



**PUBLIC**

SAP Work Manager

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# **SAP Work Manager Component Installation Guide**

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# 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/viewer/p/SAP\\_WORK\\_MANAGER](https://help.sap.com/viewer/p/SAP_WORK_MANAGER).

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

Document	Date	Description of Changes
1.0	JUL 2021	Original release of the <i>SAP Work Manager Component Installation Guide</i> , version 6.6.

# 1 Overview of Additional Components for SAP Work Manager

In addition to the core functionality of the SAP application, there are also additional, optional components that can be installed. There are different deployment executable files for SAP Work Manager:

- SAP Work Manager base
- SAP Work Manager with Meter Management
- SAP Work Manager with Customer Service

The file you use for your installation depends on your business needs. The sections in this guide walk you through each of the component installation scenarios.

Once installed, the following SAP Work Manager and component combinations are supported:

- Base SAP Work Manager
- Base SAP Work Manager + linear asset management (LAM)
- Base SAP Work Manager + Customer Service
- Base SAP Work Manager + Customer Service + LAM
- Base SAP Work Manager + Customer Service + Crew Management
- Base SAP Work Manager + Customer Service + Vehicle Stock
- Base SAP Work Manager + Meter Management
- Base SAP Work Manager + Meter Management + Crew Management

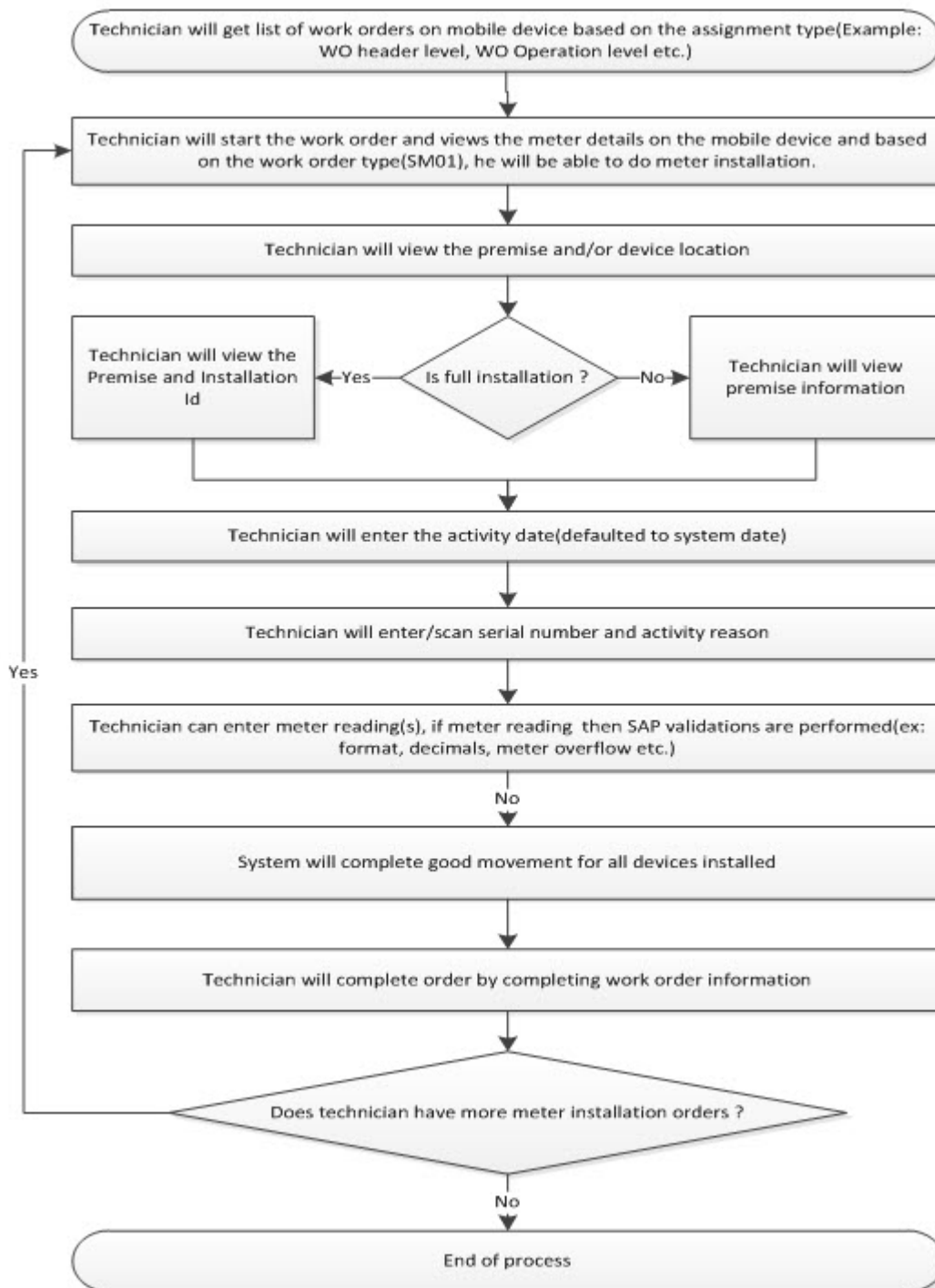
## 2 SAP Work Manager with Meter Management

The meter management add-on component for SAP Work Manager is an optional component that helps utility companies integrate meter data management systems with SAP back-office applications. The solution is designed to connect customer usage data that had been collected from meters with billing, customer care, and other operational and business applications from SAP.

When this add-on component is implemented, it adds the following functionality to the core SAP Work Manager application:

- Install meters (technical and full installations)
- Remove meters (technical and full removal)
- Replace meters (full replacement)
- Meter repair
- Nonperiodic meter readings

The following diagram is a sample of the workflow for meter installation.



## 2.1 Implementing the Meter Management Add-On for SAP Work ManagerSAP Mobile Platform

### Prerequisites

Ensure that the following items are addressed before performing this procedure:

- The system requirements for Meter Management and the SAP Work Manager application are the same. Therefore if the requirements for SAP Work Manager exist, then no additional requirements for Meter Management are necessary.
- The SAP development server is installed.
- Ensure that the Agentry Editor is Agentry installed.
- Ensure that the SAP Work Manager project exists within the Eclipse workspace as an Agentry application project, imported from the SAP Mobile Platform.
- The Mobile Add-On for ERP Administration component is installed to SAP ERP.
- The person performing this procedure has access to the host systems for Agentry and SAP Mobile Platform.
- The person performing the procedure has administrative access to the target client for the SAP ERP application.
- The Agentry SAP Framework Administration Component is installed.
- Verify that the required software components and support packages are installed, as listed in the system requirements for the Agentry SAP Framework Administration Component with ISU. For a complete list of required software, see the [Mobile Add-On for ERP Installation Guide](#).

### Context

This process describes the steps involved in implementing the Meter Management add-on component for the SAP Work Manager application. This procedure is only performed to add the Meter Management component where needed. Only install the Meter Management component, if you are using it in your application.

#### i Note

Before starting the procedure, read the following SAP release note: <https://service.sap.com/sap/support/notes/2574596>: SAP Meter Management - An Error Occurs when Publishing the Meter Management Application.

### Procedure

1. Start the SAP Mobile Platform server.
2. Define a new Agentry application.
3. Run the `SAPWorkMgr650MeterMgrDeployment.exe` and follow the installation wizard.

Set the destination to the SAP Mobile Platform server.

The deployment executable creates the Work Manager folder and downloads all necessary .zip and .dll files necessary for SAP Work Manager and Meter Management.

4. From the Admin cockpit, select ► *App* ► *App Specific Settings* ► and click *Publish*. Browse to the ZIP file created by the deployment executable.

Meter Management is installed when the .zip file is published to the SAP Mobile Platform server.

## Results

With the completion of this procedure, the add-on component is ready for ISU.

## Next Steps

If you are also installing the Vehicle Stock feature to the SAP Work Manager base component, see the [Importing Vehicle Stock Logic to the SAP Work Manager Project with a Development Server Installed \[page 17\]](#) procedure for instructions.

Once installed, use the application URL when performing the initial sync from each client. For SAP Work Manager with Meter Management, use `https://[ServerName]:8081/SAPMM` where *ServerName* is the location of your SAP Mobile Platform server.

# 3 SAP Work Manager with Customer Service

The Customer Service add-on component for SAP Work Manager is an optional component for use at sites where work on the application involves maintenance or services performed under contract for customers or other third parties.

When the Customer Service add-on component is implemented, it adds the following functionality to the core SAP Work Manager application:

- Basic customer information, including contact and address information
- Details of service engagements of the technician with the customer
- Details of business partners for the customer
- Depending on the configuration, you can add other business partners to both work orders and notifications, such as vendor, sold-to party, or person responsible
- You can edit the value of an existing business partner for both work orders and notifications

## i Note

You cannot change the business partner's type or details.

- Provides technicians access to contract and warranty information for the customer
- Related work order information
- Install base information on core components consisting of infrastructure information relevant to the work order
- Mapping functionality for both customer address and partner address, provided that the mobile devices has internet access

The following additional detail screens are available with the Customer Service add-on component:

- Address detail screen
- IBase detail screen
- Partners detail screen
- Contract detail screen
- Warranty detail screen
- History detail screen
- Pending detail screen

## 3.1 Implementing the Customer Service add-on for SAP Work Manager

### Prerequisites

Address the following items before performing this procedure:

- Ensure that the SAP Mobile Platform is installed.
- Ensure that the Agentry is installed. Also ensure that the SAP Work Manager project exists within the Eclipse workspace as an Agentry application project, imported from the SAP Mobile Platform.
- The system requirements for Customer Service and the SAP Work Manager application are the same. Therefore, if the requirements are met, no additional requirements exist.
- Install the Mobile Add-On for ERP Administration component before you install SAP ERP.
- You must have access to the host systems for the Agentry and the SAP Mobile Platform. You must also have administrative access to the target client for the SAP ERP application.
- Read the SAP Note [2406688](#): Vehicle Stock Feature within SAP Customer Service 2.3 Mobile App

## Context

This process describes the steps involved in implementing the Customer Service add-on component for the SAP Work Manager application. This procedure is only performed to add the Customer Service component where needed. If you are not using the Customer Service component, do not perform the procedure.

## Procedure

1. Start the SAP Mobile Platform server.
2. Define a new Agentry application.
3. Run the `SAPWorkMgr650CustomerServiceDeployment.exe` and follow the installation wizard.

Set the destination to the SAP Mobile Platform server.

The deployment executable creates the Work Manager folder and downloads all necessary ZIP and DLL files necessary for SAP Work Manager and Customer Service.

4. From the Admin cockpit, select **App** > **App Specific Settings** and click **Publish**. Browse to the ZIP file created by the deployment executable.

Customer Service is installed when the ZIP file is published to the SAP Mobile Platform server.

## Results

If you are also installing the Vehicle Stock feature to the SAP Work Manager base component, see the [Importing Vehicle Stock Logic to the SAP Work Manager Project with a Development Server Installed \[page 17\]](#) procedure for instructions.

Once installed, use the application URL when performing the initial sync from each client. For SAP Work Manager with Customer Service, use `https://[ServerName]:8081/SAPWM` where *ServerName* is the location of your SAP Mobile Platform server.

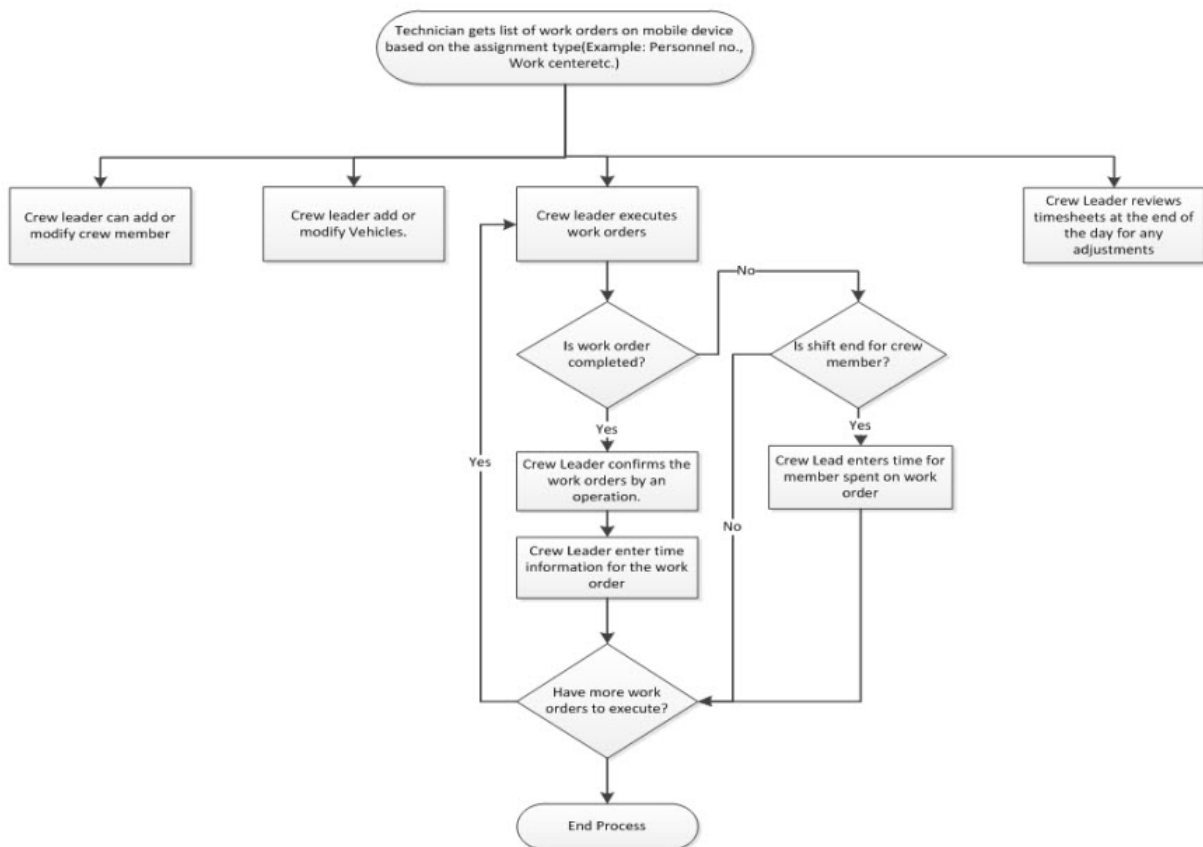
# 4 SAP Work Manager with Crew Management

The Crew Management add-on component for SAP Work Manager is an optional component that allows supervisors and team leaders to manage their crew with significantly lower cost and improved flexibility.

When the Crew Management add-on component is implemented, it adds the following functionality to the core SAP Work Manager application:

- Add, remove, and select crew technicians
- Add, remove, and select vehicles
- Track vehicle usage through vehicle odometer readings
- Report, review, and approve time for crew

The following diagram is a sample of the workflow for crew management.



## 4.1 Implementing the Crew Management add-on for SAP Work Manager

### Prerequisites

Address the following items before performing this procedure:

- The system requirements for the Crew Management component and the SAP Work Manager application are the same. Therefore, if the application requirements have already been met, then no additional requirements exist.
- Install SAP Work Manager on the SAP Mobile Platform.
- Install the Agentry. The SAP Work Manager project must exist within the Eclipse workspace as an Agentry application project, imported from the SAP Mobile Platform.
- The Mobile Add-On for ERP Administration component is installed to SAP ERP.
- The person performing this procedure has access to the host systems for the Agentry and the SAP Mobile Platform.
- The person performing this procedure has administrative access to the target client for the SAP ERP application.

### Context

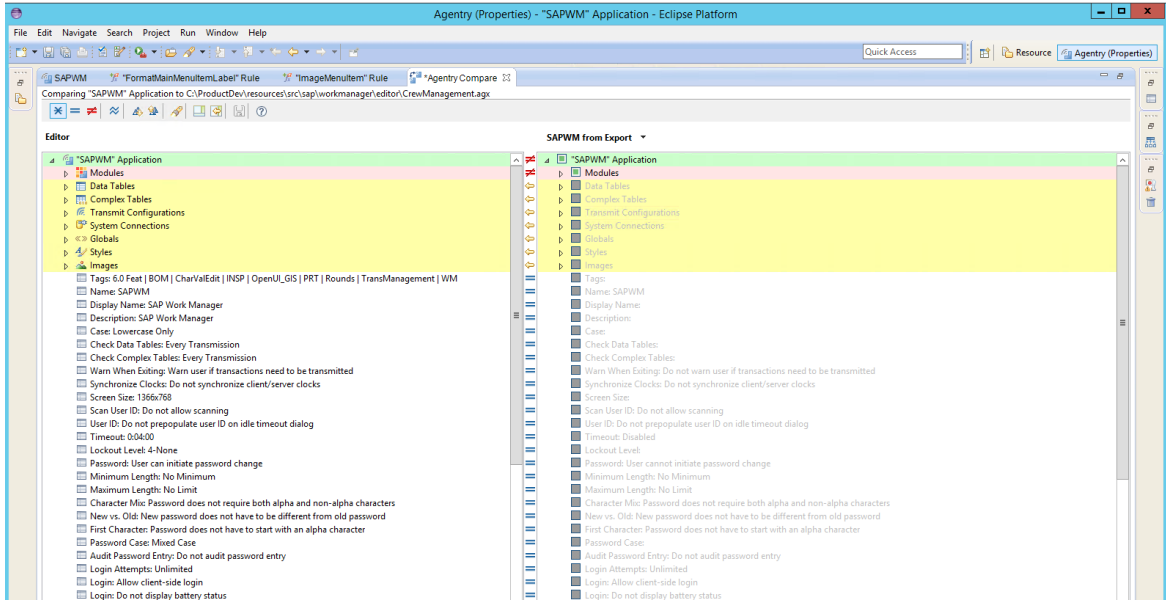
This process describes the steps involved in implementing the crew management add-on component for the SAP Work Manager application. This procedure is only performed to add the Crew Management component where needed. Only perform this procedure if you are using the Crew Management component.

### Procedure

1. Create a backup of the SAP Work Manager application by exporting the project. Within the Agentry perspective, select the *Project Explorer View*. Here, right-click the item for the SAP Work Manager application project and select the menu item *Export*. In the wizard displayed, select **▶ Agentry Project ▶ Export Application ▶**. Click *Next* to proceed through the screens. In the subsequent screens, select all the definitions for export, enter a comment if desired, and select a location and file name for the export file. Click *Finish* when the export is complete.

Once the export is complete, the resulting `.agxz` file contains all of the Agentry application project definitions for the SAP Work Manager application as it exists currently, before the Crew Management component is imported. The export is a backup of the project in case an issue occurs during the installation of the Crew Management component.

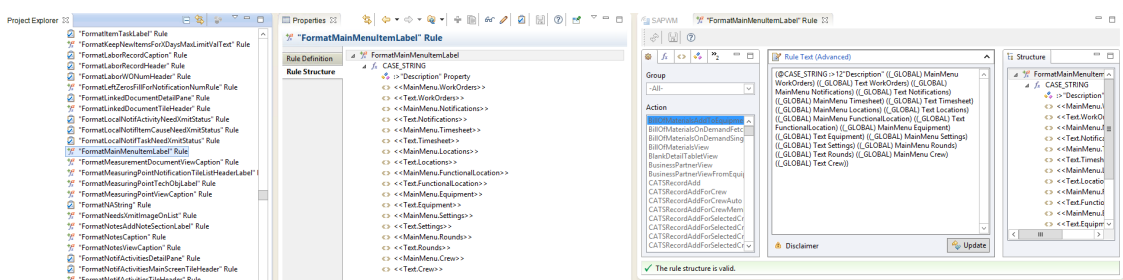
2. Select *Compare with Other Agentry Application* and select the provided `CrewManagement.agx` component. Use the Agentry Compare Utility to merge the differences. Select everything on the right side and import it into the base SAP Work Manager application.



3. Click **Import**. Save the definitions with a new deployment server path. Do not use the base SAP Work Manager deployment path.
4. Confirm that no errors pop up during the merge. If errors occur, fix the errors.
5. Navigate to **SAPWM > Modules > Rules** and perform the following tasks:
  - a. Select the rule *FormatMainMenuLabel* and click the **Edit** icon in the **Properties** window.
  - b. Navigate to the **Rule Text (Advanced)** tab, located in the rule window.
  - c. Select all existing rule data and delete it.
  - d. Copy the following rule data as shown in both the following text example and the example screenshot and paste it into the **Rule Text (Advanced)** box.

### Source Code

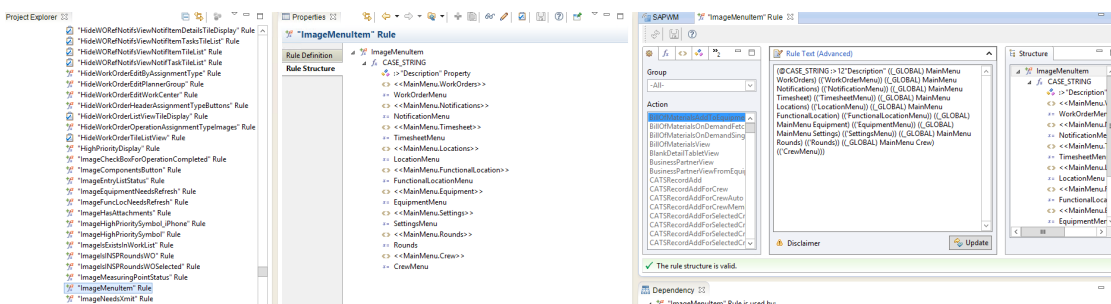
```
(@CASE STRING :>12"Description" (( _GLOBAL) MainMenu WorkOrders)
(( _GLOBAL) Text WorkOrders)
(( _GLOBAL) MainMenu Notifications) (( _GLOBAL) Text Notifications)
(( _GLOBAL) MainMenu Timesheet)
(( _GLOBAL) Text Timesheet) (( _GLOBAL) MainMenu Locations) (( _GLOBAL)
Text Locations)
(( _GLOBAL) MainMenu FunctionalLocation) (( _GLOBAL) Text
FunctionalLocation)
(( _GLOBAL) MainMenu Equipment) (( _GLOBAL) Text Equipment) (( _GLOBAL)
MainMenu Settings)
(( _GLOBAL) Text Settings) (( _GLOBAL) MainMenu Rounds) (( _GLOBAL) Text
Rounds)
(( _GLOBAL) MainMenu Crew) (( _GLOBAL) Text Crew))
```



- e. Click the [Update](#) icon to update the rule. Click the [Save](#) icon to save the rule.
6. Still in the *Rules* module, select the rule *ImageMenuItem* and complete the following tasks:
  - a. Click the *Edit* icon.
  - b. Navigate to the *Rule Text (Advanced)* tab.
  - c. Select all existing rule data and delete it.
  - d. Copy the following rule data as shown in both the following text example and the example screenshot and paste it into the *Rule Text (Advanced)* box.

☰ Sample Code

```
(@CASE_STRING :>12"Description" ((_GLOBAL) MainMenu WorkOrders)
('WorkOrderMenu))
(( _GLOBAL) MainMenu Notifications) (('NotificationMenu)) ((_GLOBAL)
MainMenu Timesheet)
(('TimesheetMenu)) ((_GLOBAL) MainMenu Locations) (('LocationMenu))
(( _GLOBAL) MainMenu FunctionalLocation) (('FunctionalLocationMenu))
(( _GLOBAL) MainMenu Equipment)
(('EquipmentMenu)) ((_GLOBAL) MainMenu Settings) (('SettingsMenu))
(( _GLOBAL) MainMenu Rounds)
(('Rounds)) ((_GLOBAL) MainMenu Crew) (('CrewMenu))
```



- e. Click the [Update](#) icon to update the rule. Click the [Save](#) icon to save the rule.
7. Select [Publish Application to Server](#) and enter the SAP Mobile Platform server application directory where the SAP Mobile Platform deployment path that you created in *Step 3*.

A new ZIP file is created.

8. From the SAP Mobile Platform Admin Cockpit, select **App > App Specific Settings** and click [Publish](#). Browse to the ZIP file you just created.
9. Make the necessary SAP Configuration Panel Parameter changes. Note that at any given time, either Timesheet or Crew Management can be active, but not both at the same time. (Make similar changes in the `JavaBE.ini` file if you are using `source=INI`.)
  - a. Log in to the Configuration Panel.
  - b. Select the [Mobile Application Configuration](#) link.
  - c. Select the `SAP_WORK_MANAGER_65` mobile application and open the [Client Globals](#) tab.
  - d. Search for the `MAIN_MENU_ITEMS` Global Group in the Client Global list.
  - e. Select the row that has a <Global Value> of *Timesheet*.
  - f. Click the [Change](#) button.
  - g. Clear the [Active Flag](#) checkbox to make the Timesheet inactive.
  - h. Switch to the next row that has a <Global Value> of *Crew Management* and select the [Active Flag](#) checkbox to make crew management active.
  - i. Click [Save](#).

Mobile Application (Display Mode)

Create Copy Delete Change

General Mobile Status Setting Conversion Exit Setting System Components Parameters Client Globals User Attributes

Mobile Application Info

Mobile Application: SAP\_WORK\_MANAGER\_65 Release: 6.5.0

Mobile App. Desc.: SAP Work Manager 6.5-WM with LAM and Rounds

Client Globals

Client Global List

Import/Export Search:

RecNo	Global Group	Global Name	Global Value	Scope	Dep. RecNo	Active	No Change	Comment
000000852	MAIN_MENU_IT...	1	WorkOrders	Application	000000000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
000000853	MAIN_MENU_IT...	10	Transfers	Application	000000000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
000000854	MAIN_MENU_IT...	11	STOs	Application	000000000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
000000855	MAIN_MENU_IT...	2	Notifications	Application	000000000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
000000856	MAIN_MENU_IT...	3	Timesheet	Application	000000000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
000000857	MAIN_MENU_IT...	3	Crew Management	Application	000000000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
000000858	MAIN_MENU_IT...	4	Locations	Application	000000000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
000000859	MAIN_MENU_IT...	5	FunctionalLocation	Application	000000000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
000000860	MAIN_MENU_IT...	6	Equipment	Application	000000000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
000000861	MAIN_MENU_IT...	7	Settings	Application	000000000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone

## Results

Once installed, use the application URL when performing the initial sync from each client. For SAP Work Manager with Crew Management, use the core SAP Work Manager URL: `https://[ServerName]:8081/SAPWM` where *ServerName* is the location of your SAP Mobile Platform server.

# 5 SAP Work Manager with Vehicle Stock

## 5.1 SAP Work Manager with the Vehicle Stock Add-On Component Overview

The Vehicle Stock component is designed for people who keep stock items in vehicles used for daily work. It is also used in environments in which inventory items must be tracked.

### i Note

The minimum version required for the SAP Mobile Platform SDK is 3.0 SP12. Improper versions may cause unexpected behavior.

Refer to the following release notes for additional details before installing the Vehicle Stock add-on component:

- [2549042](#): Release Restrictions Note: SAP Work Manager 6.5
- [2548975](#): Software Release Note: SAP Work Manager 6.5
- [2354344](#): Release Restrictions Note SAP EAM and service mobile app SDK 2.1

The Vehicle Stock component for SAP Work Manager provides inventory functionality for tracking stock items stored in vehicles, such as work trucks for vans. This component provides the following functionality:

- **Transfers:** Items can be transferred from one vehicle to another, or from the vehicle to a static storage location
- **Used / Actuals:** Accurate counts of vehicle stock are kept, with totals updated based on transfers and receipts

## 5.2 Vehicle Stock System Requirements

As a part of adding this component, you must install the Mobile Add-On for ERP Administration Component for SAP in addition to the Administration Component instance for SAP ERP. These requirements must be met when the Vehicle Stock component is being added to the core SAP Work Manager mobile application.

The following are the software requirements and support package requirements for the Vehicle Stock add-on component for SAP Work Manager.

## Software Requirements

Software Component	Release
SAP_ABA	700
SAP_BASIS	700
SAP_APPL	600
SAP_HR	600

## Support Packages

Software Component	Support Package
SAP_ABA 700	Support Package 09
SAP_BASIS 700	Support Package 09
SAP_APPL 600	Support Package 06
SAP_HR 600	Support Package 07

## 5.3 Importing Vehicle Stock Logic to the SAP Work Manager Project with a Development Server Installed

When you import the Vehicle Stock component into the base SAP Work Manager project, modifications are made to the base SAP Work Manager project.

### Prerequisites

Address the following items before performing this procedure:

- SAP Work Manager application is installed, particularly an instance of the SAP Mobile Platform
- Agentry is installed
- SAP Work Manager application project exists within the Eclipse workspace as an Agentry project, imported from the SAP Mobile Platform
- The export file for the Vehicle Stock add-on component is available to the Agentry. During this procedure, it is imported to the SAP Work Manager application.

- When importing the Vehicle Stock component to an existing implementation of SAP Work Manager where modifications were made and which is already in production, ensure that the version in the editor is the current version.

## Context

### i Note

Use the following procedure to merge the Vehicle Stock component (`Stock_Component.agxz`) into the SAP Work Manager base, Meter Management with the SAP Work Manager base (`SAPWM.with.MeterManagement-app.agxz`), or Customer Service with the SAP Work Manager base (`SAPWM.with.CustomerService-app.agxz`).

The following procedure instructs you to import the Vehicle Stock add-on component export file into the SAP Work Manager Agency application project. The procedure is only performed to add this component where needed. If you are not using the Vehicle Stock component, ignore the procedure.

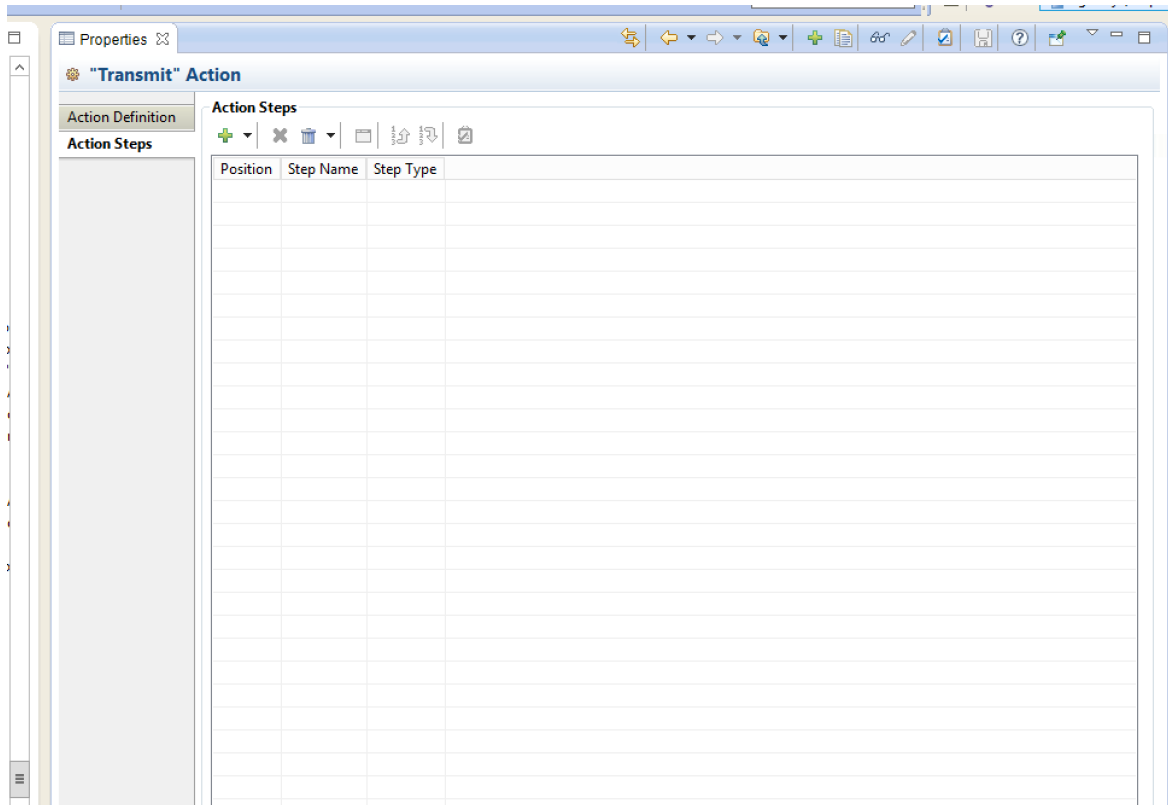
During this procedure, changes are made to the base SAP Work Manager application project. The changes include modifications made before importing the Vehicle Stock component, as well those changes made by the import.

## Procedure

1. Create a backup of the SAP Work Manager application by exporting the project. Within the Agency perspective, select the *Project Explorer View*. Here, right-click the item for the SAP Work Manager application project and select the menu item *Export*. In the wizard displayed, select **► Agency Project ► Export Application ►**. Click *Next* to proceed through the screens. In the subsequent screens, select all the definitions for export, enter a comment if desired, and select a location and file name for the export file. Click *Finish* when the export is complete.

Once the export is complete, the resulting `.agxz` file contains all of the Agency application project definitions for the SAP Work Manager application as it exists currently, before the Vehicle Stock component is imported. The export is a backup of the project in case an issue occurs during the installation of the Vehicle Stock component.

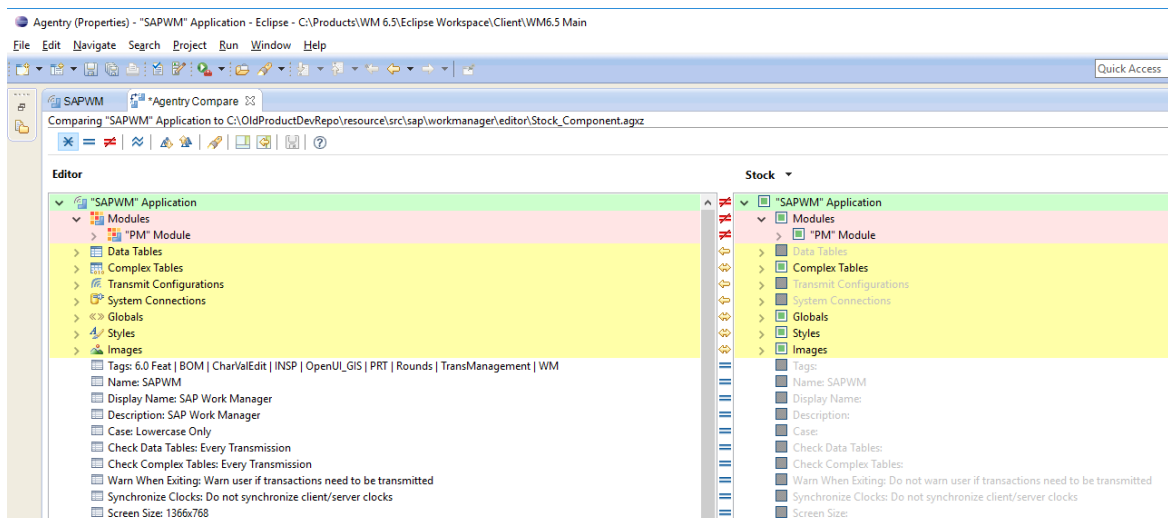
2. Navigate to **► Modules ► Actions ► PM Modules ►** and find the *Transmit Action*. Right-click it and copy the action.  
A new action is created called *Transmit\_Copy1*.
3. Select the newly created action. Change the `<Name>` and the `<Display>` name to *TransmitFinish*.
4. Navigate to the *Transmit Action* and delete all of the *Action Steps* as shown in the following example. Do not delete the entire transmit action, as you must retain the tags and dependencies.



5. Right-click the SAP Work Manager project in the Project Explorer tab. In the context menu, select the menu item **Compare With > Other Agency Application**.

An Agency Compare window displays.

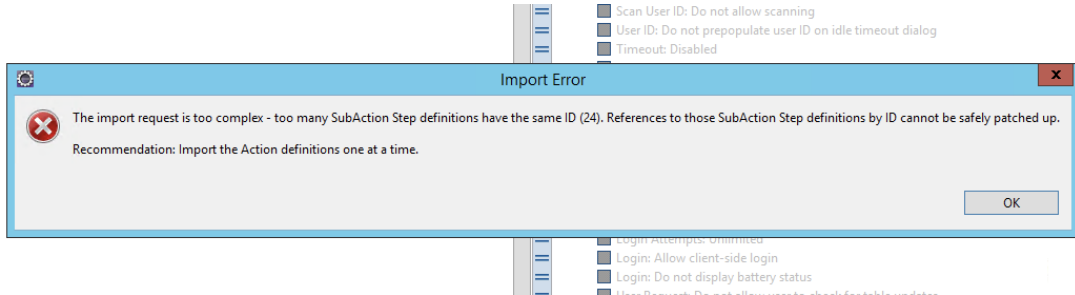
6. In the Agency Compare window, choose the **Select Session** dropdown. Then select **Manage Compare Sessions**.
7. Click the **Browse** button and navigate to the Vehicle Stock .agxz file.
8. Load the Vehicle Stock \*.agxz file and select everything on the right side.



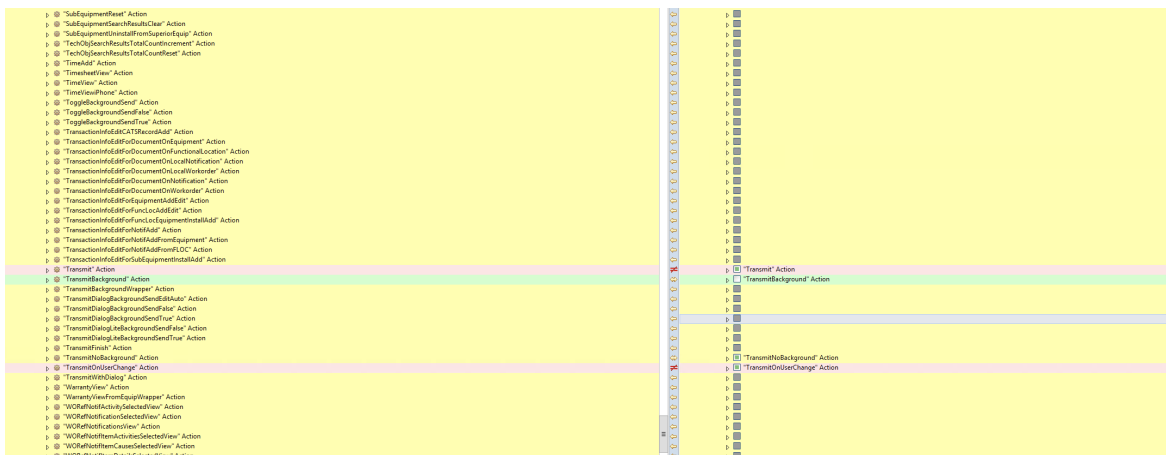
9. Click **Finish** and enter a name for the compare session.

The Vehicle Stock component is loaded into the Compare window.

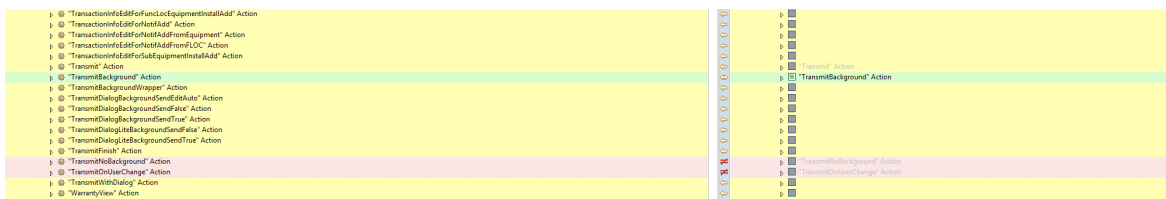
- Click the *Import* icon. The import process takes a few minutes to complete. If an import error appears, such as the example shown here, continue to the next step. If no import errors occur, continue to *Step 15*.



- Navigate back to the *Compare* window. Expand **Modules > "PM" Module > Actions**. Find and deselect the *TransmitBackground* action on the right side.



- Reperform the import process that you followed in *Steps 5 - 10*. The import process takes a few minutes to complete.
- After the *TransmitBackground* action import process is complete, navigate back to the *Compare* window. Select the *TransmitBackground* action that was deselected in *Step 11*.



- Import the *TransmitBackground* action by itself.

The Vehicle Stock component definitions are merged with the base SAP Work Manager definitions.

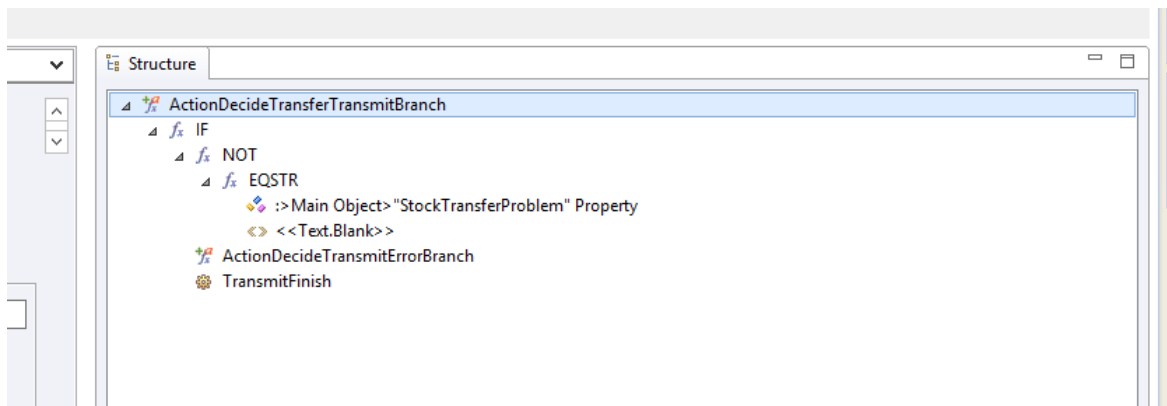
- To apply the changes, click the *Save* icon.

### Note

If a pop-up window appears, asking for your development server location, browse to your development server location and click *OK*. If a development server is not installed, you can point to your

Agency.ini file. You can find the .ini file packaged in the .zip file made when you created the SAP Work Manager server.

16. Close the Agency Compare window.
17. A rule could have the incorrect action after the import. To fix the rule, find the *ActionDecideTransferTransmitBranch* rule. Check and see if the last action in the rule is *TransmitFinish*. If it is not, modify it.



18. There are certain actions that can contain subactions in the wrong order. Locate the following actions and ensure that the stock-related subactions are located at the top:
  - *TransmitBackground*
  - *TransmitNoBackground*
  - *TransmitOnUserChange*

See the following screenshots for more details:

The screenshot displays the configuration interface for the "TransmitBackground" Action. The main area is titled "Action Steps" and contains a table with the following data:

Position	Step Name	Step Type
1	StockTransportOrderHeaderPost	SubAction
2	StockReceiptHeaderPostWrapper	SubAction
3	StockTransferHeaderPost	SubAction
4	PostNotifications	SubAction
5	PostCompletedSuccessNotificationTask	SubAction
6	PostCompletedNotifications	SubAction
7	WorkOrdersPostLoop	SubAction
8	PostCompletedWorkorders	SubAction
9	CharacteristicValuePostLoop	SubAction
10	CharacteristicValuePostCompleteLoop	SubAction
11	SubEquipmentResetLoop	SubAction
12	EquipmentResetLoop	SubAction
13	Apply1	Apply
14	CATSRecordPromptError	SubAction
15	RoundsEntryListDeleteEmptyMeasuringPoint	SubAction

Properties

**"TransmitNoBackground" Action**

Action Definition

Action Steps

Position	Step Name	Step Type
1	StockTransportOrderHeaderPost	SubAction
2	StockTransferHeaderPost	SubAction
3	StockReceiptHeaderPostWrapper	SubAction
4	PostNotifications	SubAction
5	PostCompletedSuccessNotificationTask	SubAction
6	PostCompletedNotifications	SubAction
7	WorkOrdersPostLoop	SubAction
8	PostCompletedWorkorders	SubAction
9	CharacteristicValuePostLoop	SubAction
10	TransmitWithDialog	SubAction
11	CharacteristicValuePostCompleteLoop	SubAction
12	SubEquipmentResetLoop	SubAction
13	EquipmentResetLoop	SubAction
14	Apply1	Apply
15	CATSRRecordPromptError	SubAction
16	RoundsEntryListDeleteEmptyMeasuringPoint	SubAction

Properties

**"TransmitOnUserChange" Action**

Action Definition

Action Steps

Position	Step Name	Step Type
1	StockReceiptHeaderPostWrapper	SubAction
2	StockTransferHeaderPost	SubAction
3	StockTransportOrderHeaderPost	SubAction
4	PostNotifications	SubAction
5	PostCompletedSuccessNotificationTask	SubAction
6	PostCompletedNotifications	SubAction
7	WorkOrdersPostLoop	SubAction
8	PostCompletedWorkorders	SubAction
9	CharacteristicValuePostLoop	SubAction

19. Publish your newly merged application to the SAP Work Manager server.

## Results

The definitions that comprise the Vehicle Stock add-on component for SAP Work Manager are now a part of the core SAP Work Manager application. Definitions include screen sets and screens, transactions, steps, complex tables, and various other types that provide the Vehicle Stock functionality and behavior.

## Next Steps

Once you import the project, you can then make configuration changes using the ConfigPanel to support the Vehicle Stock add-on component.

# 5.4 Configuration Changes to the SAP ERP System for the Vehicle Stock Add-On Component

## Prerequisites

Address the following items before performing this procedure:

- The SAP Work Manager server must already be installed and properly configured for the core SAP Work Manager application.
- The person performing this procedure must have permissions to access and modify the files located within the installation directory of the SAP Work Manager server.

## Context

To support the Vehicle Stock add-on component, you must modify some configuration settings for the SAP Mobile Platform. The following procedure includes the modification of settings found in the Configuration Panel.

## Procedure

1. Open the SAP GUI and enter in transaction `/n/syclo/configpanel`.

The Agency SAP Framework Configuration Panel, or ConfigPanel, appears.

2. Click the [Mobile Application Configuration](#) link.
3. Select the `SAP_WORK_MANAGER_64` mobile application and choose the [Client Globals](#) tab.
4. Ensure that the following globals are enabled in the SAP ERP system:

- **Stock.DefaultMaterialListSize:** Controls the default list size that auto-loads to the client device after a successful login
- **Stock.DiscardAllMaterialOnEverySearch:** When a search is performed, the new materials searched for are appended to the stock list. Conversely, the stock list is cleared and repopulated for every search. Setting the global to *N* appends new materials to the stock list. Setting the global to *Y* clears the stock list for every search.
- **Stock.useDefaultMaterialList:** Enables or disables the auto-loading of the material list after successfully logging into the client device. If the global is set to *Y*, the material list does not automatically load to the client. If the global is set to *N*, the material list does automatically load to the client.
- **Trunk.Stock:** Enables or disables the Vehicle Stock add-on component. If the global is set to *Y*, the component is used in the application. If the global is set to *N*, the component is not used in the application.

**Mobile Application (Display Mode)**

Create Copy Delete Change

General Mobile Status Setting Conversion Exit Setting System Components Parameters **Client Globals** User Attributes

**Mobile Application Info**

Mobile Application: SAP\_WORK\_MANAGER\_64 Release: 6.4

Mobile App. Desc.: SAP Work Manager 6.4

**Client Globals**

**Client Global List**

Import/Export Search:

Global Group	Global Name	Global Value	Global Scope	Active ...	No Runti...	Comment
APPLICATION_CO...	Stock.DefaultMaterialListSize	100	Application	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The default list size to auto load after successful login
APPLICATION_CO...	Stock.DiscardAllMaterialOnEverySearch	N	Application	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Y/N. Specify if the main material/stock list should be cleared...
APPLICATION_CO...	Stock.useDefaultMaterialList	Y	Application	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enable Y/Disable N the auto loading of the material items aft...
APPLICATION_CO...	Trunk.Stock	Y	Application	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Y to use Trunk Stock feature, otherwise N

5. Enable three new menu items (*Stock*, *Transfers*, and *STOs*) and update the existing items to the following menu positions:

**Mobile Application (Display Mode)**

Create Copy Delete Change

General Mobile Status Setting Conversion Exit Setting System Components Parameters **Client Globals** User Attributes

**Mobile Application Info**

Mobile Application: SAP\_WORK\_MANAGER\_64 Release: 6.4

Mobile App. Desc.: SAP Work Manager 6.4

**Client Globals**

**Client Global List**

Import/Export Search:

Global Group	Global Name	Global Value	Global Scope	Active Flag	No Runtime...	Comment
MAIN_MENU_ITEMS	1	WorkOrders	Application	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
MAIN_MENU_ITEMS	10	Notifications	Application	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
MAIN_MENU_ITEMS	2	Crew Manage...	Application	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
MAIN_MENU_ITEMS	2	Timesheet	Application	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
MAIN_MENU_ITEMS	3	Locations	Application	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
MAIN_MENU_ITEMS	4	Functionalloc...	Application	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
MAIN_MENU_ITEMS	5	Equipment	Application	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
MAIN_MENU_ITEMS	6	Stock	Application	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
MAIN_MENU_ITEMS	7	Transfers	Application	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Main menu item for iPhone
MAIN_MENU_ITEMS	8	STOs	Application	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

## Next Steps

If currently running, restart the SAP Work Manager server in order for the changes made here to take effect.

# 6 SAP Work Manager with Rounds

## 6.1 SAP Work Manager with the Rounds add-on Component Overview

Using SAP Work Manager with the Rounds component, technicians can record the measuring points for rounds. You can view these rounds and their points by entry lists, locations, equipment, and by round number. You enter measurements, and SAP Work Manager enforces upper and lower limits of the measurements if necessary. Counter readings and observations without reading values are also supported.

Your recorded readings are stored in the client by the SAP Work Manager application until they are successfully synchronized with the SAP ERP system. This synchronization is handled by the SAP Mobile Platform. After logon, the synchronization process begins, which includes the transmission of data captured in the client. The server then updates this data to the SAP ERP system.

Once data from the client is updated, new data from the SAP ERP system is downloaded to the client for you. The data includes any new or changed rounds and points, as well as tables to store locations, equipment, and code groups. This synchronization is all handled through the mobile suite administration component, which is an ABAP add-on to the SAP ERP systems.

## 6.2 Implementing the Rounds add-on for SAP Work Manager

### Prerequisites

Address the following items before performing the procedure:

- The system requirements for Rounds and the SAP Work Manager application are the same. Therefore if the requirements for SAP Work Manager exist, then no additional requirements for Rounds are necessary.
- The Mobile Add-On for ERP Administration component is installed to SAP ERP.
- The person performing this procedure has access to the host system for SAP Mobile Platform.
- The person performing the procedure has administrative access to the target client for the SAP ERP application.

### Context

This process describes the steps involved in implementing the Rounds component for the SAP Work Manager application. This procedure is only performed to add the the Rounds component where needed. If not using the Rounds component, do not execute the procedure.

## Procedure

1. Access the ConfigPanel through the Mobile Add-On for ERP.
2. From the ConfigPanel Home page, click the *Mobile Application Configuration* link.
3. Click the *Client Globals* tab. In the left column, select your *Defined Mobile Application* from the list.  

The globals associated with the client application populate the *Client Global List* table, as well as other fields and sections on the page.
4. In the *<Search>* field, type *Rounds* and click the Search icon.  

The *Rounds.Enable* global appears on the Client Global List table.
5. If the global is not already set to *Y*, click the *Change* button to edit the global table, and set the global. Be sure to also check the *Active Flag* check box to activate the global. *Save* your changes.
6. Click the *Parameters* tab. Ensure that you still have your desired *Defined Mobile Application* selected in the left column.
7. In the *Parameter List* table, select the *Param Name* row heading, then select *User Defined Filter* from the menu selection choices.
8. In the *<Param Name>* field, type *ctEntryListPoints* and click *Filter*.  

Only the EntryListPoints complex tables appear in the *Parameter List* table.
9. Find the *ENABLE\_TABLE* Parameter Group and ensure the *Parameter Value* is set to *1*. If it is not, click the *Change* button to edit the table, and set the parameter. *Save* your changes.
10. Repeat Steps 8 and 9, except type *ctEntryLists* in the *<Param Name>* field. Be sure to *Save* any changes if necessary.

## Next Steps



Once installed, use the application URL when performing the initial sync from each client. For SAP Work Manager with Rounds, use `https://[ServerName]:8081/SAPWM` where *ServerName* is the location of your SAP Mobile Platform server.

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