



**PUBLIC**

SAP Service and Asset Manager

Document Version: 2410 – 2026-04-09

# Upgrading SAP Service and Asset Manager

# Content

- 2     **Upgrading SAP Service and Asset Manager - Back End Compatibility.** . . . . . **4****
- 2.1    SAP S/4HANA and SAP Service and Asset Manager Application Compatibility. . . . . 6
- 2.2    SAP ERP and SAP Service and Asset Manager Application Compatibility. . . . . 13
  
- 3     **SAP Service and Asset Manager High Level Upgrade Process.** . . . . . **20****
- 3.1    Applying SAP Notes and Patches. . . . . 21
- 3.2    Migrating Custom Configurations to a Newer Version of the Mobile Application . . . . . 22
- 3.3    Creating a New SAP Service and Asset Manager App on the SAP Business Technology Platform  
          . . . . . 23
  
- 4     **SAP Service and Asset Manager Metadata Upgrade Tool.** . . . . . **25****
- 4.1    Upgrading SAP Service and Asset Manager Metadata. . . . . 26
  
- 5     **Appendix.** . . . . . **37****
- 5.1    Migrating SAP Service and Asset Manager 2105 or Earlier Metadata to Mobile Development Kit 6.x  
          . . . . . 37

# 1 Document History

Before you begin reading this guide, be sure that you have the latest version. Find the latest version at [https://help.sap.com/docs/SAP\\_SERVICE\\_ASSET\\_MANAGER](https://help.sap.com/docs/SAP_SERVICE_ASSET_MANAGER).

The following table provides an overview of the most important document changes.

Document Version	Date	Description of Changes
1.0	JUN 2025	Original release of the <i>Upgrading SAP Service and Asset Manager</i> guide, version 2505.

## 2 Upgrading SAP Service and Asset Manager - Back End Compatibility

Mobile App Release	Minimum Required SAP S/4HANA Back End	Minimum Required SAP S/4HANA 1610+ Add-On Component	Minimum Required SAP ERP 6.0 EHP7 SP14+ Add-On Component
2505	1909	SP17	SP16
		S4MFND 100 SP17	SMFND 630_740 SP16
		S4MERP 100 SP17	SMERP 630_740 SP16
		S4MISU 100 SP15	SMISU 630_740 SP16
2410	1909	SP16	SP15
		S4MFND 100 SP16	SMFND 630_740 SP15
		S4MERP 100 SP16	SMERP 630_740 SP15
		S4MISU 100 SP14	SMISU 630_740 SP15
2405	1909	SP15	SP14
		S4MFND 100 SP15	SMFND 630_740 SP14
		S4MERP 100 SP15	SMERP 630_740 SP14
		S4MISU 100 SP13	SMISU 630_740 SP14
2310	1909	SP14	SP13
		S4MFND 100 SP14	SMFND 630_740 SP13
		S4MERP 100 SP14	SMERP 630_740 SP13
		S4MISU 100 SP12	SMISU 630_740 SP13
2305	1909	SP13	SP12
		S4MFND 100 SP13	SMFND 630_740 SP12
		S4MERP 100 SP13	SMERP 630_740 SP12
		S4MISU 100 SP11	SMISU 630_740 SP12
2210	1909	SP12	SP11
		S4MFND 100 SP12	SMFND 630_740 SP11
		S4MERP 100 SP12	SMERP 630_740 SP11
		S4MISU 100 SP10	SMISU 630_740 SP11

Mobile App Release	Minimum Required SAP S/4HANA Back End	Minimum Required SAP S/4HANA 1610+ Add-On Component	Minimum Required SAP ERP 6.0 EHP7 SP14+ Add-On Component
2205	1909	SP11	SP10
		S4MFND 100 SP11	SMFND 630_740 SP10
		S4MERP 100 SP11	SMERP 630_740 SP10
		S4MISU 100 SP9	SMISU 630_740 SP10
2110	1909	SP10	SP09
		S4MFND 100 SP10	SMFND 630_740 SP09
		S4MERP 100 SP10	SMERP 630_740 SP09
		S4MISU 100 SP8	SMISU 630_740 SP09
2105	1909	SP09	SP08
		S4MFND 100 SP09	SMFND 630_740 SP08
		S4MERP 100 SP09	SMERP 630_740 SP08
		S4MISU 100 SP7	SMISU 630_740 SP08
2010	1909	SP08	SP07
		S4MFND 100 SP08	SMFND 630_740 SP07
		S4MERP 100 SP08	SMERP 630_740 SP07
		S4MISU 100 SP06	SMISU 630_740 SP07
2005	1909	SP07	SP06
		S4MFND 100 SP07	SMFND 630_740 SP06
		S4MERP 100 SP07	SMERP 630_740 SP06
		S4MISU 100 SP05	SMISU 630_740 SP06
1911	1909	SP06	SP05
		S4MFND 100 SP06	SMFND 630_740 SP05
		S4MERP 100 SP06	SMERP 630_740 SP05
		S4MISU 100 SP04	SMISU 630_740 SP05
4.0	1909	SP04	SP03
		S4MFND 100 SP04	SMFND 630_740 SP03
		S4MERP 100 SP04	SMERP 630_740 SP03
		S4MISU 100 SP02	SMISU 630_740 SP03















**Note**

\*SAM stands for SAP Service and Asset Manager

## 2.2 SAP ERP and SAP Service and Asset Manager Application Compatibility

The SAP Mobile Add-On for SAP ERP 6.3 provides integration services for various mobile applications in SAP ERP systems.

**Note**

- For detailed information, see [2495578](#): *Release Information Note - Mobile Add-On for SAP S/4HANA and Support Packages.*

Mo-  
bile  
Add-  
On

Re-lease	Re-lease Date	Re-lease 2505	Re-lease 2410	Re-lease 2405	Re-lease 2310	Re-lease 2305	Re-lease 2210	Re-lease 2205	Re-lease 2110	Re-lease 2105	Re-lease 2010	Re-lease 2005	Re-lease 1911	Re-lease 4.0
SP16 (SMF ND 630_7 40 SP16, SMER P 630_7 40 SP16, SMIS U 630_7 40 SP16)	JUL 2025	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Mo- bile Add- On Re- lease	Re- lease Date	Re- lease 2505	Re- lease 2410	Re- lease 2405	Re- lease 2310	Re- lease 2305	Re- lease 2210	Re- lease 2205	Re- lease 2110	Re- lease 2105	Re- lease 2010	Re- lease 2005	Re- lease 1911	Re- lease 4.0
SP15 (SMF ND 630_7 40 SP15, SMER P 630_7 40 SP15, SMIS U 630_7 40 SP15)	NOV 2024	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SP14 (SMF ND 630_7 40 SP14, SMER P 630_7 40 SP14, SMIS U 630_7 40 SP14)	MAY 2024	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

**Mo-  
bile  
Add-  
On**

Re-lease	Re-lease Date	Re-lease 2505	Re-lease 2410	Re-lease 2405	Re-lease 2310	Re-lease 2305	Re-lease 2210	Re-lease 2205	Re-lease 2110	Re-lease 2105	Re-lease 2010	Re-lease 2005	Re-lease 1911	Re-lease 4.0
SP13 (SMF ND 630_7 40 SP13, SMER P 630_7 40 SP13, SMIS U 630_7 40 SP13)	NOV 2023	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SP12 (SMF ND 630_7 40 SP12, SMER P 630_7 40 SP12, SMIS U 630_7 40 SP12)	JUN 2023	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Mo- bile Add- On Re- lease	Re- lease Date	Re- lease 2505	Re- lease 2410	Re- lease 2405	Re- lease 2310	Re- lease 2305	Re- lease 2210	Re- lease 2205	Re- lease 2110	Re- lease 2105	Re- lease 2010	Re- lease 2005	Re- lease 1911	Re- lease 4.0
SP11 (SMF ND 630_7 40 SP11, SMER P 630_7 40 SP11, SMIS U 630_7 40 SP11)	OCT 2022	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SP10 (SMF ND 630_7 40 SP10, SMER P 630_7 40 SP10, SMIS U 630_7 40 SP10)	JUN 2022	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes

**Mo-  
bile  
Add-  
On**

Re-lease	Re-lease Date	Re-lease 2505	Re-lease 2410	Re-lease 2405	Re-lease 2310	Re-lease 2305	Re-lease 2210	Re-lease 2205	Re-lease 2110	Re-lease 2105	Re-lease 2010	Re-lease 2005	Re-lease 1911	Re-lease 4.0
SP09 (SMF ND 630_7 40 SP09, SMER P 630_7 40 SP09, SMIS U 630_7 40 SP09)	NOV 2021	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
SP08 (SMF ND 630_7 40 SP08, SMER P 630_7 40 SP08, SMIS U 630_7 40 SP08)	JUN 2021	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes

Mo- bile Add- On	Re- lease Date	Re- lease 2505	Re- lease 2410	Re- lease 2405	Re- lease 2310	Re- lease 2305	Re- lease 2210	Re- lease 2205	Re- lease 2110	Re- lease 2105	Re- lease 2010	Re- lease 2005	Re- lease 1911	Re- lease 4.0
SP07 (SMF ND 630_7 40 SP07, SMER P 630_7 40 SP07, SMIS U 630_7 40 SP07)	OCT 2020	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
SP06 (SMF ND 630_7 40 SP06, SMER P 630_7 40 SP06, SMIS U 630_7 40 SP06)	MAY 2020	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes Yes

**Mo-  
bile  
Add-  
On**

Re-lease	Re-lease Date	Re-lease 2505	Re-lease 2410	Re-lease 2405	Re-lease 2310	Re-lease 2305	Re-lease 2210	Re-lease 2205	Re-lease 2110	Re-lease 2105	Re-lease 2010	Re-lease 2005	Re-lease 1911	Re-lease 4.0
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SP05 (SMF ND 630_7 40 SP05, SMER P 630_7 40 SP05, SMIS U 630_7 40 SP05)	NOV 2019	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes
--	-------------	----	----	----	----	----	----	----	----	----	----	----	-----	-----

SP03 (SMF ND 630_7 40 SP03, SMER P 630_7 40 SP03, SMIS U 630_7 40 SP03)	JUN 2019	No	No	No	No	No	No	No	No	No	No	No	No	Yes
--	-------------	----	----	----	----	----	----	----	----	----	----	----	----	-----

### 3 SAP Service and Asset Manager High Level Upgrade Process

Use the following high-level process table for information on the process steps to take when upgrading the SAP Service and Asset Manager application.

Step	High Level Procedure
1	<p>Know which back end version and which SAP Service and Asset Manager version you are upgrading to and determine their compatibility. See the following topics for more details:</p> <ul style="list-style-type: none"> <li>• <a href="#">SAP S/4HANA and SAP Service and Asset Manager Application Compatibility [page 6]</a></li> <li>• <a href="#">SAP ERP and SAP Service and Asset Manager Application Compatibility [page 13]</a></li> </ul> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 10px; margin-top: 10px;"> <p><b>Note</b></p> <p>If you are upgrading on an SAP S/4HANA Mobile Application Integration Framework, locate and implement the FPS upgrade.</p> </div>
2	<p>Collect and read the SAP release notes that are necessary for your upgrade. See <a href="#">Upgrading SAP Service and Asset Manager - Back End Compatibility [page 4]</a>.</p>
3	<p>Implement the release notes and associated patches when needed during the upgrade procedure. See <a href="#">Applying SAP Notes and Patches [page 21]</a></p>
4	<p>Activate the BC set for your upgraded version of SAP Service and Asset Manager</p>
4a	<p>If you are performing a full upgrade, ensure that you upgrade MFND, ISU, etc.</p>
5	<p>Access the ConfigPanel. Replicate any customizations you have made to the app to your new version of SAP Service and Asset Manager. Your upgraded app does not contain any of your customizations. See <a href="#">Migrating Custom Configurations to a Newer Version of the Mobile Application [page 22]</a>.</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 10px; margin-top: 10px;"> <p><b>Note</b></p> <p>If you have not kept a record of customizations, use the <a href="#">Compare</a> program.</p> </div>
6	<p>Activate the oData service. See the <a href="#">Updating Offline Settings for SAP Service and Asset Manager Overview</a> procedure.</p>
7	<p>Create the new version of the SAP Service and Asset Manager application on the SAP Business Technology Platform. See <a href="#">Creating a New SAP Service and Asset Manager App on the SAP Business Technology Platform [page 23]</a>.</p>
8	<p>Phase in the new app. See the <a href="#">Building and Branding the SAP Service and Asset Manager Application Client</a> procedure for details.</p>
9	<p>Update the metadata. See <a href="#">How to deploy SAP Service and Asset Manager metadata definitions to Mobile Services</a>.</p>
10	<p><b>OPTIONAL:</b> Upgrade the SAP Service and Asset Manager metadata by using the <a href="#">SAP Service and Asset Manager Metadata Upgrade Tool [page 25]</a>.</p>





Step	High Level Procedure
11	If the new application is up and running, and the old one is no longer needed, decommissioning the old application can improve system performance. For more information about the procedure, refer to the <a href="#">High-Level Decommissioning Guide Process for SAP Service and Asset Manager</a> topic.

## 3.1 Applying SAP Notes and Patches

### Context

Implement the release notes and associated patches when needed during the upgrade procedure.

### Procedure

1. Use the *SNOTE* transaction in the SAP GUI on your back end system.
2. Read the note carefully. Check for validity, preimplementation steps, post-implementation steps, and prerequisites.
3. Download or upload the desired note by performing the procedure found in [How to Download/Upload SAP Note in SNOTE](#) .
4. If necessary, perform any preimplementation steps.
5. If necessary, perform any prerequisite steps.
6. Implement the note. Then, navigate to  *Goto*  *SAP Note Browser* .
7. Make sure that the implementation status of the note is *Can be Implemented* or *Obsolete version Implemented*.
8. Select the note, and press *F8* to proceed with implementation. SNOTE also allows you to implement a set of notes together.
9. Select the request from the pop-up window, or create a new request. SNOTE lists out objects.
10. Press *Ctrl+F5* to see the final status and log of note implementation.

### Next Steps

If post-implementation steps are required, perform the steps.

## 3.2 Migrating Custom Configurations to a Newer Version of the Mobile Application

### Context

With the MAIF configurations for SAP Service and Asset Manager, you can change and customize the standard configuration based on your organization's specific business needs. To support your upgrading process of SAP Service and Asset Manager, there is now a MAIF utility report `/SMFND/CORE_MIGRATE_MAPP_CONFIG` that helps you to copy customized configuration from an older version of the mobile application to a newer one. This tool automates the task of manually copying over custom configuration across applications one-by-one.

#### Note

- This report uses comparison logic only available from backends supporting SAP Service and Asset Manager 2305 and onwards. Migrating earlier versions will not work.
- Ensure that the release version of the source application is less than the release version of the target version. If a related error appears when executing the program, go to the [Mobile Application Configuration](#) section in the Configuration Panel, and check the field labeled as [Release](#). Make sure that the value here is greater in the target application than in the source application.
- If the source and/or target application is a custom Z application, the application patterns should also reflect this namespace accordingly (e.g. ZSAM2305).

### Procedure

1. Log on to SAP and execute the transaction code SE38.
2. Enter the program `/MFND/CORE_CORRECT_TAG_ID_PROG` and execute.
  1. Select a mobile application.
  2. Execute the program.
3. Enter the program `/SMFND/CORE_MIGRATE_MAPP_CONFIG` and execute.

A selection screen appears.
4. Fill out the fields as follows:
  1. [Source Application](#) – The older mobile application that contains the custom configurations.
  2. [Target Application](#) – The new mobile application where the custom configurations should be copied to.
  3. [Customizing Request](#) – These migrating changes will be captured in the provided customizing request. The F4 input help is available if needed.
  4. [Source Application Pattern](#) – The prefix of the source application that many configuration objects have. That helps to identify which mobile application and version the object is associated with.

#### Note

For example, if the source application is SAP Service and Asset Manager 2305, the standard oMDOs begin with SAM2305 so SAM2305 is the prefix.

5. *Target Application Pattern* – The prefix of the target application that many configuration objects have. That helps to identify which mobile application and version the object is associated with.
6. *Source App feat/persona prefix* – Only relevant if the source application is a custom Z mobile application. Z mobile applications will have a prefix in front of the persona and feature names. Enter this prefix here.

#### ⓘ Note

For example, the source app is ZSAP\_SERVICE\_ASSET\_MANAGER\_2305 and one of the features are Z\_CA\_ATTACHMENT. In this case, Z\_ is the prefix.

7. *Target App feat/persona prefix* – Only relevant if the target application is a custom Z mobile application. Z mobile applications will have a prefix in front of the persona and feature names. Enter this prefix here.

#### ⓘ Note

For example the target app is ZSAP\_SERVICE\_ASSET\_MANAGER\_2305 and one of the features are Z\_CA\_ATTACHMENT. In this case, Z\_ is the prefix.

8. Select the components to migrate.
5. **Optional:** Use the *Test Run* and *Enable Detailed Logging* options to test and view the records that will be copied to the target application.
6. Execute the program with the provided input.

## 3.3 Creating a New SAP Service and Asset Manager App on the SAP Business Technology Platform

#### ⓘ Note

To create and update an SAP Mobile Services app for the SAP Service and Asset Manager mobile app, follow the tutorial <https://developers.sap.com/tutorials/mob-app-mao-erp-app-create.html>.

Depending on how you installed the SAP Service and Asset Manager on the SAP Business Technology Platform initially, your upgrade will proceed in one of the following methods:

- If you installed the app on the SAP Business Technology Platform using a version number, install the new app version with a new version number.
- If you installed the app without a version number, because you don't plan on keeping the old app:
  1. Open the SAP BTP services Cockpit and navigate to the SAP Service and Asset Manager app.
  2. Update the connectivity feature so that the destination points to the oData service.

#### ⓘ Note

If you've created a custom name that's version-dependent, update the destination name in your metadata. This way the destination name matches the destination you're connecting to in SAP BTP services SAP BTP services.

Once you have determined the correct method you need to install the app, follow the appropriate procedure:

- [Setting Up and Deploying an App in Cloud Foundry](#)
- [SAP BTP services - Setting Up a Neo Environment](#)

# 4 SAP Service and Asset Manager Metadata Upgrade Tool

The SAP Service and Asset Manager Metadata Upgrade Tool is a cross-platform Electron application for upgrading and merging **customized** SAP Service and Asset Manager metadata with new out-of-box releases, with a focus on usability, transparency, and control.

## System Requirements

The Metadata Upgrade Tool is **only supported on macOS**.

## Introduction

The SAP Service and Asset Manager Metadata Upgrade Tool streamlines the process of upgrading your customized SAP Service and Asset Manager metadata to new versions, minimizing manual effort and maximizing confidence in the results. It provides a visual, interactive workflow for merging, editing, and validating metadata changes.

See the following video to learn about the tool and how to use it:

## Features

- Visual file tree for easy navigation and searching
- Side-by-side and 3-way merge editor with block-level controls
- Auto-merge (per-file and batch)
- Real-time progress and statistics
- Customizable merge editor options
- Cross-platform builds (macOS, Windows)

## Getting Started

1. Prepare your customized metadata ZIP (includes original out-of-box and customizations).
2. Download the new version ZIP you wish to upgrade to.
3. Launch the application.

## Workflow Overview

Perform the following steps as described in [Upgrading SAP Service and Asset Manager Metadata \[page 26\]](#):

1. [Initial upload \[page 26\]](#)
2. [Upload progress & Home Page \[page 28\]](#)
3. [File tree & search \[page 29\]](#)
4. [Auto-merge individual files \[page 29\]](#)
5. [Merge manually using the Merge Editor \[page 30\]](#)
6. [Merge Editor Settings \[page 33\]](#)
7. [Conflict Resolution \[page 32\]](#)
8. [Statistics and progress tracking \[page 33\]](#)
9. [Project-level batch auto-merge \[page 34\]](#)

## 4.1 Upgrading SAP Service and Asset Manager Metadata

### Prerequisites

Before completing the procedure below, see [SAP Service and Asset Manager Metadata Upgrade Tool \[page 25\]](#) for getting started and general information.

#### Note

- Currently this feature is in Beta testing, available to customers only upon request. If you would like to be part of the Beta testing program and use the Metadata Upgrade Tool for SAP Service and Asset Manager, you need to sign the following TEA (Test and Evaluation Agreement) form: [SAP Preshipment Request Form](#).
- For a video introduction of the tool and how to use it, see [Introduction \[page 25\]](#).

### Context

This procedure describes how to upgrade **customized** SAP Service and Asset Manager metadata to new versions, using the SAP Service and Asset Manager Metadata Upgrade Tool.

### Procedure

1. Upon launching, the application opens the initial Upload screen. Click [Upload](#) to start:



## Metadata Upgrade Process ?

 UPLOAD

No files to review. Please upload MDKproject.zip files using the Upload button above.

The MDK project zip should contain both base and custom definitions.

The new version should be out-of-box definitions from software downloads:

### Note

Download links are provided for convenience.

2. Upload your customized metadata ZIP and the target upgrade version ZIP, and click *Upload*:

## Upload Files

The MDK project zip should contain both base and custom definitions. The new version should be out-of-box definitions from software downloads.

[Download new version](#)

### Customer .mdkproject.zip file

Click or drag and drop customer zip file here!

### New version zip file (downloaded)

Click or drag and drop new version zip file here!

CANCEL   UPLOAD

3. After uploading, you will see the upload progress. Once completed, you will land on the main [Home Page](#):

⚙️

## Metadata Upgrade Process ⓘ

VIEW STATS

↑ AUTO MERGE

↺ RESET

---

26% Complete
35 of 136 Files

🔍

- > Pages
- > Rules
- > Actions
- > i18n

- The progress bar may show non-zero if some files are unchanged or removed between versions (no review needed for these).
- The file tree is organized by metadata type:
  - [Page](#)

- *Rule*
- *Action*
- *Properties / i18n*

4. You can search for files using the search bar:

The screenshot shows the 'Metadata Upgrade Process' interface. At the top right, there are three buttons: 'VIEW STATS', 'AUTO MERGE', and 'RESET'. Below these, a progress bar indicates '26% Complete' and '35 of 136 Files'. A search bar is highlighted with a red box, containing the text 'confirm'. Below the search bar, a list of files is displayed with expandable folders and individual file entries. Each file entry has a blue 'Merge' icon next to it. The 'Confirmations' folder is expanded, showing files like 'ConfirmationsCreateUpdate.page', 'ConfirmationDetails.page', and 'SideMenuDrawer.page'. Other folders include 'Pages', 'WorkOrders', 'FunctionalLocation', 'Equipment', 'Notifications', 'User', 'Rules', 'Persona', 'Common', 'Operations', 'MobileStatus', and 'WorkOrders'.

5. To auto-merge an individual file, click the blue *Merge* icon next to it:

File saved successfully! X

VIEW STATS

AUTO MERGE

RESET



## Metadata Upgrade Process

26% Complete

36 of 136 Files

Search...

confirm



### Pages

Overview.page



> WorkOrders

> FunctionalLocation

> Equipment

> Notifications

### Confirmations

ConfirmationsCreateUpdate.page



ConfirmationDetails.page



SideMenuDrawer.page



> User

ApplicationLandingPage.page



> ObjectList

### Rules

> Persona

> Common

> Operations

> MobileStatus

> WorkOrders

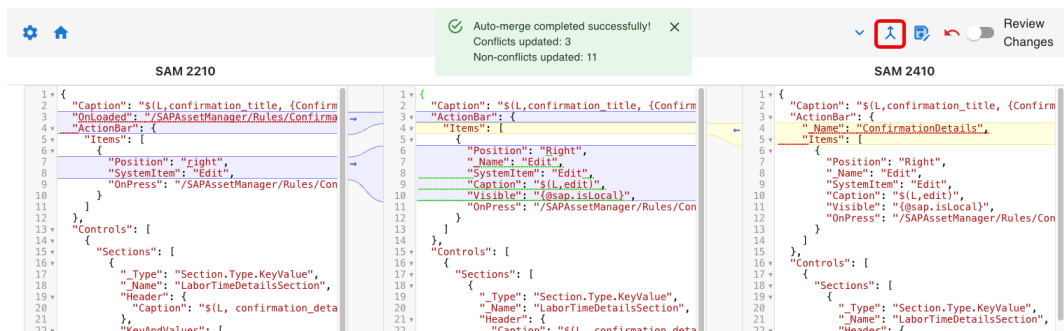
> Notifications

6. If needed, click a file to open the *Merge Editor*.

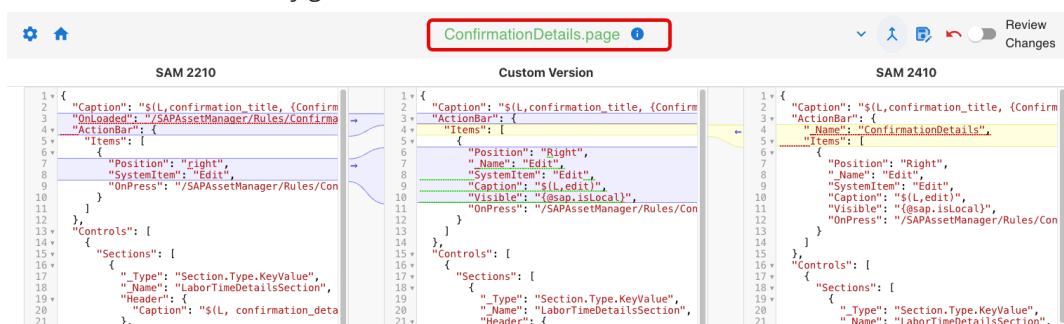
1. See the following example, *ConfirmationDetails.page*:



1. Click *Auto Merge* in the top bar:



2. Save changes via the *Save* button or pressing *Ctrl/Cmd+S*.
3. Saved files are indicated by green filename text.



## 7. Conflict Resolution:

1. **How conflicts are identified** - Different file types use different approaches to identify conflicts:
  - **Page Files:** Conflicts are tracked at the lowest object level where both custom and new versions modify the same property (for example both versions modify the `OnPress` property of a button).
  - **Action Files:** Conflicts are handled at the property-level since these files have simpler JSON structure and less nesting.
  - **Rules (JS) and i18n (Properties) Files:** These use specialized approaches regardless of the selected conflict strategy.
2. **Conflict resolution strategies** - When a conflict is found, you can choose either of the following strategies:
  - **Keep existing custom code:** Preserves your customizations entirely, but you will miss out any new properties or features.
  - **Replace with new code:** Replaces everything with the new standard version, losing all your custom modifications.
  - **Prioritize custom code, integrate new changes** (recommended for most cases): Preserves your custom modifications for conflicting properties while adding non-conflicting new properties from the standard update.
3. **Conflict resolution examples:**
  - **Page File Example** - When both custom and new versions modify the `OnPress` property:

### ↔ Sample Code

```

"old_object": {
  "OnPress": "/SAPAssetManager/Rules/Confirmations/CreateUpdate/BeforeCreateConfirmation.js"
},
"custom_object": {

```

```

    "OnPress": "CUSTOM_CONFLICT_ONPRESS.js"
  },
  "new_object": {
    "OnPress": "NEW_CONFLICT_ONPRESS.js",
    "Caption": "${L,done}"
  }
}

```

- With the **Prioritize custom code, integrate new changes** strategy, the result would be:

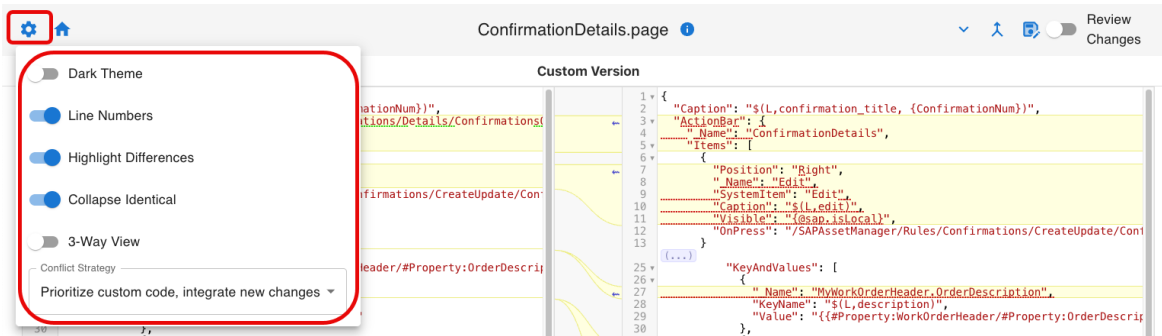
### {-} Sample Code

```

"resolved_value": {
  "OnPress": "CUSTOM_CONFLICT_ONPRESS.js",
  "Caption": "${L,done}"
}

```

8. By clicking the *Settings* icon, you can set the following Merge Editor options:



- Enable/Disable dark mode
- Enable/Disable line numbers
- Enable/Disable block change highlights
- Enable/Disable collapsing identical sections
- Toggle between 3-way and 2-way views

9. **Statistics and Progress Tracking:**

On the *Home Page*, click *VIEW STATS* to open the *Processing Statistics* window:

The screenshot shows the 'Processing Statistics' window with the following sections:

- Changed Files (99)**: A table listing files with their total count, initial conflicts, and initial non-conflicts.
 

File Name	Total	Initial Conflicts	Initial Non-Conflicts
Overview.page			
WorkOrderDetails.page	29	6	23
PersonaLibrary.js	4	0	4
CompleteReset.js	4	0	4
WorkOrderOperationsListView.page	9	5	4
- Processed Files (2)**: A section for auto-merged files.
  - AM = Auto-Merged**
  - AM ConfirmationsCreateUpdate.page**:
 

Total	Initial Conflicts	Initial Non-Conflicts	Conflicts Updated	Non-Conflicts Updated
3	2	1	2	1
  - ConfirmationDetails.page**:
 

Total	Initial Conflicts	Initial Non-Conflicts
14	3	11
- Unchanged Files (28)**

Buttons at the bottom: **DOWNLOAD REPORT** and **CLOSE**. In the background, **VIEW STATS**, **AUTO MERGE**, and **RESET** buttons are visible.

- Shows *Changed*, *Processed*, *Unchanged*, and *Removed* files.
- Differentiates between auto-merged and manually edited files.

#### 10. Batch Auto-Merge:

On the *Home Page*, click *AUTO MERGE* to perform project-level merging and to process all files:

**Batch Merge Results**

VIEW STATS

**AUTO MERGE**

RESET

Total Files Processed	Total Conflicts	Total Non-Conflicts
101	82	2849

Successfully Merged Files (97)

File Name	Conflicts Updated	Non-Conflicts Updated
WorkOrderDetails.page	6	9
PersonLibrary.js	0	0
CompleteReset.js	0	1
WorkOrderOperationsListView.page	2	0
WorkOrderOperationsFilter.page	8	1
WorkOrderOperationDetails.page	7	17
FunctionalLocationDetails.page	12	12
EquipmentDetails.page	6	3

DOWNLOAD REPORT

CLOSE

- In the *Batch Merge Results* window, you can see as well as download the report of the number of changes, successful merges, and any failures.
- If needed, you can further investigate issues via *Processing Statistics* as described in [above step \[page 33\]](#):

**Processing Statistics**

**Auto-Merge Results**

Files Processed	Successful	Failed	Conflicts Updated	Non-Conflicts Updated
100	96	4	79	2838

Changed Files (0)

Auto-Merge Failed Files (4)

File Name	Conflicts Updated	Non-Conflicts Updated
Overview.page	0	0
FunctionalLocationFilter.page	0	0
SubOperationCreateUpdate.page	0	0
WorkOrderCreateUpdate.page	0	0

Processed Files (97)

Auto-Merged

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**Processing Statistics**

File Name	Total	Initial Conflicts	Initial Non-Conflicts	Conflicts Updated	Non-Conflicts Updated
WorkOrderOperationsListView.page	9	5	4	2	0

Unchanged Files (28)

- NotificationItemCreate.action
- OperationChangeStatusHoldPopover.action
- WorkOrderOperationCreateUpdateControlKeyValue.js
- InitializeOfflineOData.action
- OperationChangeStatusStartPopover.action
- PushNotificationsDownload.action

Removed Files (7)

- OperationMobileStatusToolBarCaption.js
- NotificationItemCreateUpdateRequired.action
- ZNotificationItemCreateUpdateValidation.js

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11. When ready, you can access the upgraded metadata ZIP file as follows:

✔ New metadata zip version created successfully ✕

File saved as: [SAPAssetManagerExt\\_modified\\_2025-05-05T22-46-33-540Z.zip](#)

Click to copy path to clipboard COPY PATH

VIEW STATS

ZIP METADATA

AUTO MERGE

# 5 Appendix

## 5.1 Migrating SAP Service and Asset Manager 2105 or Earlier Metadata to Mobile Development Kit 6.x

### Context

SAP Service and Asset Manager metadata versions 2105 or earlier aren't compatible with Mobile Development Kit 6.x. Mobile Development Kit 6.0 uses a newer version of NativeScript (8.0).

For detailed information, see the [Metadata / Client Project Migration](#) topic, found in the *SAP Mobile Services Documentation*.

Use the following procedure to migrate older metadata so that it's compatible with Mobile Development Kit 6.x.

### Procedure



1. Import the SAP Service and Asset Manager metadata folder into Business Application Studio.
2. Right-click *Application.app* and select *MDK:Migrate*.
3. Open the *MDK* perspective.
4. Hover over the project folder in the left panel and click on the checkmark icon.  
All pending changes are accepted.
5. Download the attached ZIP file and unzip it on your file system.
6. Return to Business Application Studio, and navigate back to the project view. Replace the *Extensions* folder in the metadata with the unzipped folder on your file system.
7. Deploy the app again by right-clicking *Application.app* and selecting *MDK:Deploy*.

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