 761x Support: Usage + Existing fixes only



What you can do now in 7.6.1.3 to prepare for MAS 8/9

- Leverage REST API and Automation Scripts
- Authentication – SAML
- Upgrade to 7.6.1.3 and why
- Integrity Check

Leverage REST API and Automation Scripts

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

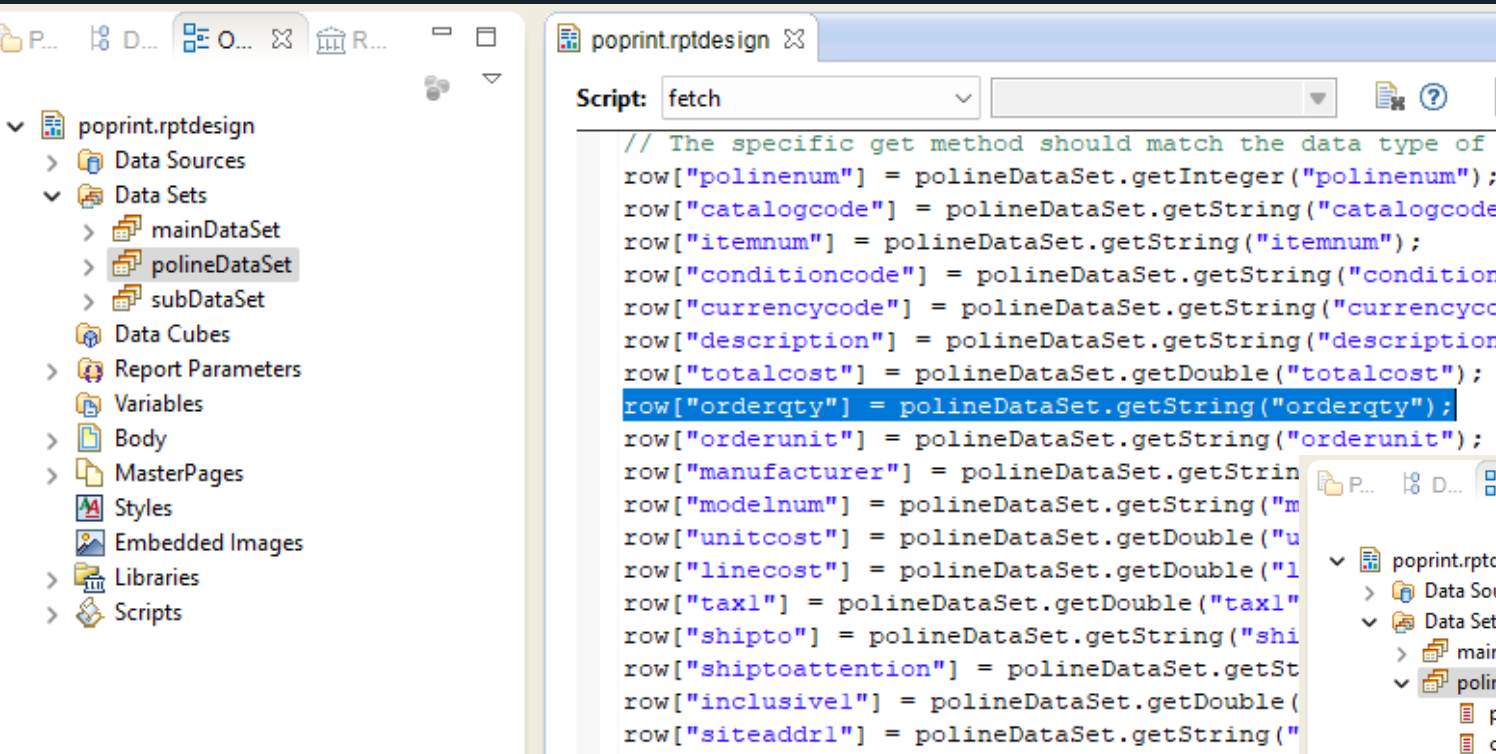
Authentication – SAML – the new cloud standard with MFA

- Authentication – Switch to SAML esp. for Multi-factor (MFA)
 - Evaluate your authentication REQUIREMENTS
 - (SAML, LDAP or Native – all are available in MAS)
 - LDAP requires direct access to Active Directory (IT security risk)
 - SAML authentication is the new cloud standard
 - MFA can be leveraged with most SAML identity providers
 - Choose Mobile and add-ons that support SAML authentication
 - SAML Identity provider examples: Okta, Active Directory Federation Services, Auth0, MS Entra ID, & more

Upgrade to 7.6.1.3 and why

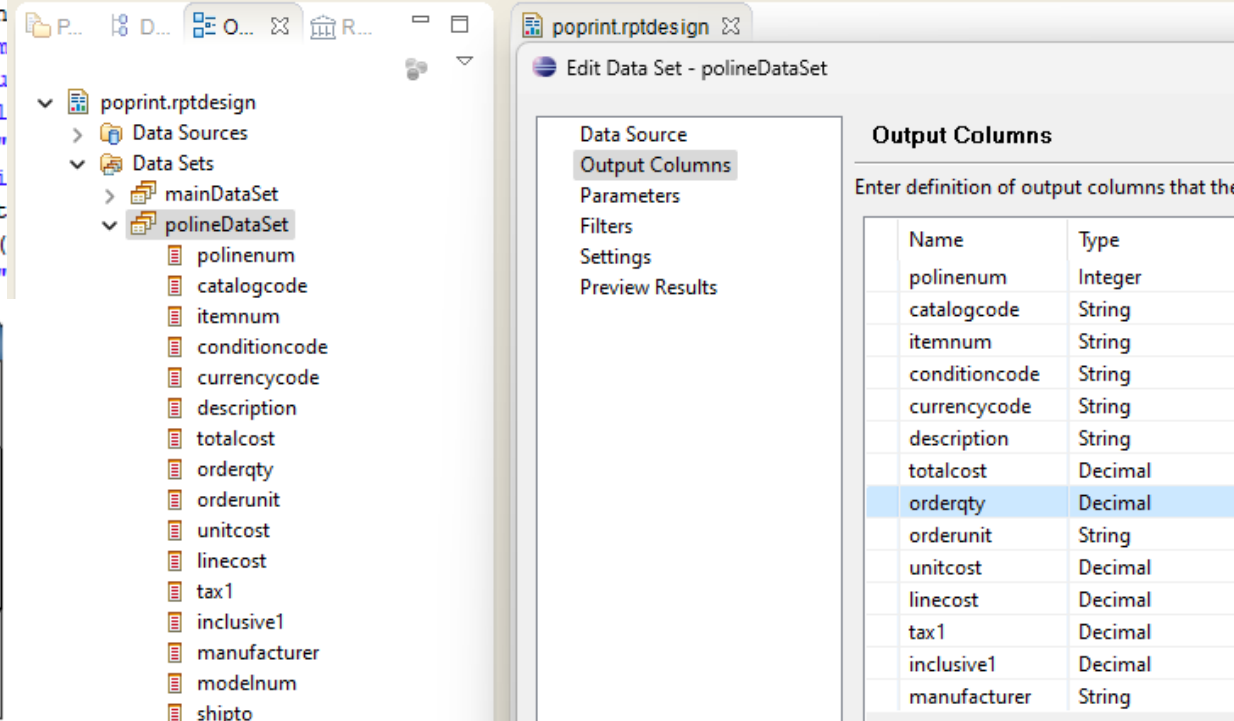
- You can upgrade from 7.6.0.10, 7.6.1.2, or 7.6.1.3 but...
 - 7.6.1.3 has the Same BIRT version (4.8.0) as Manage
 - Increased “Sensitivity” so some 7.6.1.2 reports will break
 - Most ready version to upgrade to MAS
 - Extended Support requires the last supported fixpack for 7.6.1.3

BIRT 'Sensitivity issues'



The screenshot shows the BIRT report designer interface. On the left, a tree view displays the report structure: 'popint.rptdesign' containing 'Data Sources', 'Data Sets' (with 'mainDataSet', 'polineDataSet', and 'subDataSet'), 'Data Cubes', 'Report Parameters', 'Variables', 'Body', 'MasterPages', 'Styles', 'Embedded Images', 'Libraries', and 'Scripts'. The main editor area shows a script for the 'fetch' script. The script contains several lines of code that use the 'polineDataSet' to retrieve data. The line `row["orderqty"] = polineDataSet.getString("orderqty");` is highlighted in blue, indicating an error. The error message, visible in the bottom-left exception dialog, states: '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.'

```
// The specific get method should match the data type of
row["polinenumber"] = polineDataSet.getInteger("polinenumber");
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");
```



The screenshot shows the 'Edit Data Set - polineDataSet' dialog box. The 'Output Columns' tab is selected, showing a list of output columns and their data types. The columns are: polinenumber (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), and manufacturer (String). The 'orderqty' column is highlighted in blue.

Name	Type
polinenumber	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

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

Reference Links

- [Upgrade checklist – this has the reference to the customization archive](#)
- [Upgrading from Maximo Asset Management to IBM Maximo Manage](#)
- [Upgrading from Maximo Asset Management to IBM Maximo Manage pdf version](#)
- [Moving from EAM to Manage Blog](#)
- [What's new with Maximo Manage 8.0 – 8.7](#)
- [Application Suite 8.8 and later – continuous delivery model](#)
- [Customization Standards](#)
- [Classname Prefixes for Industry Solutions](#)
- [MAS Authentication options](#)
- [Maximo Application Suite Admin APIs 8.11.x](#)
- [IBM REST API Guide](#)
- [Maximo Automation Script Wiki](#)
- [MAS 8.11 – Multiple Identity Providers](#)
- [Generating Entity Relationship Documents 7.6.x \(ERDs\)](#)
 - [MAS ERD](#)
- [Role Based Applications – Work Orders](#)
- [Role Based Applications – Operational Dashboard](#)
- [Navigation differences – Manage vs. 7.6.x](#)
- [Maximo Application Suite Update: A look at 2024 and beyond \(v9!\)](#)
- [Prepare for MAS: Utilizing S3 Storage for Attached Documents in 7.6.1](#)
- [Join the IBM Maximo Product Updates Group](#)
- [IBM Maximo Product Updates Group – for Members](#)
- [Navigating 7.x End of Support](#)
- [Projetechn's Lift & Shift Methodology](#)

QUESTIONS?