Install Guide for mInventory 2504

Connected Worker Solutions



Copyright © 2012-2025, Innovapptive Inc. and/or its affiliates. All rights reserved

Title and Copyright

Copyright and **Terms of Use** for Install Guide for mInventory, a Mobile Inventory Management Solution of *Connected Workforce Platform*TM.

Install Guide for mInventory, a Mobile Inventory Management Solution of *Connected Workforce Platform*TM

Product Version: 2504

Release Date: 01 April 2025

Published Date: 05 April 2025

Document Version: 1.0

Copyright © 2025, Innovapptive Inc. and/or its affiliates. All rights reserved.

Primary Author: Innovapptive Inc.

Copyright Notices: Neither our Application nor any content may be copied without inclusion of all copyright notices and/or disclaimers provided therein. Any third party provider logos or marks provided through the Application shall remain owned by such third party provider as may be indicated in a notice contained in the Application or content and you shall not modify or remove any such notice. Neither we nor our suppliers or any third party providers grant any rights or license to any logos, marks, or copyrighted material other than as expressly set forth herein.

Preface

Understand audience, know related documents and products and conventions followed in this document.

Audience

This guide is for technical configurators who Install and do related configurations for mInventory, a Mobile Inventory Management Solution of *Connected Workforce Platform*TM.

Document Conventions

Convention	Meaning	
boldface	Indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.	
italic	Indicates book titles, emphasis, or place- holder variables for which you supply values.	
monospace	Indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter	

Table 0-1 Conventions followed in the document

Related Products

- Work Order Management
- Inventory and Warehouse Management
- Operator Rounds
- Inspections Checklist
- Fixed Asset Management
- Field Procurement
- Analytics and Dashboards

Contact Innovapptive

For information on Innovapptive products, visit the Innovapptive's Support Portal at http:// helpdesk.innovapptive.com.

The updates to this document are published on this support portal. Check this website periodically for updated documentation.

For additional information about this document, send an email to documentation@innovapptive.com.

Contents

Title and Copyright	ii
Preface	iii
1. Install minventory	7
1.1. Install supporting systems	7
1.2. Install minventory	9
2. Install RACE™ SAP® ECC and Gateway Add-Ons	13
2.1. Install RACE™ SAP® ECC and Gateway Add-ons and support packs	16
2.1.1. Verify SAP® ECC RACE™ Add-On	
2.1.2. Verify SAP® GW RACE™ Add-On	22
2.2. Install RACE™ SAP® ECC and Gateway Support packs	22
2.3. Activate RACE™ OData Service	
2.4. Activate UI5 Service	
2.5. Activate FIORI Service	
2.6. Import RACE™ SAP® ECC and Gateway ABAP Transports	33
2.6.1. Import Transports	34
2.6.2. Verify SAP® ECC RACE™ Transport	
2.6.3. Verify SAP® GW RACE™ Transport	
2.6.4. Activate RACE™ OData Service	
2.6.5. Activate UI5 Service	41
2.6.6. Activate FIORI Service	43
3. Install minventory SAP® ECC and Gateway Add-Ons	
3.1. Install mInventory SAP® ECC and Gateway Add-ons and support packs	49
3.1.1. Verify SAP® ECC MIM Add-On	52
3.1.2. Verify SAP® GW MIM Add-On	53
3.2. Install minventory SAP® ECC and Gateway Support packs	
3.3. Activate mInventory OData Service	60
3.4. Import mInventory SAP® ECC and Gateway Transports	62

3.4.1. Verify SAP® ECC MIM Transport	
3.4.2. Verify SAP® GW MIM Transport	65
3.4.3. Activate mInventory OData Service	67
4. Check Schema Change Indicator	
5. SAP Gateway cache clean up	
6. Configure SAP Gateway for mInventory	
6.1. Prerequisites for SAP Gateway Configuration	72
6.2. Map source and destination systems for mInventory	72
6.3. Configure stock categories for Stock Overview	73
6.4. Configure output types for Label Printing	74
6.5. SAP Log Table for failed transactions when in Offline mode	75
6.6. Enable Ping ID support for iOS	77
6.7. Configure SAP HR Master Data	77
7. Configure RACE™ for mInventory	81
7.1. Features of RACE™	82
7.2. How to Configure RACE™ for mInventory	83
8. SAP transactions and tables for mInventory	
9. Deploy MIM UI5 package to SAP Cloud platform (SCP)	87
10. Implement BADIs	89
10.1. Prerequisites for BADI Implementation	
10.2. Activate and Implement BADI	
10.3. Verify BADI Implementation	
10.4. List of BADIs for mInventory	97
11. Generate Secondary Indices	
11.1. Create Secondary Index	
12. Download App and Install	

1. Install mInventory

Ensure that the preinstallation requirements are met before you install minventory. See *Pre Install or Pre Upgrade Configurations Guide* for information.

mInventory installation process involves two stages:

- Install supporting systems (on page 7)
- Install minventory (on page 9)

1.1. Install supporting systems

Install the following supporting systems as part of the preinstallation requirements.

Software	
	• SMP 3.0 SP11 PL06 and above (SAP Mo-
	bile Platform)
	 Business Technology Platform Mobile
	service
	 SAP Cloud Connector latest version
	 SAP NetWeaver Gateway 7.4 and
	above with SAP_BASIS component
	(740 and above), SAP_GWFND 740
	component (SP 13 and above), and
	SAP_UI component (SP 13 and above)
	 Reverse proxy (SAP Web Dispatcher,
	Apache, Junos Pulse, NetScaler proxy
	servers are recommended. Others
	need to be evaluated.)
	• RACE 2201 - SAP_UI 740 (SP13 and
	above) or SAP_UI 750 (SP01 or above)
	or provide access to online UI5 libraries
	of version 1.71
	• SPAM Version 69 and above (only for
	Add-Ons.)

Table 1-1 Prerequisites

Table 1-1 Prerequisites (continued)	
SAP Business Suite	 ECC 6.0 EHP 5 with SAP_BASIS 702 and above (recommended) Lower versions are compatible (requires evaluation) SAP S/4HANA Business Suite 1610, 1909, 1709, 1809, and 2020
Compatible Security Authentication Mech- anism	 Basic authentication SSO2 between SMP and NetWeaver Gateway Active Directory SSO SAML 2.0 Authentication
Access	 SAP Basis System Admin with access to 000 clients in Gateway and ECC sys- tems. Access to SAP File directory usr/sap/ trans/EPS/in to upload PAT files.
Assumptions	Access to the RACE™ portal can be complet- ed after the RACE™ admin user credentials setup is completed.

Install the supporting systems in the order defined in the flow.



1.2. Install minventory

Once you complete all pre-installation requirements, begin mInventory installation. The following flow gives you an overview of the steps involved in installing mInventory.



The sections in the following table guide you with the mInventory installation process:

Table 1-2 References

Task	Reference to section
Install RACE™ SAP ECC and Gateway Add- ons or Support Packs / Import Transports	 Install RACE[™] SAP[®] ECC and Gateway Add-Ons (on page 13) Import RACE[™] SAP[®] ECC and Gateway ABAP Transports (on page 33)
Activate RACE™ oData, UI5, and Fiori Services	Activate RACE™ OData Service (on page 27)
	Activate UI5 Service (on page 29)
	Activate FIORI Service (on page 31)
Install mInventory SAP ECC, Gateway and UI5 Add-ons/ Import Transports	 Install mInventory SAP® ECC and Gate- way Add-Ons (on page 46) Import mInventory SAP® ECC and Gateway Transports (on page 62)
Activate mInventory oData, Gateway UI5 and Fiori Services	Activate mInventory OData Service <i>(on page 60)</i>
	Activate Gateway UI5 Service (on page)
	Activate Gateway FIORI Service <i>(on page)</i>
Check Schema Indicator	Check Schema Change Indicator <i>(on page</i> 69)
Clean Gateway Cache	SAP Gateway cache clean up <i>(on page 71)</i>
Configure SAP Gateway for mInventory	Configure SAP Gateway for mInventory <i>(on page 72)</i>
Upload the Configurations in Excel format to RACE™ Application	How to Configure RACE™ for mInventory <i>(on page 83)</i>
Deploy minventory UI5 package to SCP	Deploy MIM UI5 package to SAP Cloud plat- form (SCP) <i>(on page 87)</i>
Implement BADI enhancements	Implement BADIs <i>(on page 89)</i>

|1 - Install mInventory

Table 1-2 References (continued)

Task	Reference to section	
Prepare & Update Resource File	Update Resource File <i>(on page)</i>	
Download and Install App	Download App and Install (on page 113)	

2. Install RACE™ SAP® ECC and Gateway Add-Ons

Add-On: All the transports of previous releases and the transports of the current release are packaged into a single add-on for the main release. For example, 2003, 2006 and so on. Install the add-on for the current release that is provided by Innovapptive representative.

Transport: Only the changes for that HotFix are packaged into a transport. You MUST install all the transports till date and must install them in the order they are mentioned. Even a single misplaced installation of transport could result in installation errors.

Note:

Ask your Innovapptive contact for the latest add-ons and support-packs and these components will be provided in a compressed file format, such as .zip, .rar, and sent to you either through email or through FTP.

Туре	Add-On	Description	Dependency
Add-On	EZY0021310268 0000004.PAT	INNOV:RACE™:2208 SP02 ECC Objects	None
SP01	EZY0021310268 0000006.PAT	Innov RACE 2208 SP02 HF01 ECC Ob- jects	Dependency
SP21	EZY0021310268 0000053.PAT	Innov RACE 2208 SP02 HF03-HF25 ECC Objects	Dependency
SP31	EZY0021310268 0000078.PAT	Innov RACE 2208 SP02 HF26-HF35 ECC Objects	Dependency
SP42	EZY0021310268 0000104.PAT	Innov RACE 2208 SP02 HF36-HF46 ECC Objects	Dependency
SP43	EZY0021310268 0000118.PAT	Innov RACE 2208 SP02 HF47.1 ECC Objects	Dependency

Table 2-1 RACE™ ECC Add-On and Support Packages

Туре	Add-On	Description	Dependency
SP44	EZY0021310268 0000119.PAT	Innov RACE 2208 SP02 HF48 ECC Ob- jects	Dependency
SP45	EZY0021310268 0000121.PAT	Innov RACE 2208 SP02 HF49 ECC Ob- jects	Dependency
SP46	EZY0021310268 0000126.PAT	Innov RACE 2208 SP02 HF50 ECC Ob- jects	Dependency
SP47	EZY0021310268 0000131.PAT	Innov RACE 2501.1 ECC Objects	Dependency
SP48	EZY0021310268 0000140.PAT	Innov RACE 2502.1 ECC Objects	Dependency
SP49	EZY0021310268 0000144.PAT	Innov RACE 2502.3 ECC Objects	Dependency
SP50	EZY0021310268 0000151.PAT	Innov RACE 2503.3 ECC Objects	Dependency
SP51	EZY0021310268	Innov RACE 2504.01	Dependency

, . •

Table 2-2 RACE™ Gateway Add-On and Support Packages

Туре	Add-On	Description	Dependency
Add-On	NZY0021310268 0000006.PAT	INNOV:RACE™:2208 SP02 Gateway Ob-	None
		jects	
SP01	NZY0021310268	Innov RACE 2208	Install RACE™
	0000008.PAT	SP01 UI5 Application	Add-On
			NZY0021310268
			0000006.PAT before
			importing SP01

Туре	Add-On	Description	Dependency
SP39	NZY0021310268 0000113.PAT	RACE 2208 SP02 GW Addon(HF03 - HF25)	Install RACE™ Add-On NZY0021310268 0000008.PAT befo importing SP01
SP58	NZY0021310268 0000148.PAT	RACE 2208 SP02 GW Addon (HF26 - HF35.1)	Dependency
SP59	NZY0021310268 0000149.PAT	RACE 2208 SP02 UI5 (HF26 - HF35)	Dependency
SP60	NZY0021310268 0000150.PAT	RACE 2208 SP02 Fiori (HF26 - HF35)	Dependency
SP61	NZY0021310268 0000152.PAT	RACE 2208 SP02 HF36 GW Objects	Dependency
SP62	NZY0021310268 0000154.PAT	RACE 2208 SP02 UI5 (HF03 - HF35)	Dependency
SP63	NZY0021310268 0000155.PAT	RACE 2208 SP02 Fiori (HF00 - HF35)	Dependency
SP74	NZY0021310268 0000179.PAT	RACE 2208 SP02 GW Addon (HF36 - HF46)	Dependency
SP75	NZY0021310268 0000182.PAT	RACE 2208 SP02 Fiori (HF36 - HF46)	Dependency
SP76	NZY0021310268 0000183.PAT	RACE 2208 SP02 HF47 GW Objects	Dependency
SP77	NZY0021310268 0000184.PAT	RACE 2208 SP02 HF48 GW Objects	Dependency
SP78	NZY0021310268 0000186.PAT	RACE 2208 SP02 HF49 GW Objects	Dependency

Туре	Add-On	Description	Dependency
SP79	NZY0021310268 0000191.PAT	RACE 2208 SP02 HF50 GW Objects	Dependency
SP80	NZY0021310268 0000194.PAT	RACE 2208 SP02 2501.1 GW Objects	Dependency
SP81	NZY0021310268 0000195.PAT	RACE 2208 SP02 2501.1 Fiori Objects	Dependency
SP82	NZY0021310268 0000197.PAT	RACE 2208 SP02 2501.2 Fiori Objects	Dependency
SP83	NZY0021310268 0000200.PAT	RACE 2208 SP02 2501.3 GW Objects	Dependency
SP84	NZY0021310268 0000202.PAT	RACE 2208 SP02 2501.4 GW Objects	Dependency
SP85	NZY0021310268 0000215.PAT	Innov RACE 2208 SP02 2503.3 GW Objects	Dependency
SP86	NZY0021310268 0000218.PAT	Innov RACE 2208 SP02 2504.01 GW Objects	Dependency

2.1. Install RACE[™] SAP[®] ECC and Gateway Add-ons and support packs

Install the add-ons and support packs at one go using the steps given below. However, if you have already installed add-ons and you want to install the support packs (hotfixes), follow the procedure detailed in Install RACE[™] SAP[®] ECC and Gateway Support packs (on page 22).

To install RACE[™] SAP[®] ECC and Gateway add-ons:

- 1. Extract the zip or .rar files that you received from Innovapptive representative and save them to your local machine.
- 2. Upload/copy the Add-On files and Support Packs from software deployment package to the **USR/SAP/TRANS/EPS/in** path on SAP ECC & GW systems.



- 3. Log in to **000** clients of SAP GW / ECC System (based on the Add-On being imported).
- 4. Navigate to the transaction code **SAINT**.
- 5. Navigate to Installation Package, Load Packages, From Application Server.

Fi	ġι	ure 2-1 9	SAINT									
1	\$	Installation	Package	Ed	lit	<u>G</u> oto	Extr <u>a</u> s	Utilities(<u>M</u>)	En <u>v</u> ironment	S <u>v</u> stem	<u>H</u> elp	
	6	Load <u>p</u>	ackages	⊁		<u>F</u> rom Fro	ont End		61222	1 I 💭	2 0	.
		Exit	Shift+F3			From Ap	plication	Server				
	1	Add-On	Installa	atio	on	Tool ·	· Versi	on 7.02/	0064			
	9	3 🖾 🛛	i									

6. Click **Yes** in the confirmation screen.

Packages are loaded in the file system

Figure 2-2 SAINT: Upload Packages



7. Once the packages are loaded, go back to the main screen, and click Start.

Figure 2-3	Installed Add-ons
------------	-------------------

Add-On I	nstallatio	n Tool	- Version 7.40/0061	
🥶 🖉 😰 🕻	8			
	Add-0)n Insta	llation Tool : Installed Add-ons	
Add-ons and	Preconfigured	Systems i	nstalled in the system	
Add-on/PCS	Release	Level	Description	Import 🚺
PI_BASIS	740	0008	Basis Plug-In	00
SAP_ABA	740	0008	Cross-Application Component	00
SAP_BASIS	740	0008	SAP Basis Component	00
SAP_BW	740	0008	SAP Business Warehouse	00
SAP_GWFND	740	0012	SAP Gateway Foundation 7.40	00
SAP_UI	740	0009	User Interface Technology 7.40	00
ST-PI	740	0000	SAP Solution Tools Plug-In	00
			4 >	< >
Status/Remark	s			
C The over	view shows voi	u the inst	alled Add-ons and Preconfigured systems	
Chooce [S]	TADT1 to ctart	on installs	ation or an ungrado	
- choose (s	TAKTJUSTAL	diffisidia	aton or an upgrade	
Dock	<u>ل</u> م ،	Stort	p	Second Cancel
Dollk		otart	l,	- cancer

8. Select the Add-On in the next screen and click **Continue**.

Add-On Inst	allation To	ool - Version 7.40/0061							
🔮 📓 😰 🛅									
	Add-on 1	Installation Tool: Add-on selecti	on						
	Stack Config	uration 🧖 Stack XML File							
Installable Add-on	packages for y	our system							
Add-On	Release	Description	Package type						
INVCEC	NGW_605	INVCEC NGW_605: Add-On Installation	Installation						
_			<u> </u>						
		4 5							
Status/Remarks									
G Select one or	several packag	es from the installable Add-on packages							
- Choose [CONT]	(NUE) to start t	he calculation of the installation queue							
- Choose [BACK]	- Choose [BACK] to go back to the overview of the installed Add-ons								
- Choose [LOAD]) to load additio	nal packages from the application server							
Back	🗟 Continu	e 🔍 Load Screer	1/6 🗙 Cancel						
			,						

Figure 2-4 Select Add-on

9. Click **Continue** in the next screen.

The OCS packages to be imported are displayed in the next screen.

10. Click **Continue** to proceed to the next step.

Add-On Installation Tool - Version 7.40/0061											
S 🐨 🖺 🛅											
Installation of several Add-ons : Calculated queue											
Installation queue	Software Components										
OCC packages for imm											
OCS packages for imp	Dackage type	Software Corpoo	Release	Short descrip							
SAPK-N65COININVCEC	Installation	INVCEC	NGW 605	INVCEC NGW							
CALL HOUSE AND COMMITTEE	In Stand Cont	Divided.	NG/1_000	ATTCCC INGIN							
				*							
Status/Remarks											
The displayed pack	ages must be imported wr	hen installing the Add-	on								
- You have not select	ed any further Support Pa	ckages toront Turners to to d									
Choose [CONTINUE] to add Modification Adjustment Transports to the queue											
- Choose [BACK] to g	o back to the Support Pac	kage selection									
Back 🔂	Continue	Logs Sci	reen 3 / 6	🗙 Cancel							

Figure 2-5 Add-on Queue

11. Click **No**, when asked to add Modification Adjustment Transports to the queue.

- 12. Click the Import 🗹 icon.
- 13. Click Finish.

2.1.1. Verify SAP[®] ECC RACE[™] Add-On

To verify the SAP[®] ECC RACE[™] add-on:

- | 2 Install RACE[™] SAP[®] ECC and Gateway Add-Ons
 - 1. Run the transaction code **SE37**.
 - 2. Enter **object type** to search for all objects **/INVMGO/***.

Figure 2-6 Function Builder Initial Screen

Function Builder: Initial Screen
🖆 🥕 🐺 🔂 📅 🗔 🙌 Reassign
😚 Display 🖉 Change 🗋 Create

3. Press **<F4>** to view the list of classes and capture the screenshot(s) to share the results.

Functi	unction Builder: Initial Screen						
i 🧪 🖲	🛱 🚭 🗓 📅 🖆 🚯 Reassign						
(Ex Repository Info System: Eurotion Mo	adulae Find (22 Hite)	ล				
Function I	E Repository into System. Function Me		4				
runction	F						
	Function group	Function group short text	1				
ଟେ ।	Function Module Name	Short text for function module					
	/INVMGO/EXTENSIONS_FG	Extensions					
	/INVMGO/BAPI_ATTACHMENTS_LIST	List of Attachments					
	/INVMGO/BAPI_ATTACH_DOWNLOAD	Attachment Download					
	/INVMGO/BAPI_DYNAMIC_DROPDOWN	Dynamic dropdown					
	/INVMGO/EXTENSION_SIRING_FM	Preparing Extension String.					
	/INVMGO/FM_CUSTOM_DROPDOWN	Custom drop down					
	/INVMGO/FM_DYNAMICGET_FM_CALL	Get the transform orders list					
	/INVMGO/FM_DYNAMICPOST_FM_CALL	Get the transform orders list					
	/INVMGO/FM_DYNAMIC_MODULE_ADD	Get the transform orders list					
	/INVMGO/FM_FIELDS_PROCESS	Processing fields and store in final internal table	88				
	/INVMGO/FM_FUNCTION_FIELDS	Get the Function Module Parameters List					
	/INVMGO/FM_GET_FMLIST	Get the Function modules list for app specific					
	/INVMGO/FM_GET_TABLESLIST	Get the Function modules list for app specific					
	/INVMGO/GET_PARAMETERID_VALUES	Get Parameter ID vales					
	/INVMGO/SCOPING_FM	Scoping					
	/INVMGO/WHERE_CONDITIONS	Where Condition					
	/INVMGO/GLOBAL FG	Global FG					
	/INVMGO/BAPI EXTENSION	Extension Header					
	/INVMGO/BAPT UT LABELS	UI Labels based on Language					
	/INVMGO/BAPT USER DETAILS	Logon User Details					
	/INVMGO/FM_CURRENCY_EXCHNG	Currench Exchange Rate					
	/INVMGO/FM GET CUURENCY FORMAT	Currency Codes format	-				
	/INVMGO/FM GET DECIMAL FORMAT	Date Notation Format					
	,						
	4.5		-				

Figure 2-7 Function Module Classes

2.1.2. Verify SAP® GW RACE™ Add-On

To verify the SAP[®] GW RACE[™] add-on:

- 1. Navigate to the transaction code SE24.
- 2. Enter object type to search for all objects /INVCEC/*.
- 3. Press **<F4>** to view the list of classes and capture the screenshot(s) to share the results.

Figure 2-8 Object Classes

G Repository Info System: Class/Interface Find (10 Hits)									
F									
Object Type Name	Short Description								
/INVCEC/CL_GU_DP_TRANSPORT	Gateway Data Provider: Interoperability 700								
/INVCEC/CL_GW_MP_TRANSPORT	Gateway Model Provider: Interoperability								
/INVCEC/CL_RACE_DPC	Data Provider Base Class								
/INVCEC/CL_RACE_DPC_EXT	Data Provider Secondary Class								
/INVCEC/CL_RACE_MPC	/INVCEC/CL_RACE_MPC								
/INVCEC/CL_RACE_MPC_EXT	/INVCEC/CL_RACE_MPC_EXT								
/INVCEC/IF_BAPI_ATTACH_DOWNLOA	/INVCEC/IF_BAPI_ATTACH_DOWNLOA								
/INVCEC/IF_BAPI_ATTACHMENTS_LI	/INVCEC/IF_BAPI_ATTACHMENTS_LI								
/INVCEC/IF_FM_CUSTOM_DROPDOWN	/INVCEC/IF_FM_CUSTOM_DROPDOWN								
/INVCEC/IF_ZDYNSCREENCONF	/INVCEC/IF_ZDYNSCREENCONF								

2.2. Install RACE[™] SAP[®] ECC and Gateway Support packs

If you have installed the add-ons and are installing only the support pack (hotfixes), follow the steps described below.

To install the RACE[™] SAP[®] ECC and Gateway support pack:

- 1. Log in to **000** client of SAP GW & ECC System (based on the support pack being imported).
- 2. Navigate to the transaction code SPAM.
- 3. Navigate to Support Package, Load Packages, From Application Server.

Figure	2-9	SAINT
--------	-----	-------

C	Support Package	dit <u>G</u> oto /	Extr <u>a</u> s	Utilities	Engironment	System	Help
	Load packages	•	ŧ	From Front B	End	1 6 2	👿 🗖 🛛 🕜 🖪
-	Import SPAM/SAIN	Import SPAM/SAINT Update			From Application Server		
	Import gueue	Shift+F7	- V	ersion /	7.40/0061	_	
	Confirm	Shift+F6					
	Exit	Shift+F3	_				
			_				

4. Click **Yes** in the confirmation screen.

Packages are loaded in the file system

Figure 2-10 SAINT: Upload Packages



5. Once the packages are loaded, go back to the main screen, and click **Display/define**.

Figure 2-11 Support Package Manager

C Support Package	Edit Goto Extras Utilities Environment System Help
0	▼ 4 🔲 😋 🚱 😫 🗋 ₩ ₩ 巻 혐 쇼 원 🛒 🗖 🚱 🖪
Support Pack	age Manager - Version 7.40/0054
🔒 🕄 🗟 🖉 💅	
Queue	Display/define

6. Choose the software component for which you want to import Support Packages and click 🗹.

Figure 2-12 Component Selection

ē	Cromponent Selection										
Cho	Choose the software component for which you want to import Support Packages										
3	🖓 🔎 🧔 Stack XML file 🔽										
	CompID Release Short Description of Component Support Package type										
	ECC-DIMP	600	DIMP	Add-on Support Pkg.							
	ERECRUIT	600	E-Recruiting	Add-on Support Pkg.	Ŧ						
	FI-CA	600	FI-CA	Add-on Support Pkg.							
	FI-CAX	600	FI-CA Extended	Add-on Support Pkg.							
	INSURANCE	600	SAP Insurance	Add-on Support Pkg.							
	IS-CWM	600	Industry Solution Catch Weight Mana	Add-on Support Pkg.							
	IS-H	600	SAP Healthcare	Add-on Support Pkg.							
	IS-M	600	SAP MEDIA	Add-on Support Pkg.							
	IS-OIL	600	IS-OIL	Add-on Support Pkg.							
	IS-PS-CA	600	IS-PUBLIC SECTOR CONTRACT ACCO	Add-on Support Pkg.							
	IS-UT	600	SAP Utilities/Telecommunication	Add-on Support Pkg.							
	LSOFE	600	SAP Learning Solution Front-End	Add-on Support Pkg.							
	SEM-BW	600	SEM-BW: Strategic Enterprise Manag	Add-on Support Pkg.							
	INVMGO	ECC_603	Innovapptive ECC RACE 6.0.3 Addon	Add-on Support Pkg.							
					Ŧ						
					-						

7. If all the conditions are met, and you get the package (**green**) click 🗹.

Figure 2-13 Confirm Queue

[E Define Queue for the Add-On INVMGO rel. ECC_603							
	Choose the highest Support Package you want or confirm the queue							
	Package ID	CompID	Release	Short Description				
	SAPK-E6302ININVMG0	INVMGO	ECC_603	INVHGO ECC_603: SP 2				
ľ				•				
ŀ	() ·		2		4 >			
					✓₽₽₽×			

- 8. Click **No**, when asked to add Modification Adjustment Transports to the queue.
- 9. Go to **Support package** in the menu bar and click **Import Queue**.

¢	Support Package	dit <u>G</u> oto E	extras Utilities Engironment System Help
(Load packages	•	C C C C I I II II I I I I I I I I I I I
	Import SPAM/SAIN	T Update	
	Import gueue	Shift+F7	- Version 7.40/0054
ſ	Confirm	Shift+F6	
	Exit	Shift+F3	
Q	ueue SAM	<u> </u>	Usplay/define
Ľ	Directory		Status
	New Support Package	s	Queue is defined for the
	Aborted Support Pack	ages	Software Component: INVMGO
O #Il Consent Declares			SPAM status: 000
All Support Packages			Next action: Import queue

Figure 2-14 Import Queue

10. Click \checkmark to start the import process.

Figure 2-15 Import Queue Confirm



11. Once the package is imported, a confirmation screen appears. Click 🗹 on the screen.

12. Go to Support Package in the menu bar and click Confirm.

A confirmation message appears.

Note:

If you face any issues/errors while installing the Add-On/Support pack, send log files with screenshots and details of the error to your **Innovapptive SAP Basis team** contact assigned to your project.

¢	Support Package Edit Goto	Ex	tr <u>a</u> s	Utilities	Engironment	System	Help
6	Load packages	۲	C 6	8 🗄		10.02	🛒 🔁 🚱 📑
	Import SPAM/SAINT Update Import gueue Shift+F7		- Ve	rsion 7	.40/0054	1	
Ģ	Confirm Shift+F6						
	Exit Shift+F3						
QL	IEUE SAPK-E630			1	Display/defin	2	
D	irectory			Status			
0	New Support Packages			Queue	imported for	the	
0	Aborted Support Packages			Softwa	are Componen	t: INVMGO	
0	Imported Support Packages			SPAM	status:	040	
0	All Support Packages			Next a	ction:	Confirm que	eue
ଟିଙ୍ Display				So .	Package level		

Figure 2-16 Confirm Support Package

2.3. Activate RACE™ OData Service

Once add-on and support packs are installed, activate RACE™ OData Service.

To activate the RACE™ OData service:

- 1. Login to Gateway system.
- 2. Navigate to the transaction **/IWFND/MAINT_SERVICE**.
- 3. Select the service **/INVCEC/RACE_SRV**.
- 4. Click **Activate** from the drop-down list of **ICF Node** options.

A message appears notifying the package selection appears.

Figure 2-17 Activate and Maintain Services

Act	Activate and Maintain Services									
(a) (D Ad	d Senvice Pelete Senvice 🔯 Senvice Detaik	N beo I	adata I Broor Log Ba Request Statis	tice Rofr	roch Cat	alog 🔕 OAuth 🐚	Soft State	
				JEOUG HIC			Con Cat		Join June	
Serv	ice Catalog									
Туре	Technical Service Name	^v	Service Description	External	Service Name	Namespace	OAut	Soft State Status	Is SAP Ser	
BEP	ZPAGE BUILDER CUST	1	Pagebuilder - Customizing level	PAGE B	ILDER_CUST	/UI2/	-			
BEP	ZPAGE BUILDER PERS	1	Pagebuilder - Personalization level	PAGE B	ILDER PERS	/UI2/	-			
BEP	ZPAGEBUILDER SERVICE V 0 1	1	Gateway Data Provider: Pagebuilder v0.1 (DB)	PAGEBU	LDER SERVICE V 0 1	/UI2/	-			
BEP	ZPP PRODOPS CONFIRM SRV	1	Confirm Production Order Operation	PP PRO	OPS CONFIRM SRV		1			
BEP	ZQUICKVIEW	1	Quickview Service	QUICKVI	EW	/UI2/	1			
BEP	/INVCEC/RACE_SRV	1	Global Extensions	RACE SE	V	/INVCEC/	V			
BEP	ZRMTSAMPLEFLIGHT	1	OData Channel - Reference SFlight Data Provider	RMTSAM	PLEFLIGHT	/IWFND/	-			
BEP	ZRMTSAMPLEFLIGHT 2	1	OData Channel - Reference SFlight Data Provider	RMTSAM	PLEFLIGHT 2	/IWBEP/	-			
BEP	RSAO ODATA SRV	1	Tlogo and Bookmark access via Odata	RSAO O	DATA SRV		-	Not Supported		
BEP	S EPM SADL GW DEV SCEN RO SRV	1	EPM: SADL-based GW-Service 'NW 2013 Dev. Sce	S EPM	ADL GW DEV SCEN RO SRV		-			
BEP	ZSAMPLE EPM EMPLOYEE LIST	1	Sample employee list service based on EPM	SAMPLE	EPM EMPLOYEE LIST	/UI2/	-			
BEP	ZSAMPLE EPM POWL CACHED	1	Sample POWL for APPLID EPM_POWL (customizin	SAMPLE	EPM POWL CACHED	/UI2/	-			
BEP	ZSAMPLE EPM POWL CODED	1	Sample POWL for APPLID EPM_POWL (ABAP code)	SAMPLE	EPM POWL CODED	/UI2/	1			
BEP	ZSAMPLE EPM POWL CUST	1	Sample POWL for APPLID EPM_POWL (customizin	SAMPLE	EPM POWL CUST	/UI2/	1			
BEP	ZSAMPLE POWL SFLIGHT ALL	1	Sample flight service based on POWL framework	SAMPLE	POWL SFLIGHT ALL	/UI2/	1			
100		Clash]		E Add Curtum Alias E Damaus Curtum	Alian Cocurt		ll CoCentine Inclus	and a binner	
1 0	Node an erowser A SAP Gateway	Cient]		EQ AUD System Alias E@ Remove System	Milds per Clist	omizing	In bar pervice Implen	iencation	
A	Activate System Aliases									

5. Click the **Local Object** button and continue to activate the service.

The OData service is activated and the status turns green.

[데] [[] [[[[[]]]] [] [] []									
C Service Details All conducted and the service of									
🕲 🗐 🐘 🚯 👾 🕞 Refersh Catalon 🕲 Oauth 🕲 Service Details 🖓 Load Metadata 🔡 Error Lon 🔤 Request Statistics 🛛 Refersh Catalon 🕲 Oauth 🕲 Soft									
🕲 🌲 🗑 🕼 🕼 🚛 Fitter E-Add Service 🖾 Delete Service 🗟 Service Details 🕼 Load Metadata 🔮 Error Log 🛛 💀 Request Statistics 🗍 Ørefresh Catalog 🔍 OAuth 🛝 Soft State									
Service Catalog									
Type Technical Service Name Anamespace OAut, Soft State Status Is S	P Service								
BEP ZPAGEBUILDER SERVICE V 0 1 1 Gateway Data Provider: Pagebuilder v0.1 (DB) PAGEBUILDER SERVICE V 0 1 //UI2/									
BEP ZPP PRODOPS CONFIRM SRV 1 Confirm Production Order Operation PP PRODOPS CONFIRM SRV									
BEP ZOUICKVIEW 1 Quickview Service QUICKVIEW //UI2/									
BEP /INVCEC/RACE SRV / INVCEC/ V /INVCEC/									
BEP ZRMTSAMPLEFLIGHT 1 OData Channel - Reference SFlight Data Provider RMTSAMPLEFLIGHT //WFND/ 📝									
BEP ZRMTSAMPLEFLIGHT 2 1 OData Channel - Reference SFlight Data Provider RMTSAMPLEFLIGHT 2 //WBEP/									
BEP RSAO ODATA SRV 1 Tlogo and Bookmark access via Odata RSAO ODATA SRV 🛛 Not Supported									
BEP S EPM SADL GW DEV SCEN RO SRV 1 EPM: SADL-based GW-Service 'NW 2013 Dev. Sce S EPM SADL GW DEV SCEN RO SRV									
BEP ZSAMPLE EPM EMPLOYEE LIST 1 Sample employee list service based on EPM SAMPLE EPM EMPLOYEE LIST /U12/									
BEP ZSAMPLE EPM POWL CACHED 1 Sample POWL for APPLID EPM_POWL (customizinSAMPLE EPM_POWL CACHED //UI2/									
BEP ZSAMPLE EPM POWL CODED 1 Sample POWL for APPLID EPM_POWL (ABAP code) SAMPLE EPM POWL CODED //UI2/									
BEP ZSAMPLE EPM POWL CUST 1 Sample POWL for APPLID EPM_POWL (customizinSAMPLE EPM_POWL CUST //UI2/									
BEP ZSAMPLE POWL SFLIGHT ALL 1 Sample flight service based on POWL framework SAMPLE POWL SFLIGHT ALL /UI2/									
BEP SEPM HANA EXT PAL ODATA SRV 1 SEPM_HANA_EXT_PAL_ODATA SEPM_HANA EXT_PAL_ODATA SRV V Not Supported									
BEP ZSM_CATALOG_SRV 1 Social Media Remote Catalog OData Service SM_CATALOG_SRV Q									
CF Node] CG IB Browser 🕮 SAP Gateway Clent 🖗 Service Implementation									
ICF Nodes System Aliases									
Status ICF Node Session Time-out Soft State Description SAP System Alias Description Default	Metadata								
CCI 0DATA 00:00:00 Standard Mode									

6. Click **Add System Alias** above **System Aliases** on the right to add the SAP System alias for the selected service.

- | 2 Install RACE™ SAP® ECC and Gateway Add-Ons
 - 7. Click New Entries.

Figure 2-19 New Entries for System Alias

다 Table View Edit Goto Selection Utili	ties S <u>v</u> stem	Help				
♥ ↓ ■ ♥ @	😣 I 🖨 M M	1 20 10 10 :	2 🐹 🗾 😢 📑			
Change View "Assign SAP System	m Aliases to	o OData Se	ervice": Overview			
🎾 New Entries 🐚 🖬 🕼 🖪						
Assign SAP E New Entries (F5) Jata Service	Assign SAP c New Entries (F5) Jata Service					
Service Doc. Identifier	User Role	Host Name	SAP System Alias	Default System	Metadata Default	

8. Assign the System Alias (ERD in this case) for the service and save changes.

Figure 2-20 Assign SAP System Alias to Service

B Table View Edit. Goto Selection Litities System Help							
✓ ✓ < <p>H = 1 @ 2 @ 1 = 10 m / 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1</p>							
Change View "Assign SA	Change View "Assign SAP System Aliases to OData Service": Overview						
💖 New Entries 🗈 🗟 🕫 🖡 🖪	l B.						
Assign SAP System Aliases to OData S	Assign SAP System Alases to OData Service						
Service Doc. Identifier	User Role Host Name	SAP System Alias	Default System	Metadata Default	Tech. Svc. Name	Ext. Service Name	
/INVCEC/RACE_SRV_0001		ERD	✓		/INVCEC/RACE_SRV	RACE_SRV	*
							Ψ.

2.4. Activate UI5 Service

Activate UI5 Service once you have activated RACE™ OData Service.

To activate UI5 Service:

- 1. Go to the transaction code SICF and navigate to /default_host/sap/bc/bsp/invcec/ race_2201_ui5.
- 2. Right-click RACE 2201 UI5 and click Activate Service.

Figure 2-21 Activate RACE BSP Service



- 3. Click Yes.
- 4. Go to /default_host/sap/bc/ui5_ui5/ invcec/race_2201_ui5.

Service/Host Edit Goto Client System Help 👻 « 🖯 1 🗞 😪 1 👌 🖞 👘 1 🎝 🗘 1 🔽 🔽 1 🥥 🐺 0 Define Services Create Host/Service 😚 📅 🔂 🚺 🔿 External Alases 🛛 🔀 🎋 System Monitor Active 📑 Filter Details Virtual Host *RACE_2201_UI5 Service Path New Sub-Element Description Display Service English Ref.Service: Lang. Delete Service Apply 🛛 🦗 Reset 📜 Fine-Tune 7 Rename Service Activate Service **.** Deactivate Service Virtuelle Hosts / Services Documentation Test Service U default_host VIRTUAL DEFAULT HOS References to Service SAP NAMESPACE; SAP I BASIS TREE (BASIS FUN Dure to Servic Qbj. Directory Entry • 💮 sap • 🕤 bc • 🚱 bsp Cut BUSINESS SERVER PAGE ▼ ③ u5_u5 SAPUIS Application Hand Copy Invcec
 Image: Invcec_2201_ui5 Namespace RACE 2201 UIS Applicat Paste

Figure 2-22 Activate RACE UI5 service

- 5. Right-click RACE 2201 UI5 and click Activate Service.
- 6. Click Yes.

Access the SAPUI5 web application by replacing the **host name**, **port number** and **client number** in the following template's URLs to match your SAP NetWeaver Gateway instance:

- http://<hostname>:<port_number>/sap/bc/ui5_ui5/invcec/race_2201_ui5/ index.html?sap-client=100
- http://<hostname>:<port_number>/sap/bc/ui5_ui5/invcec/race_2201_ui5/ index.html?sap-client=100&sap-ui-language=EN&sap-ui-appcache=false

2.5. Activate FIORI Service

Activate FIORI service after you have activated UI5 service.

To activate FIORI Service:

- 1. Go to the transaction code SICF and navigate to /default_host/sap/bc/bsp/invcec/ race_2201_fiori.
- 2. Right-click **RACE 2201 FIORI** and click **Activate Service**.

Figure 2-23 Activate RACE FIORI Service

Service/Host Ed	it Goto Client	t Syst	em Help						
				88155551					
		193							
Define Servic	es								
				177 X. 100					
Create Host/Service	7 W W W	⇒ Exte	mal Aliases	U 🎋 🏴 System Monito	r Active				
ter Details									
Virtual Host		Servie	e Path						
ServiceName	*RACE 2201 FIG	DRI							
Description									
Lang.	English	 Ref.S 	ervice:						
Apoly	Reset		Fine-Tun	0					
	-			<u> </u>					
default_host Sap			SAP NAN	VIRTUAL DEFAULT HOST SAP NAMESPACE; SAP IS OBLIGED NOT T					
• 🕞 bc			BASIS TR	BASIS TREE (BASIS FUNCTIONS)					
• 😡 bsp			BUSINES	BUSINESS SERVER PAGES (BSP) RUNTIME					
• 🕲 i	nvcec		namespa	namespace					
▶ @ u5	g) race_2201_non ui5		SAPLITS	New Sub-Element					
			0.000	Display Service					
				Delete Service					
				Rename Service					
				Activate Service					
				Deactivate Service					
				Test Service					
				References to Service					
				Obi, Directory Entry					
			4 3	Out.					
				Copy					

- 3. Click Yes.
- 4. Go to /default_host/sap/bc/ui5_ui5/invcec/race_2201_fiori.



Figure 2-24 Activate RACE FIORI service

- 5. Right-click RACE 2201 FIORI and click Activate Service.
- 6. Click Yes.

Access the SAP Fiori web application by transaction code **/N/UI2/FLP**. You are redirected to the below template URLs to match your SAP NetWeaver Gateway instance:

- http://<hostname>:<port_number>/sap/bc/ui5_ui5/invcec/race_2201_fiori/ index.html?sap-client=100
- http://<hostname>:<port_number>/sap/bc/ui5_ui5/invcec/race_2201_fiori/ index.html?sap-client=100&sap-ui-language=EN&sap-ui-appcache=false.

2.6. Import RACE[™] SAP[®] ECC and Gateway ABAP Transports

Innovapptive recommends that you install Add-ons instead of importing Transports for error free installation. However, if you prefer to import Transports, import them in the order listed in the table.

Note:

Ask your Innovapptive contact for the latest transports and these components will be provided in a compressed file format, such as .zip, .rar, and sent to you either through email or through FTP.

Table 2-3 RACE[™] SAP[®] ECC Transports

Transport	Description	Dependency
ERDK913573	Innov RACE 2208 SP02 ECC Objects	None

Table 2-4 RACE™ Gateway Transports

Transport	Description	Dependency
NG5K903797	Innov RACE 2208 SP02 Gate- way Objects	None
NG5K903799	INNOV RACE™ 2208 SP02 UI5 Application	Import NG5K903797 before importing NG5K903799
NG5K904110	INNOV RACE™ 2208 SP02 Fiori Application	Import NG5K904077 before importing NG5K904110

2.6.1. Import Transports

Import transports in the order of dependency.

To import Transports:

- 1. Extract the zip or .rar files that you received from Innovapptive representative and save the files to your local machine.
- 2. Extract and upload/copy the files to the SAP ECC & GW System Directories.
 - a. Extract the zip files and copy all co-files (files starting with '**K90***') from software deployment package to the USR/SAP/TRANS/COFILES path on SAP ECC & GW system.
 - b. Extract the zip files and copy all the data files **R90*** provided in the software deployment package to the specified path on the SAP ECC &GW system *USR/ SAP/TRANS/DATA*.
- 3. Log in to the SAP GW or ECC System (based on the transport being imported).
- 4. Navigate to the transaction code **STMS_Import**.

- | 2 Install RACE™ SAP® ECC and Gateway Add-Ons
 - 5. Navigate to Extras, Other Requests, Add.
 - Figure 2-25 STMS_Import



6. Enter the transport number in the **Transp. Request** field and confirm by pressing the **ENTER** key (or click the green-colored icon) to attach transports to the import queue.

Figure 2-26 Add Transport Request to Queue

Import Queue	: System EH7
🔁 🚢 🐺 🔍 🔊	7 🖆 🛷 🖹 🗉 🞭 🗞 🖴 🛼 🛼 🛫 💯 🚑 🖽 🛽
具 Requests for EH	7: 0 / 82
🔄 Add Transport Requ	iest to Import Queue
Transp. Request Import Queue Import Again	ERDK901948 EH7 System EH7

7. Click **Yes** to proceed to the next step.

Select the transport request and click the Transport icon.

Figure 2-27 Import Queue

Import Queue: System EH7												
🔁 🚢 🗑 🔍 🖓 🏭 I 🛷 🖹 🖹 🔜 🎧 I 🔒 🚚 🔛 🖽 🖾 I 🗿 🗐 😫												
Reques	Requests for EH7: 0 / 1 01.08.2016 14:27:35											
Number	Request	RC	Owner	Short Text	St							
83	ERDK901948	۵	E5000103		Г <u>і</u>							

8. Enter the target client number in **Target Client** field.

9. Select Leave Transport Request in Queue for Later Import and Ignore Invalid Component Version.

```
10. Click 🗹.
```

Figure 2-28 Import Transport Options

Import Queue: System EH7												
🔁 🛎 🗟 🔍 🖓 🏕 i 松 🖹 🖹 🛼 🔥 i 🖴 🛼 🦊 i 😤 💋 🗐 🗐												
Requests for EH7: 0 / 1 Request ERDK901948 Transport Request ERDK901948 Transport Request ERDK901948 Transport Request ERDK901948 EH7 System EH7 System EH7	0:ECC objects											
Number Request RC Owner Target Client 800 Targ.Client=Sour	ce Client											
83 ERDK901948 E5000103 Date Execution Options Import Options Import Options Import Options Import Again Overwrite Originals Overwrite Objects in Unconfirmed Repairs Ignore Non-Permitted Transport Type Ignore Non-Permitted Transport Type	ort											
□ Ignore Non-Permitted Table Class □ Ignore Predecessor Relations ☑ Ignore Invalid Component Version												

- 11. Click **Yes** in the confirmation screen.
- 12. Capture the screenshots of the imported transports.

Figure 2-29 Imported Transports

V Request ERDK901948										
	Number	Request	RC	Owner	Short Text	St				
	13	ERDK901948	Δ	E5000131	Innov:mWorklist:Global Transport for ECC	Tí,				

13. Add all transports in the order specified.

Note:

If you face any issues/errors while importing the Transports, send the log files with screenshots and details of the error to your **Innovapptive SAP Basis team** contact assigned to your project.

2.6.2. Verify SAP® ECC RACE™ Transport

If you have imported SAP® ECC RACE™ Transport, verify whether it was successful.
To verify the SAP® ECC RACE™ Transport:

- | 2 Install RACE™ SAP® ECC and Gateway Add-Ons
 - 1. Run the transaction code **SE37**.
 - 2. Enter **object type** to search for all objects **/INVMGO/***.

Figure 2-30 Function Builder Initial Screen

Function Builder: Initial Screen
🖆 🥕 🐺 🔂 📅 🗔 🕪 Reassign
😚 Display 🖉 Change 🗋 Create

3. Press **<F4>** to view the list of classes and capture the screenshot(s).

Functi	ion Builder: Initial Screen		
i / E	🛱 🕂 🚺 📅 🖆 🚯 Reassign		
(dular Find (22 118r)	
Euroction I	Le Repository into System: Function Mo		
Function			- 1
	Function group	Function group short text	
ଟେ ୮	Function Module Name	Short text for function module	
	(THERE OF TENETONS FO	Post-se si se s	-
	/INVMGO/EXTENSIONS_FG	Lxtensions	
	(INTAGO/BAPI_ATTACH DOWNLOAD	List of Attachments	
	(INTAGO/BAPI_ATIACH_DOWNLOAD	Richardia dropdoum	
	(INTMCO/EXTENSION STRING FM	Dynamic diopdown Dranaring Extension String	
	/INVMGO/EM CUSTOM DROPDOWN	Custom drop down	
	/INVMGO/FM_DYNAMICGET_FM_CALL	Get the transform orders list	
	/INVMGO/FM_DYNAMICPOST_FM_CALL	Get the transform orders list	
	/INVMGO/FM DYNAMIC MODULE ADD	Get the transform orders list	
	/INVMGO/FM FIELDS PROCESS	Processing fields and store in final internal table	
	/INVMGO/FM FUNCTION FIELDS	Get the Function Module Parameters List	
	/INVMGO/FM GET FMLIST	Get the Function modules list for app specific	
	/INVMGO/FM GET TABLESLIST	Get the Function modules list for app specific	
	/INVMGO/GET PARAMETERID VALUES	Get Parameter ID vales	
	/INVMGO/SCOPING_FM	Scoping	
	/INVMGO/WHERE_CONDITIONS	Where Condition	
	(INVMGO/GLOBAL FG	Global FG	
	/INVMGO/BAPI EXTENSION	Extension Header	
	/INVMGO/BAPT UT LABELS	UI Labels based on Language	
	/INVMGO/BAPI USER DETAILS	Logon User Details	
	/INVMGO/FM CURRENCY EXCHNG	Currench Exchange Rate	
	/INVMGO/FM GET CUURENCY FORMAT	Currency Codes format	
	/INVMGO/FM GET DECIMAL FORMAT	Date Notation Format	
			Ţ
	4 k		

2.6.3. Verify SAP® GW RACE™ Transport

If you have imported SAP® GW RACE™ Transport, verify whether it was successful

To verify the SAP[®] GW RACE[™] Transport:

- 1. Navigate to the transaction code **SE24**.
- 2. Enter **object type** to search for all objects **/INVCEC/***.
- 3. Press **<F4>** to view the list of classes and capture the screenshot(s) to share the results.

Figure 2-32 Object Classes

G Repository Info System: Class/Interface Find (10 Hits)					
	-				
Object Type Name	Short Description				
/INVCEC/CL_GW_DP_TRANSPORT	Gateway Data Provider: Interoperability 700				
/INVCEC/CL_GW_MP_TRANSPORT	Gateway Model Provider: Interoperability				
/INVCEC/CL_RACE_DPC	Data Provider Base Class				
/INVCEC/CL_RACE_DPC_EXT	Data Provider Secondary Class				
/INVCEC/CL_RACE_MPC	/INVCEC/CL_RACE_MPC				
/INVCEC/CL_RACE_MPC_EXT	/INVCEC/CL_RACE_MPC_EXT				
/INVCEC/IF_BAPI_ATTACH_DOWNLOA	/INVCEC/IF_BAPI_ATTACH_DOWNLOA				
/INVCEC/IF_BAPI_ATTACHMENTS_LI	/INVCEC/IF_BAPI_ATTACHMENTS_LI				
/INVCEC/IF_FM_CUSTOM_DROPDOWN	/INVCEC/IF_FM_CUSTOM_DROPDOWN				
/INVCEC/IF_ZDYNSCREENCONF	/INVCEC/IF_ZDYNSCREENCONF				

2.6.4. Activate RACE™ OData Service

Once add-on and support packs are installed, activate RACE™ OData Service.

To activate the RACE™ OData service:

- 1. Login to Gateway system.
- 2. Navigate to the transaction /IWFND/MAINT_SERVICE.
- 3. Select the service **/INVCEC/RACE_SRV**.
- 4. Click Activate from the drop-down list of ICF Node options.

A message appears notifying the package selection appears.

5	
Activate and Maintain Services	
🕲 🖹 🗑 🐘 🛞 🖶 🔎 🐺 Fitter 🛃 Add Service 📅 Delete Service 🔯 Service Details 🕖 Load Metadata 🛄 Error Log 🛃 Request Statist	tics
Service Catalog	
	1

G (🛓 🗑 🏠 💽 🦊 🛃 🖉 Fitter	Add Service Delete Service 2 Service Details	Load Metadata	📔 🔡 Error Log 🛛 🏭 Request	Statistics	resh Cata	alog 🌂 OAuth 🔌	Soft State
Serv	lice Catalog							
Туре	Technical Service Name	V Service Description	External Servic	e Name	Namespace	OAut	Soft State Status	Is SAP Se
BEP	ZPAGE BUILDER CUST	1 Pagebuilder - Customizing level	PAGE BUILDER	R CUST	/UI2/	 Image: A start of the start of		
BEP	ZPAGE BUILDER PERS	1 Pagebuilder - Personalization level	PAGE BUILDER	R PERS	/UI2/	v		
BEP	ZPAGEBUILDER SERVICE V 0 1	 Gateway Data Provider: Pagebuilder v0.1 (DB) 	PAGEBUILDER	SERVICE V 0 1	/UI2/	v		
BEP	ZPP PRODOPS CONFIRM SRV	1 Confirm Production Order Operation	PP PRODOPS	CONFIRM SRV		v		
BEP	ZQUICKVIEW	1 Quickview Service	QUICKVIEW		/UI2/	v		
BEP	/INVCEC/RACE_SRV	1 Global Extensions	RACE_SRV		/INVCEC/	V		
BEP	ZRMTSAMPLEFLIGHT	1 OData Channel - Reference SFlight Data Provider	RMTSAMPLEFL	IGHT	/IWFND/	 Image: A start of the start of		
BEP	ZRMTSAMPLEFLIGHT 2	1 OData Channel - Reference SFlight Data Provider	RMTSAMPLEFL	IGHT 2	/IWBEP/	 Image: A start of the start of		
BEP	RSAO ODATA SRV	1 Tlogo and Bookmark access via Odata	RSAO ODATA	SRV		 Image: A start of the start of	Not Supported	
BEP	S EPM SADL GW DEV SCEN RO SRV	1 EPM: SADL-based GW-Service 'NW 2013 Dev. Sce	S EPM SADL	GW DEV SCEN RO SRV		v		
BEP	ZSAMPLE EPM EMPLOYEE LIST	 Sample employee list service based on EPM 	SAMPLE EPM	EMPLOYEE LIST	/UI2/	 Image: A start of the start of		
BEP	ZSAMPLE EPM POWL CACHED	1 Sample POWL for APPLID EPM_POWL (customizin_	SAMPLE EPM	POWL CACHED	/UI2/	V		
BEP	ZSAMPLE EPM POWL CODED	1 Sample POWL for APPLID EPM_POWL (ABAP code	SAMPLE EPM	POWL CODED	/UI2/	V		
BEP	ZSAMPLE EPM POWL CUST	1 Sample POWL for APPLID EPM_POWL (customizin	SAMPLE EPM	POWL CUST	/UI2/	V		
BEP	ZSAMPLE POWL SFLIGHT ALL	1 Sample flight service based on POWL framework	SAMPLE POW	L SFLIGHT ALL	/UI2/	v		
🖉 ICF	Node 🖌 💽 Call Browser 🕮 SAP Gateway	Client	E Ad	dd System Alias 🗟 Remove Sy	ystem Alias 🐼 Cust	omizing	Service Impler	nentation
A	ctivate		Sys	tem Aliases				

5. Click the **Local Object** button and continue to activate the service.

The OData service is activated and the status turns green.

Figure 2-34 Service Status

Act	ivate and Maintain Services									
		o Ad	d Senrice Delete Senrice 🖾 Senrice Details	l oad Me	tadata 🖳 Error Loc	Ba Request Statis	tice 🛱 Rafi	resh Cat	alog 🔕 OAuth 🐚	Soft State
Serv	ice Catalog									
Туре	Technical Service Name	^v	Service Description	Externa	Service Name	•	Namespace	OAut	Soft State Status	Is SAP Service
BEP	ZPAGEBUILDER SERVICE V 0 1	1	Gateway Data Provider: Pagebuilder v0.1 (DB)	PAGEBL	ILDER SERVICE V 0	1	/UI2/	-		
BEP	ZPP PRODOPS CONFIRM SRV	1	Confirm Production Order Operation	PP PRO	DOPS CONFIRM SRV			-		
BEP	ZOUICKVIEW	1	Quickview Service	QUICKV	EW		/UI2/	-		
BEP	/INVCEC/RACE_SRV	1	Global Extensions	RACE S	<u>RV</u>		/INVCEC/	 Image: A start of the start of		
BEP	ZRMTSAMPLEFLIGHT	1	OData Channel - Reference SFlight Data Provider	RMTSAI	PLEFLIGHT		/IWFND/	-		
BEP	ZRMTSAMPLEFLIGHT_2	1	OData Channel - Reference SFlight Data Provider	RMTSAI	PLEFLIGHT 2		/IWBEP/	-		
BEP	RSAO ODATA SRV	1	Tlogo and Bookmark access via Odata	RSAO (DATA SRV			-	Not Supported	
BEP	S EPM SADL GW DEV SCEN RO SRV	1	EPM: SADL-based GW-Service 'NW 2013 Dev. Sce.	S EPM	SADL GW DEV SCEN	I RO SRV		<		
BEP	ZSAMPLE EPM EMPLOYEE LIST	1	Sample employee list service based on EPM	SAMPLE	EPM EMPLOYEE LIS	T	/UI2/	-		
BEP	ZSAMPLE EPM POWL CACHED	1	Sample POWL for APPLID EPM_POWL (customizin	SAMPLE	EPM POWL CACHE	2	/UI2/	<		
BEP	ZSAMPLE EPM POWL CODED	1	Sample POWL for APPLID EPM_POWL (ABAP code)	SAMPLE	EPM POWL CODED		/UI2/	v		
BEP	ZSAMPLE EPM POWL CUST	1	Sample POWL for APPLID EPM_POWL (customizin	SAMPLE	EPM POWL CUST		/UI2/	<		
BEP	ZSAMPLE POWL SFLIGHT ALL	1	Sample flight service based on POWL framework	SAMPLE	POWL SFLIGHT AL		/UI2/	-		
BEP	SEPM HANA EXT PAL ODATA SRV	1	SEPM_HANA_EXT_PAL_ODATA	SEPM H	ANA EXT PAL ODAT	TA SRV		-	Not Supported	
BEP	ZSM_CATALOG_SRV	1	Social Media Remote Catalog OData Service	SM CAT	ALOG_SRV			-		
/ ICF	🖉 ICF Node 🔒 🔯 Call Browser 🕮 SAP Gateway Clent					Remove System	Alias 🔗 Cust	tomizing	& Service Implen	nentation
ICF	ICF Nodes					es				
Statu	s ICF Node Session Time-out Soft	State	Description		SAP System Alias	Description			Default	Metadata
000	ODATA 00:00:00		Standard Mode							

6. Click **Add System Alias** above **System Aliases** on the right to add the SAP System alias for the selected service.

- | 2 Install RACE[™] SAP[®] ECC and Gateway Add-Ons
 - 7. Click New Entries.

Figure 2-35 New Entries for System Alias

Cr Table View Edit Goto Selection Utili	ties S <u>v</u> stem	Help			
Ø 🔹 🔹 🖉	😫 I 🗅 M K	81 10 10	2 🐹 🗾 😢 🖪		
Change View "Assign SAP System	m Aliases t	o OData Si	ervice": Overview		
🎾 New Entries 🐚 🖬 🕼 🖪					
Assign SAP SNew Entries (F5) Jata Service					
Service Doc. Identifier	User Role	Host Name	SAP System Alias	Default System	Metadata Default

8. Assign the System Alias (ERD in this case) for the service and save changes.

Figure 2-36 Assign SAP System Alias to Service

Table View Edit Goto Se	election <u>U</u> tilities S <u>v</u> stem	Help					
× •	ối tři 🖨 l 🤧 💫 🥵 📙	12222	Ø 🖳				
Change View "Assign S	SAP System Aliases to	o OData Service": O	verview				
🧐 New Entries 🗈 🗟 🗐 🖡	R R						
Assign SAP System Aliases to ODat	a Service						
Service Doc. Identifier	User Role Host	Name SAP System Alias	Default System	Metadata Default	Tech. Svc. Name	Ext. Service Name	
/INVCEC/RACE_SRV_0001		ERD	1	✓	/INVCEC/RACE_SRV	RACE_SRV	*
							•

2.6.5. Activate UI5 Service

Activate UI5 Service once you have activated RACE™ OData Service.

To activate UI5 Service:

- 1. Go to the transaction code SICF and navigate to /default_host/sap/bc/bsp/invcec/ race_2201_ui5.
- 2. Right-click RACE 2201 UI5 and click Activate Service.

Figure 2-37 Activate RACE BSP Service



- 3. Click Yes.
- 4. Go to /default_host/sap/bc/ui5_ui5/ invcec/race_2201_ui5.

🔄 Service/Host Edit Goto	<u>Client</u> System	m <u>H</u> elp			
	« 🖂) 🗩 🙆	A M M I ST F	1.0.01 1.0 -		
Define Services					
A					
Create Host/Service 🍞 🔟 🕯	🖅 💷 🖙 Extern	al Allases 🕕 🎊 🏴 Sy	stem Monitor Active		
Filter Details					
Virtual Host	Service	Path			
ServiceName *RACE_22	201_UI5		New Sub-Element	1	
Description			Display Service		
Lang. English	 Ref.Ser 	vice:	Delete Service		
P Apply F	Reset 📘 📘	Fine-Tune	Bename Service		
			Activate Service		
😑 🔒			Deactivate Service		
Virtuelle Hosts / Services		Documentation	Test Service	vice	
default_host		VIRTUAL DEFAULT HOS SAP NAMESPACE; SAP I BASIS TREE (BASIS FUN PURPARSE CONSTRUCTION OF CONSTRUCTURE OF CONSTR	-		
• 🞯 sap			Obj. Directory Entry		
• Of bc			-		
▼ ⁽⁰⁾ u5 u5		SAPUIS Application Hane	Copy		
 Invcec 		Namespace	Paste		
• 🕲 race_22	01_ui5	RACE 2201 UIS Applicate	10		
		< >			

Figure 2-38 Activate RACE UI5 service

- 5. Right-click RACE 2201 UI5 and click Activate Service.
- 6. Click Yes.

Access the SAPUI5 web application by replacing the **host name**, **port number** and **client number** in the following template's URLs to match your SAP NetWeaver Gateway instance:

- http://<hostname>:<port_number>/sap/bc/ui5_ui5/invcec/race_2201_ui5/ index.html?sap-client=100
- http://<hostname>:<port_number>/sap/bc/ui5_ui5/invcec/race_2201_ui5/ index.html?sap-client=100&sap-ui-language=EN&sap-ui-appcache=false

2.6.6. Activate FIORI Service

Activate FIORI service after you have activated UI5 service.

To activate FIORI Service:

- 1. Go to the transaction code SICF and navigate to /default_host/sap/bc/bsp/invcec/ race_2201_fiori.
- 2. Right-click **RACE 2201 FIORI** and click **Activate Service**.

Figure 2-39 Activate RACE FIORI Service

Service/Host E	dit Goto Clent	System	n Help			
genneet nose a	at goto grant	- Contraction	Teb			
/	• « 🔚			11 16 1 41 41 41 41 1 51		
Define Cond						
Denne Servio						
Create Host/Service	• 🦻 î 🖗 🖬 🖻	Externa	I Alases	📋 🏂 🏴 System Monitor A	ctive 📜	
tor Datais						
Vietual Hart		Convice I	Dath (
Virtual Host	APACE 2201 FTOP	Jervice i	Paul			
Servicentame	"RACE_2201_210R	4				
Description	Easter -	10.60				
Lang.	English	Ker.Serv	Ace:			
P Apply	Reset		Fine-Tune			
 ♥ Sap ♥ Ø bc 			SAP NAME BASIS TR	ESPACE; SAP IS OBLIGED NOT EE (BASIS FUNCTIONS)	T	
• (c) sap			SAP NAMESPACE; SAP IS OBLIGED NOT T			
🔹 💿 bsp			BUSINESS	SERVER PAGES (BSP) RUNTIM	E	
• 😡	invcec		namespac	e		
	C race_2201_fiori		RACE 220	1 Fiori Annicationi		
• 😰 ub	_uo		SAPUIS	New Sub-Element		
				Delate Service		
				Rename Service		
				Arthone Genero		
				Dearthote Service		
				Descuvate service		
			Test Service			
				Kererences to Service		
			-	Obj. Directory Entry		
			4 1	Cut		
			_	Copy		
				Paste	SM2	

- 3. Click Yes.
- 4. Go to /default_host/sap/bc/ui5_ui5/invcec/race_2201_fiori.

C Service/Host Ed	dit <u>G</u> oto <u>C</u> lient	System <u>H</u> elp		
Ø [• « 📄	😔 😒 😥 🕟	00122221	7 🗖 🛛 🖳
Define Servic				
Cruste Hest/Cruster		N Colored Alberta	IT IK IN one was	- 1
Create Host/Service	7 U 2 U 4	External Alases	U 75 Postern Monitor	r Active
Filter Details				
Virtual Host		Service Path		
ServiceName	*RACE_2201_FIOR	I	New Sub-Element	
Description			Display Service	
Lang.	English 💌	Ref.Service:	Delete Service	
P Apply	Reset	🔋 Fine-Tu	Rename Service	
			Activate Service	
			Deactivate Service	
Virtuelle Hosts / Servi	ces	Docur	Test Service	Referenz Service
U default_host		VIRTU	References to Service	
• 😒 sap		SAP N	Obj. Directory Entry	···
• ⊕ bc		RUSIN	Cut	
• 😡 u5_	uδ	SAPUL	Copy	
- 🕲 i	invcec	Names	Paste	
• [C race_2201_fiori	RACE 1.		
		< > _		

Figure 2-40 Activate RACE FIORI service

- 5. Right-click RACE 2201 FIORI and click Activate Service.
- 6. Click Yes.

Access the SAP Fiori web application by transaction code **/N/UI2/FLP**. You are redirected to the below template URLs to match your SAP NetWeaver Gateway instance:

- http://<hostname>:<port_number>/sap/bc/ui5_ui5/invcec/race_2201_fiori/ index.html?sap-client=100
- http://<hostname>:<port_number>/sap/bc/ui5_ui5/invcec/race_2201_fiori/ index.html?sap-client=100&sap-ui-language=EN&sap-ui-appcache=false.

3. Install mInventory SAP® ECC and Gateway Add-Ons

Add-On: All the transports of previous releases and the transports of the current release are packaged into a single add-on for the main release. For example, 2003, 2006 and so on. Install the add-on for the current release that is provided by Innovapptive representative.

Transport: Only the changes for that HotFix are packaged into a transport. You MUST install all the transports till date and must install them in the order they are mentioned. Even a single misplaced installation of transport could result in installation errors.

Note:

Ask your Innovapptive contact for the latest add-ons and support-packs and these components will be provided in a compressed file format, such as .zip, .rar, and sent to you either through email or through FTP.

Туре	Add-On	Description	Dependency
Add-On	EZY0021310268 0000099.PAT	INNOV:MIM:2410 ECC Objects	Install RACE [™] Add- On (EZY0021310268 0000004.PAT) before in- stalling the MIM Add- On (EZY0021310268 0000099.PAT)
Add-On	EZY0021310268 00000115.PAT	INNOV:MIM:2411.1 ECC Objects	Install Add-on (EZY0021310268 0000099.PAT) before in- stalling the MIM Add- On (EZY0021310268 0000115.PAT)
SP01	EZY0021310268 00000123.PAT	MIM 2412.1 ECC Add-on	Dependency
SP02	EZY0021310268 00000125.PAT	MIM 2412.2 ECC Add-on	Dependency

Table 3-1 MIM ECC Add-On and Support Packages:

Туре	Add-On	Description	Dependency
SP03	EZY0021310268 00000130.PAT	MIM 2501.1 ECC Add-on	Dependency
SP04	EZY0021310268 00000133.PAT	Innov MIM 2501.2 ECC Objects	Dependency
SP05	EZY0021310268 00000138.PAT	Innov MIM 2501.3 ECC Objects	Dependency
SP06	EZY0021310268 00000142.PAT	MIM 2502.01 ECC Add-on	Dependency
SP07	EZY0021310268 00000143.PAT	MIM 2502.02 ECC Add-on	Dependency
SP08	EZY0021310268 00000147.PAT	MIM 2503.1 ECC Add-on	Dependency
SP09	EZY0021310268 00000149.PAT	MIM 2503.2 ECC Add-on	Dependency
SP10	EZY0021310268 00000155.PAT	MIM 2504.2 ECC Add-on	Dependency

Table 3-1 MIM ECC Add-On and Su	pport Packages: (continued)
---------------------------------	-----------------------------

Table 3-2 MIM Gateway Add-On and Support Packages

Туре	Add-On	Description	Dependency
Add-on	NZY0021310268 0000174.PAT	INNOV:MIM:2410 Gateway Objects	Install RACE [™] Add- On (NZY0021310268 0000006.PAT) before in- stalling the MIM Add- On (NZY0021310268 0000174.PAT)

Туре	Add-On	Description	Dependency
Add-on	NZY0021310268 0000181.PAT	MIM 2411 GW Addon	Install Add-On (NZY0021310268 0000174.PAT) before in- stalling the MIM Add- On (NZY0021310268 0000181.PAT)
SP01	NZY0021310268 0000188.PAT	MIM 2412.1 ECC Add-on	Dependency
SP02	NZY0021310268 0000190.PAT	MIM 2412.2 ECC Add-on	Dependency
SP03	NZY0021310268 0000193.PAT	MIM 2501.1 ECC Add-on	Dependency
SP04	NZY0021310268 0000198.PAT	Innov MIM 2501.2 ECC Objects	Dependency
SP05	NZY0021310268 0000203.PAT	Innov MIM 2501.3 ECC Objects	Dependency
SP06	NZY0021310268 0000205.PAT	MIM 2502.01 ECC Add-on	Dependency
SP07	NZY0021310268 0000206.PAT	EZY0021310268 00000143.PAT	Dependency
SP08	NZY0021310268 0000209.PAT	MIM 2503.1 GW Ad- don	Dependency
SP09	NZY0021310268 0000214.PAT	MIM 2503.2 GW Ad- don	Dependency
SP10	NZY0021310268 0000220.PAT	MIM 2504.1 GW Ad- don	Dependency

Table 3-2 MIM Gateway Add-On and Support Packages (continued)

For steps to install Add-ons, see Install mInventory SAP® ECC and Gateway Add-ons and support packs (*on page 49*).

3.1. Install mInventory SAP® ECC and Gateway Add-ons and support packs

Install the add-ons and support packs at one go using the steps given below. However, if you have already installed add-ons and you want to install the support packs (hotfixes), follow the procedure detailed in Install mInventory SAP® ECC and Gateway Support packs (on page 55).

To install mInventory™ SAP® ECC, Gateway, and UI5 add-ons:

- 1. Extract the zip or .rar files that you received from Innovapptive representative and save them to your local machine.
- 2. Upload/copy the Add-On files and Support Packs from software deployment package to the **USR/SAP/TRANS/EPS/in** path on SAP ECC & GW systems.



- 3. Log in to **000** clients of SAP GW / ECC System (based on the Add-On being imported).
- 4. Navigate to the transaction code **SAINT**.
- 5. Navigate to Installation Package, Load Packages, From Application Server.



6. Click Yes in the confirmation screen.

Packages are loaded in the file system

Figure 3-2 SAINT: Upload Packages



7. Once the packages are loaded, go back to the main screen, and click Start.

Add-On II	nstallatio	n Tool	- Version 7.40/0061	
🥶 🖉 😰 🖡	8			
	Add-0)n Insta	llation Tool : Installed Add-ons	
Add one and I	Drocopfict red	Custome k	estalled in the sustem	
Add-orb and 1	Preconiigureu	systems i	Description	terrat FT
Add-on/PCS	Kelease	Level	Desia Plue In	Import
PI_BASIS	740	0008	Basis Hug-In	
SAP_ABA	740	0008	Cross-Application Component	0.
SAP_BASIS	740	0008	SAP Basis Component	0.
SAP_BW	740	0008	SAP Business Warehouse	0.
SAP_GWEND	740	0012	SAP Gateway Foundation 7.40	0.
SAP_UI	740	0009	User Interface Technology 7.40	UL CL
ST-PI	740	0000	SAP Solution Tools Plug-In	UL.
				A
				· · · · · ·
				• •
Status/Remark	s			
n The over	view shows voi	u the inst	alled Add-ons and Preconfigured systems	
Choose [S]	TART1 to start	an installa	tion or an ungrade	
- choose (o	i Airi j to start	arrinscale	aton or an opgrade	
A Del	6		۳ ۲	Se const
Back Back		start	L.	× Cancel

Figure 3-3 Installed Add-ons

8. Select the Add-On in the next screen and click **Continue**.

Add-On Inst	allation To	ool - Version 7.40/0	061	
🗟 📓 📔 📘				
	Add-on 3	Installation Tool: Add-on	n selection	
88 🖗 🋸	Stack Config	uration 🗔 Stack X	ML File	
Installable Add-on	packages for y	our system		
Add-On	Release	Description		Package type
INVCEC	NGW_605	INVCEC NGW_605: Add-On I	Installation	Installation
_				
_				
_				
-				[*]
		< >		()
(
Status/Remarks				
 Select one or 	several packag	es from the installable Add-on	packages	
- Choose [CONT	INUE] to start t	he calculation of the installatio	n queue	
- Choose [BACK]) to go back to	the overview of the installed A	Add-ons	
- Choose [LOAD] to load additio	nal packages from the applicat	tion server	
🖾 Back	🖾 Continu	e 🥵 Load	Screen 1 / 6	X Cancel

Figure 3-4 Select Add-on

9. Click **Continue** in the next screen.

The OCS packages to be imported are displayed in the next screen.

10. Click **Continue** to proceed to the next step.

Add-On Installa	tion Tool - Versid	on 7.40/0061		
🤶 📓 📔				
Inst	allation of several	Add-ons : Calcula	ted queue	
Installation queue	Software Components			
OCS nackages for imr	nort			
OCS Package	Package type	Software Compo	Release	Short descrip
SAPK-N65COININVCEC	Installation	INVCEC	NGW_605	INVCEC NGW
	H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H			• •
Status/Remarks				
(1) The displayed pack	ages must be imported wi	hen installing the Add-	on	
- You have not select	ed any further Support Pa	ackages		
- Choose [CONTINUE]) to add Modification Adjus	stment Transports to f	the queue	
- Choose [BACK] to g	o back to the Support Pa	kage selection		
0				A.A
면 Back 년	Continue 🔄 🖾	Logs Sci	reen 3 / 6	× Cancel

Figure 3-5 Add-on Queue

11. Click No, when asked to add Modification Adjustment Transports to the queue.

- 12. Click the Import 🗹 icon.
- 13. Click Finish.

3.1.1. Verify SAP® ECC MIM Add-On

To verify the ECC MIM add-on:

- 1. Run the transaction code **SE37**.
- 2. Enter the program name as **/INVMIM/*** in the **Function Module** field.

Figure 3-6 Function Builder Initial Screen

1 🖸 🛛 🗖				Lancoon Hodalo
	6122221	🚯 🚭 🛛 🚭 🕅	🔹 📄 💌	Ø
		en	lder: Initial Scree	Function Bui
			🗇 🗊 🚺 😥 Reassign.	i 🥕 🐺 🖷 🔂
			/INVMIM/*	Function Module
		Create	Change	ର <mark>ିଟଂ Display</mark>
		Create	Change [ର <mark>ିଙ Display</mark>

3. Press **<F4>** to view the list of functional modules and capture the screenshot(s) to share the results.

Er Eunction Module Edit Goto Utilities(M) Environm	ent System Help			
Function Builder: Initial Screen				
🖆 🧪 🐺 🔂 📅 🗈 🙌 Reassign				
Function Module	ystem: Function Modules Find (154 Hits)		×	
			^	
Function group	Function group ob	and four		
Change Function Module	Name Short text for fu	action module		
	Hand Diffe bene for ra		#	
/INVMIM/COUNT_#	DJUST_FG Counting and Adju	stments		
/INVMIM/BAPI_HU	PHYINV_COUNT HU Physical Inven	tory Counting		
/INVMIM/BAPI_HU	PHYINV_GETLIST Get the HU Physic	al Inventory doc list		
/INVMIM/BAPI_HU	PHYINV_ITEMS Get the list of H	J Items		
/INVMIM/MATPHY1	NV_COUNT Enter Count for C	ertain Items of a Physical Inventory Documen	it l	
/INVMIM/MATPHY1	NV_GETLIST Read list of phys	. inv. documents		
/INVMIM/MATPHY1	NV_ITEMS Item list of inv.	document		
/INVMIM/MATPHY1	NV_POSTDIFF Post differences	for certain items in a phys. inv. document		
/TNVMTM/CTISTOM	ATION EG Function Group fo	customization		
/INVMIN/CUSTOM	SEARCH SCREEN Dynamic Search Sc	ren		
/INVMIM/INVENTO	RY SECURITY mInventory securi	EV .		
		-		
/INVMIM/FG_DYNN	ICEXTENSION mInventory Dynami	c Extensions		
/INVMIM/FM_DYNA	MIC_MODULE_ADD Get the transform	orders list		
/INVMIM/GI_FG	Goods Issue Funct	ion Group		
/INVMIM/ATTACHN	ENT_GI_OD_ITEM Create attachment	for Goos Issue Outbound deliver items		
/INVMIM/ATTACHN	ENT_MAT_DOC_CRE Create Attachment	for Material document		
/INVMIM/ATTACHN	ENT_SER_ENT_CRE Create Attachment	for Material document		
/INVMIM/FM_FORM	_TO_PDF1_GI Convert form to P	DF		
/INVMIM/GET_GI_	MATDOC_HDRS_FM Get list of Mater	ial document waiting for GI		
/INVMIM/GET_GI_	MATDOC_ITEMS_FM Material document	items for GI		
/INVMIM/GET_GI_	DDITEMS_FM Get Item data for	outbound deliveries	-	
(+)			4 >	

Figure 3-7 Function Modules

3.1.2. Verify SAP® GW MIM Add-On

To verify the GW MIM add-On:

- 1. Navigate to the transaction code **SE24**.
- 2. Enter **object type** to search for all objects **/INVMIM/***.

Figure 3-8 Function Builder Initial Screen

E Eunction Module	<u>E</u> dit <u>G</u> oto <u>U</u> tilities En <u>v</u> ironment S <u>v</u> stem <u>H</u> elp	
Ø	💌 😌 🚭 😪 😒 🚔 🛗 🐇 📫 🗘 💭 🧮 蒙 🔛	
Function Bui	ler: Initial Screen	
i 🥕 🥕 🖬	📅 🛅 🕪 Reassign	
Function Module		
ଟ୍ <mark>ଟ Display</mark>	Change Create	

3. Press **<F4>** to view the list of classes and capture the screenshot(s) to share the results.

lass	builder: Initial Screen		
i 🥕 🗉	🛱 📫 🗓 📅 🗀 🙌 🏾 Class Brow	ser	
			-
	Le Repository Info System: Class/Interf	ace Find (200 Hits)	2
ject typ	-		- 1
	Object Type Name	Short Description	
Di			-
0.	/INVMIM/CL MINVENTORY DPC	Data Provider Base Class	
	/INVMIM/CL MINVENTORY DPC EXT	Data Provider Secondary Class	
	/INVMIM/CL MINVENTORY MPC	/INVMIM/CL MINVENTORY MPC	
	/INVMIM/CL MINVENTORY MPC EXT	/INVMIM/CL MINVENTORY MPC EXT	
	/INVMIM/CL_MINVENTORY_DPC	Data Provider Base Class	
	/INVMIM/CL_MINVENTORY_DPC_EXT	Data Provider Secondary Class	
	/INVMIM/CL_MINVENTORY_MPC	/INVMIM/CL_MINVENTORY_MPC	
	/INVMIM/CL_MINVENTORY_MPC_EXT	/INVMIM/CL_MINVENTORY_MPC_EXT	
	/INVMIM/CL_MINVENTORY1_DPC	Data Provider Base Class	
	/INVMIM/CL_MINVENTORY1_DPC_EXT	Data Provider Secondary Class	
	/INVMIM/CL_MINVENTORY1_MPC	/INVMIM/CL_MINVENTORY1_MPC	
	/INVMIM/CL_MINVENTORY1_MPC_EXT	/INVMIM/CL_MINVENTORY1_MPC_EXT	
	/INVMIM/CL_MINVENTORY2_DPC	Data Provider Base Class	
	/INVMIM/CL_MINVENTORY2_DPC_EXT	Data Provider Secondary Class	
	/INVMIM/CL_MINVENTORY2_MPC	/INVMIM/CL_MINVENTORY2_MPC	
	/INVMIM/CL_MINVENTORY2_MPC_EXT	/INVMIM/CL_MINVENTORY2_MPC_EXT	
	/INVMIM/IF_BAPI_HUPHYINV_GETLI	/INVMIM/IF_BAPI_HUPHYINV_GETLI	
	/INVMIM/IF_BAPI_HUPHYINV_ITEMS	/INVMIM/IF_BAPI_HUPHYINV_ITEMS	
	/INVMIM/IF_BAPI_INV_AUDIT_B01	/INVMIM/IF_BAPI_INV_AUDIT_B01	
	/INVMIM/IF_BAPI_INV_AUDIT_BOM	/INVMIM/IF_BAPI_INV_AUDIT_BOM	
	/INVMIM/IF_BAPI_INV_AUDIT_IT1	/INVMIM/IF_BAPI_INV_AUDIT_IT1	
	/INVMIM/IF_BAPI_INV_AUDIT_ITEM	/INVMIM/IF_BAPI_INV_AUDIT_ITEM	
	/INVMIM/IF_BAPI_INV_AUDIT_LI1	/INVMIM/IF_BAPI_INV_AUDIT_LI1	
	/INVMIM/IF_BAPI_INV_AUDIT_LIST	/INVMIM/IF_BAPI_INV_AUDIT_LIST	
	/INVMIM/IF_BATCH_CREATE_FM	/INVMIM/IF_BATCH_CREATE_FM	
	E.		
	4 1		×

Figure 3-9 Object Classes

3.2. Install mInventory SAP® ECC and Gateway Support packs

If you have installed the add-ons and are installing only the support pack (hotfixes), follow the steps described below.

To install the mInventory[™] SAP[®] ECC, Gateway, and UI5 support pack:

- 1. Log in to **000** client of SAP GW & ECC System (based on the support pack being imported).
- 2. Navigate to the transaction code SPAM.
- 3. Navigate to Support Package, Load Packages, From Application Server.

Figure	3-10	SAINT
--------	------	-------

C	Support Package	iit <u>G</u> oto E	extras <u>U</u> tilities	Environment	System	Help
	Load packages	•	Erom Front 8	End	30	🐺 🗾 🕜 🖪
	Import SPAM/SAIN	ĭ <u>U</u> pdate	From Applica	ation Server		
	Import gueue	Shift+F7	- Version 2	7.40/0061	_	
	Confirm	Shift+F6				
	Exit	Shift+F3				
			_			

4. Click **Yes** in the confirmation screen.

Packages are loaded in the file system

Figure 3-11 SAINT: Upload Packages



5. Once the packages are loaded, go back to the main screen, and click **Display/define**.

Figure 3-12 Suppo	rt Package Manag	ger	
🔄 Support Package	Edit Goto Extras	Utilities Environment System	Help
0	- 4 🗉 🗞 🥝	8 ⊇ H H 2 10 £ 1) 🐺 🗖 🖗 🖪
Support Packa	nge Manager - Vei	rsion 7.40/0054	
🔒 🕄 🗟 🖉 🂅	E		
Queue		Display/define	

6. Choose the software component for which you want to import Support Packages and

click 🗹.

Figure 3-13 Component Selection

e	Component Se	lection			×							
Cho	Choose the software component for which you want to import Support Packages											
8] 🗔 Stack	XML file										
	CompID	Release	Short Description of Component	Support Package type								
	ECC-DIMP	600	DIMP	Add-on Support Pkg.								
	ERECRUIT	600	E-Recruiting	Add-on Support Pkg.	Ŧ							
	FI-CA	600	FI-CA	Add-on Support Pkg.								
	FI-CAX	600	FI-CA Extended	Add-on Support Pkg.								
	INSURANCE	600	SAP Insurance	Add-on Support Pkg.								
	IS-CWM	600	Industry Solution Catch Weight Mana	Add-on Support Pkg.								
	IS-H	600	SAP Healthcare	Add-on Support Pkg.								
	IS-M	600	SAP MEDIA	Add-on Support Pkg.								
	IS-OIL	600	IS-OIL	Add-on Support Pkg.								
	IS-PS-CA	600	IS-PUBLIC SECTOR CONTRACT ACCO	Add-on Support Pkg.								
	IS-UT	600	SAP Utilities/Telecommunication	Add-on Support Pkg.								
	LSOFE	600	SAP Learning Solution Front-End	Add-on Support Pkg.								
	SEM-BW	600	SEM-BW: Strategic Enterprise Manag	Add-on Support Pkg.								
	INVMGO	ECC_603	Innovapptive ECC RACE 6.0.3 Addon	Add-on Support Pkg.								
					Ŧ							
				🖻 All Components 🖉 👔	×							

7. If all the conditions are met, and you get the package (**green**) click 🧭.

Figure 3-14 Confirm Queue

	🔄 Define Queue for the A	로 Define Queue for the Add-On INVMGO rel. ECC_603											
	Choose the highest Support Package you want or confirm the queue												
l													
l	Package ID	CompID	Release	Short Description									
l	SAPK-E6302ININVMG0	INVMGO	ECC_603	INVNGO ECC_603: SP 2									
ŀ	< >		2										
				✓⁴₽₽₽×									

- 8. Click **No**, when asked to add Modification Adjustment Transports to the queue.
- 9. Go to **Support package** in the menu bar and click **Import Queue**.

C	Support Package	Edit <u>G</u> oto I	Extras	Utilities	Engironment	System	Help	
(Load packages	•	C 🙆	🔞 I 📮	HH 13	10.0.10	Ж 🛃	🔞 🖪
	Import SPAM/SA	INT Update						
	Import gueue	Shift+F7	- Vei	rsion 7	.40/0054			
ſ	Confirm	Shift+F6						
	Exit	Shift+F3						
Q	ueue SA	PK-£630			Display/define			
	Oliver Connect Deckor			Status	is defined for t	h a		
	 New Support Packag Aborted Support Packag 	jes skonos		Queue is defined for the				
	Aborted Support Packages			SDAM (ite componenci status:			
(All Support Package:	5		Next a	ction:	Import que	eue	
	ିଙ୍କ Display			Sc ^o	Package level]		

Figure 3-15 Import Queue

10. Click \checkmark to start the import process.

Figure 3-16 Import Queue Confirm



11. Once the package is imported, a confirmation screen appears. Click 🗹 on the screen.

12. Go to **Support Package** in the menu bar and click **Confirm**.

A confirmation message appears.

Note:

If you face any issues/errors while installing the Add-On/Support pack, send log files with screenshots and details of the error to your **Innovapptive SAP Basis team** contact assigned to your project.

C	Support Package Edit Goto	Ð	(tr <u>a</u> s	Utilities	Engironment	System	Help
(Load packages	۲	C (🔞 🗎	日間日の	19 A 19	🛒 🗾 🍘 🖪
_	Import SPAM/SAINT Update						
	Import gueue Shift+F7		- Vei	rsion 7	.40/0054	1	
6	Confirm Shift+F6						
	Exit Shift+F3						
				-			
Q	Jeue SAPK-E630			S.	Display/define	-	
	irectory			Status			
(New Support Packages			Queue	imported for	the	
(Aborted Support Packages			Softwa	re Componen	t: INVMGO	
(Imported Support Packages			SPAM s	tatus:	040	
(All Support Packages			Next a	tion:	Confirm qu	eue
	ବଟ Display			Se I	Package level		
L							

Figure 3-17 Confirm Support Package

3.3. Activate mInventory OData Service

Once add-on and support packs / transports are installed, activate mInventory OData service.

To activate OData services for mInventory:

- 1. Run transaction **/IWFND/MAINT_SERVICE**.
- 2. Select the service: /INVMIM/ MINVENTORY_2_SRV.
- 3. Click **Activate** from the drop-down list of **ICF Node** options.

A message appears notifying the package selection.

Figure 3-18	Activate	and M	laintain	Services
-------------	----------	-------	----------	----------

Act	tivate and Main	tain Services									
		Filter	Add Ser	rvice Delete Service	Service Details	Coad M	etadata	Error Log	Request Stat	istics	resh Cata
Con	vien Catalon		E								
Serv	vice Catalog										
Туре	Technical Service Nam	ie	V. Serv	vice Description		Externa	al Service	Name		Namespace	OAut_
BEP	ZMDG SUPPLIER GEN	IL SRV	1 Sup	plier Approval: MDG		MDG S	UPPLIER	GENIL SRV			
BEP	ZMDG SUPPLIER SRV		1 MD0	G: Request Supplier oDat	a Service	MDG S	UPPLIER	SRV			
BEP	/INVMIM/MINVENTOR	Y 2 SRV	1 Mob	ile Inventory Manageme	nt	MINVEN	NTORY 2	SRV		/INVMIM/	v
BEP	/INVMIM/MINVENTOR	Y SRV	1 Mob	ile Inventory Managmen		MINVEN	NTORY S	RV		/INVMIM/	v
BEP	/INVMES/MOBILE EMP	PLOYEE SRV	1 OD/	ATA services for mEmploy	ree	MOBILE	EMPLOY	(EE_SRV		/INVMES/	v
BEP	/INVMRE/MOBILE REL	EASE SRV	1 Mob	ile Release OData Service	s	MOBILE	MOBILE RELEASE SRV		/INVMRE/	v	
BEP	/INVMTE/MOBILE TR/	AVEL EXPENSE SRV	1 Mob	iel Travel Expense OData	services	MOBILE	MOBILE TRAVEL EXPENSE SRV		/INVMTE/	v	
BEP	/INVMRE/MRELEASE	<u>SRV</u>	1 mRe	elease OData Services		MRELEA	MRELEASE SRV		/INVMRE/	v	
BEP	/INVMSX/MSALESX 2	SRV	1 Mob	1 Mobile Sales Execution		MSALES	MSALESX 2 SRV			/INVMSX/	v
BEP	/INVMSX/MSALESX CF	RM 2 SRV 02	1 Mobiles Sales Execution Services for CRM		MSALESX CRM 2 SRV 02			/INVMSX/	v		
BEP	/INVMSX/MSALESX CF	RM SRV	1 Mob	1 Mobiles Sales Execution Services for CRM		MSALESX CRM SRV			/INVMSX/	v	
BEP	/INVMSX/MSALESX SE	RV	1 Mob	ile Sales Execution		MSALES	MSALESX SRV			/INVMSX/	V
BEP	/INVMSC/MSHOP_SRV		1 /INV	/MSC/CL_MSHOP_DPC_E	XT	MSHOP	SRV			/INVMSC/	
BEP	/INVMWL/MWORKLIST	T 2 SRV	1 Mob	ile Worklist OData service	95	MWOR	KLIST 2	SRV		/INVMWL/	v
BEP	/INVMWO/MWORKOR	DER SRV	1 mW	orkOrder OData Services		MWOR	KORDER S	<u>SRV</u>		/INVMWO/	-
ICF	F Node 🖌 🐼 Call Brov	vser 🖳 SAP Gateway	Client				Add	System Alias	Remove System	n Alias 🔗 Cust	tomizing
A	ctivate						Syste	em Aliase	s		
D	eactivate	Session Time-out Soft	State D	escription			SAP SV	stem Alias D	escription		
D	elete	00:00:00	S	itandard Mode							
Q	onfigure (SICF)										

4. Click the **Local Object** button and continue to activate the service.

The OData service is activated and the status turns green.

Figure 3-19 oData	Service Activated
-------------------	-------------------

			h			
		EQ Add Service III' Delete Service 2 Service Details 2	Load Me	tadata 🔤 Error Log 🎆 Request S	tatistics Ref	resn Ca
Servio	e Catalog					
Туре Те	echnical Service Name	V Service Description	External	Service Name	Namespace	OAut
BEP ZN	MDG SUPPLIER GENIL SRV	1 Supplier Approval: MDG	MDG SL	JPPLIER GENIL SRV		
BEP ZN	MDG SUPPLIER SRV	1 MDG: Request Supplier oData Service	MDG SL	JPPLIER SRV		
BEP /I	INVMIM/MINVENTORY 2 SRV	1 Mobile Inventory Management	MINVEN	TORY 2 SRV	/INVMIM/	v
BEP /I	INVMIM/MINVENTORY SRV	1 Mobile Inventory Managment	MINVEN	TORY SRV	/INVMIM/	√
BEP /I	INVMES/MOBILE EMPLOYEE SRV	1 ODATA services for mEmployee	MOBILE	EMPLOYEE SRV	/INVMES/	-
BEP /I	INVMRE/MOBILE RELEASE SRV	1 Mobile Release OData Services	MOBILE	BILE RELEASE SRV		 Image: A start of the start of
BEP /I	INVMTE/MOBILE TRAVEL EXPENSE SRV	1 Mobiel Travel Expense OData services	MOBILE	TRAVEL EXPENSE SRV	/INVMTE/	-
BEP /I	INVMRE/MRELEASE SRV	1 mRelease OData Services	MRELEA	MRELEASE SRV		√
BEP /I	INVMSX/MSALESX 2 SRV	1 Mobile Sales Execution	MSALES	X 2 SRV	/INVMSX/	✓
BEP /I	INVMSX/MSALESX CRM 2 SRV 02	1 Mobiles Sales Execution Services for CRM	MSALES	X CRM 2 SRV 02	/INVMSX/	√
BEP /I	INVMSX/MSALESX CRM SRV	1 Mobiles Sales Execution Services for CRM	MSALES	X CRM SRV	/INVMSX/	√
BEP /I	INVMSX/MSALESX_SRV	1 Mobile Sales Execution	MSALES	X_SRV	/INVMSX/	✓
BEP /I	INVMSC/MSHOP_SRV	1 /INVMSC/CL_MSHOP_DPC_EXT	MSHOP	SRV	/INVMSC/	
BEP /I	INVMWL/MWORKLIST 2 SRV	1 Mobile Worklist OData services	MWORK	LIST 2 SRV	/INVMWL/	-
BEP <u>/I</u>	INVMWO/MWORKORDER_SRV	1 mWorkOrder OData Services	MWORK	ORDER SRV	/INVMWO/	-
A TOP NU	ada	Client		B Add System Alize B Romovo Syst	om Alias Recust	to minin a
S ICF NU	ode 1 Call blowser Gateway	clienc		EG Add System Alas EG Kemove Syst	erri Alias [po-cust	onneing
ICF No	odes			System Aliases		
Status ?	ICF Node Session Time-out Soft	State Description		SAP System Alias Description		
000	ODATA 00:00:00	Standard Mode				

- 5. Click **Add System Alias** above **System Aliases** on the right to add the SAP System alias for the selected service.
- 6. Click New Entries.
- 7. Assign the System Alias for the service and save changes.

3.4. Import mInventory SAP® ECC and Gateway Transports

Innovapptive recommends installing Add-ons instead of importing Transports for an error free installation. However, if you prefer to import Transports, import them in the order listed in the table.

Note:

Ask your Innovapptive contact for the latest transports and these components will be provided in a compressed file format, such as .zip, .rar, and sent to you either through email or through FTP.

Table 3-3 MIM SAP® ECC Transports

Transport	Description	Dependency	
ERDK915460	Innov MIM 2410 ECC Objects	Import ERDK913573 before importing ERDK915460	

Transport	Description	Dependency
ERDK915569	Innov MIM 2411.1 ECC Objects	Import ERDK915460 before importing ERDK915569
ERDK915679	Innov MIM 2412.1 ECC Objects	Import ERDK915569 before importing ERDK915679
ERDK915684	Innov MIM 2412.2 ECC Objects	Import ERDK915679 before importing ERDK915684
ERDK915796	Innov MIM 2510.1 ECC Objects	Import ERDK915684 before importing ERDK915796
ERDK915800	Innov MIM 2501.02 ECC Ob- jects	Import ERDK915796 before importing ERDK915800
ERDK915860	Innov MIM 2501.3 ECC Objects	Import ERDK915800 before importing ERDK915860
ERDK915939	Innov MIM 2502.01 ECC Ob- jects	Import ERDK915860 before importing ERDK915939
ERDK915975	Innov MIM 2502.02 ECC Ob- jects	Import ERDK915939 before importing ERDK915975
ERDK915995	Innov MIM 2503.01 ECC Ob- jects	Import ERDK915975 before importing ERDK915995

Table 3-3 MIM SAP® ECC Transports (continued)

Table 3-4 MIM SAP® Gateway Transports

Transport	Description	Dependency
NGTK912556	Innov MIM 2410 Gateway Ob- jects	Import NG5K903797 before importing NGTK912556
NGTK912989	Innov MIM 2411.1 Gateway Ob- jects	Import NGTK912556 before importing NGTK912989
NGTK913132	Innov MIM 2412.1 Gateway Objects	Import NGTK912989 before importing NGTK913132
NGTK913139	Innov MIM 2412.2 Gateway Objects	Import NGTK913132 before im- porting NGTK913139

Transport	Description	Dependency
NGTK913177	Innov MIM 2510.1 Gateway Objects	Import NGTK913139 before importing NGTK913177
NGTK913208	Innov MIM 2501.2 Gateway Objects	Import NGTK913177 before im- porting NGTK913208
NGTK913257	Innov MIM 2501.3 Gateway Objects	Import NGTK913208 before importing NGTK913257
NGTK913285	Innov MIM 2502.1 Gateway Objects	Import NGTK913257 before importing NGTK913285
NGTK913307	Innov MIM 2502.2 Gateway Objects	Import NGTK913285 before importing NGTK913307
NGTK913314	Innov MIM 2503.1 Gateway Objects	Import NGTK913307 before importing NGTK913314

Table 3-4 MIM SAP® Gatewa	y Transports (cont	inued)
---------------------------	--------------------	--------

For steps to import Transports, see Import Transports (on page 34).

3.4.1. Verify SAP® ECC MIM Transport

If you have imported SAP® ECC MIM Transport, verify whether it was successful.

To verify the SAP® ECC MIM Transport:

- 1. Run the transaction code **SE37**.
- 2. Enter the program name as **/INVMIM/*** in the **Function Module** field.

Figure 3-20 Function Builder Initial Screen

E <u>F</u> unction Module	<u>E</u> dit <u>G</u> oto <u>U</u> tilities En <u>v</u> ironment S <u>v</u> stem <u>H</u> elp	
Ø	💌 🔫 🔚 I 😨 😪 I 🚔 🛗 🟠 I 🏝 🏗 I 💭 🔽 I 🥹 🖳	
Function Bui	der: Initial Screen	
i 🥕 🖉 🖷 🔂	📅 🗀 😥 Reassign	
Function Module		
ିନ୍ <mark>ୟୁ</mark> Display	Change Create	

3. Press **<F4>** to view the list of functional modules and capture the screenshot(s).

Figure 3-21	Function	Module	Classes
-------------	----------	--------	---------

E Eunction Module Edit Goto Utilities(M) Environment System	Help		
✓			
Function Builder: Initial Screen			
🖆 🥕 🖳 🖶 🔝 🛙 📅 🔽 🔅 Reassign			
Function Module /INVMIM/* C Repository Info System: Function M	odules Find (154 Hits)	×	
		-	
Co Display Change Function group	Function group short text	*	
Sar Display Function Module Name	Short text for function module		
		11	
/INVMIM/COUNT_ADJUST_FG	Counting and Adjustments		
/INVMIM/BAPI_HUPHYINV_COUNT	HU Physical Inventory Counting		
/INVMIM/BAPI_HUPHYINV_GETLIST	Get the HU Physical Inventory doc list		
/ INVMIM/BAPI_HUPHYINV_IIEMS	Get the list of HU items		
/INVMIM/MAIPHTINV_COUNT	Enter count for Certain items of a Physical inventory Documen Read list of phys. inv. documents	.с.	
/INVMIN/MATPHYINV ITEMS	Item list of inv. document		
/INVMIM/MATPHYINV POSTDIFF	Post differences for certain items in a phys. inv. document		
/INVMIM/CUSTOMIZATION_FG	Function Group for customization		
/INVMIM/CUSTOM_SEARCH_SCREEN	Dynamic Search Screen		
/INVMIM/INVENTORY_SECURITY	mInventory security		
(THERE IN CONTRACTOR INTO A STATE OF THE TON	Thurstony Durania Estanoiana		
/INVMIN/FO_DINNICENTION	Get the transform orders list		
/			
/INVMIM/GI FG	Goods Issue Function Group		
/INVMIM/ATTACHMENT_GI_OD_ITEM	Create attachment for Goos Issue Outbound deliver items		
/INVMIM/ATTACHMENT_MAT_DOC_CRE	Create Attachment for Material document		
/INVMIM/ATTACHMENT_SER_ENT_CRE	Create Attachment for Material document		
/INVMIM/FM_FORM_TO_PDF1_GI	Convert form to PDF		
/INVMIM/GET_GI_MATDOC_HDRS_FM	Get list of Material document waiting for GI		
/INVMIM/GET_GI_MATDOC_ITEMS_FM	Cet Item data for outbound deliveries		
//INVAIN/GEI_GI_ODITENS_FA	oco item data iti tatobana activenes	÷	
		× 1	
		1 1	

3.4.2. Verify SAP® GW MIM Transport

If you have imported SAP® GW MIM Transport, verify whether it was successful.

To verify the SAP® GW MIM Transport:

1. Navigate to the transaction code **SE24**.

-

2. Enter **object type** to search for all objects /INVMIM/*.

Figure 3-22 Function Builder Initial Screen

	tion Module <u>E</u> dit <u>G</u> oto <u>U</u> tilities En <u>v</u> ironment S <u>y</u> stem <u>H</u> elp
(🔻 😓 😪 😪 😓 🛗 🕼 🎝 🎝 🎝 🏹 🔽 🥹 🖳
	ction Builder: Initial Screen
1	🛱 🖏 🗓 📅 🗋 🕪 Reassign
1	n Module
8	Display Change Create
<u> </u>	n Module //INVMIM/*

3. Press **<F4>** to view the list of classes and capture the screenshot(s) to share the results.

Class	Builder: Initial Screen	
ii 🧪 🤅	🖳 🚭 🗓 📅 🗔 🕪 🏾 Class Brows	er
	🖻 Repository Info System: Class/Interfa	ace Find (200 Hits)
Object typ		
	Object Type Name	Short Description
Se Di		
	/INVMIM/CL_MINVENTORY_DPC	Data Provider Base Class
	/INVMIM/CL_MINVENTORY_DPC_EXT	Data Provider Secondary Class
	/INVMIM/CL_MINVENTORY_MPC	/INVMIM/CL_MINVENTORY_MPC
	/INVMIM/CL_MINVENTORY_MPC_EXT	/INVMIM/CL_MINVENTORY_MPC_EXT
	/INVMIM/CL_MINVENTORY_DPC	Data Provider Base Class
	/INVMIM/CL_MINVENTORY_DPC_EXT	Data Provider Secondary Class
	/INVMIM/CL_MINVENTORY_MPC	/INVMIM/CL_MINVENTORY_MPC
	/INVMIM/CL_MINVENTORY_MPC_EXT	/INVMIM/CL_MINVENTORY_MPC_EXT
	/INVMIM/CL_MINVENTORY1_DPC	Data Provider Base Class
	/INVMIM/CL_MINVENTORY1_DPC_EXT	Data Provider Secondary Class
	/INVMIM/CL_MINVENTORY1_MPC	/INVMIM/CL_MINVENTORY1_MPC
	/INVMIM/CL_MINVENTORY1_MPC_EXT	/INVMIM/CL_MINVENTORY1_MPC_EXT
	/INVMIM/CL_MINVENTORY2_DPC	Data Provider Base Class
	/INVMIM/CL_MINVENTORY2_DPC_EXT	Data Provider Secondary Class
	/INVMIM/CL_MINVENTORY2_MPC	/INVMIM/CL_MINVENTORY2_MPC
	/INVMIM/CL_MINVENTORY2_MPC_EXT	/INVMIM/CL_MINVENTORY2_MPC_EXT
	/INVMIM/IF_BAPI_HUPHYINV_GETLI	/INVMIM/IF_BAPI_HUPHYINV_GETLI
	/INVMIM/IF_BAPI_HUPHYINV_ITEMS	/INVMIM/IF_BAPI_HUPHYINV_ITEMS
	/INVMIM/IF_BAPI_INV_AUDIT_BO1	/INVMIM/IF_BAPI_INV_AUDIT_B01
	/INVMIM/IF_BAPI_INV_AUDIT_BOM	/INVMIM/IF_BAPI_INV_AUDIT_BOM
	/INVMIM/IF_BAPI_INV_AUDIT_IT1	/INVMIM/IF_BAPI_INV_AUDIT_IT1
	/INVMIM/IF_BAPI_INV_AUDIT_ITEM	/INVMIM/IF_BAPI_INV_AUDIT_ITEM
	/INVMIM/IF_BAPI_INV_AUDIT_LI1	/INVMIM/IF_BAPI_INV_AUDIT_LI1
	/INVMIM/IF_BAPI_INV_AUDIT_LIST	/INVMIM/IF_BAPI_INV_AUDIT_LIST
	/INVMIM/IF_BATCH_CREATE_FM	/INVMIM/IF_BATCH_CREATE_FM
	< >	
Selectio		🖌 🚱 🚍 🛄 🐯 New Selection 🔀 🗶

Figure 3-23 Object Classes

3.4.3. Activate mInventory OData Service

Once add-on and support packs / transports are installed, activate mInventory OData service.

To activate OData services for mInventory:

- 1. Run transaction /IWFND/MAINT_SERVICE.
- 2. Select the service: /INVMIM/ MINVENTORY_2_SRV.
- 3. Click Activate from the drop-down list of ICF Node options.

A message appears notifying the package selection.

Act	Activate and Maintain Services				
		EQ Add Service Delete Service Bal Service Details Service Details			
Serv	vice Catalog				
Туре	Technical Service Name	V. Service Description Exten	nal Service Name OAut		
BEP	ZMDG SUPPLIER GENIL SRV	1 Supplier Approval: MDG MDG	SUPPLIER GENIL SRV		
BEP	ZMDG SUPPLIER SRV	1 MDG: Request Supplier oData Service MDG	SUPPLIER SRV		
BEP	/INVMIM/MINVENTORY 2 SRV	1 Mobile Inventory Management MINV	ENTORY 2 SRV /INVMIM/		
BEP	/INVMIM/MINVENTORY SRV	1 Mobile Inventory Managment MINV	ENTORY_SRV /INVMIM/		
BEP	/INVMES/MOBILE EMPLOYEE SRV	1 ODATA services for mEmployee MOBI	LE EMPLOYEE SRV /INVMES/		
BEP	/INVMRE/MOBILE RELEASE SRV	1 Mobile Release OData Services MOBI	LE RELEASE SRV /INVMRE/		
BEP	/INVMTE/MOBILE TRAVEL EXPENSE SRV	1 Mobiel Travel Expense OData services MOBI	LE TRAVEL EXPENSE SRV /INVMTE/		
BEP	/INVMRE/MRELEASE SRV	1 mRelease OData Services MREL	EASE_SRV /INVMRE/		
BEP	/INVMSX/MSALESX 2 SRV	1 Mobile Sales Execution MSAL	ESX 2 SRV /INVMSX/		
BEP	/INVMSX/MSALESX CRM 2 SRV 02	1 Mobiles Sales Execution Services for CRM MSAL	ESX_CRM_2_SRV_02 /INVMSX/		
BEP	/INVMSX/MSALESX CRM SRV	1 Mobiles Sales Execution Services for CRM MSAL	ESX_CRM_SRV /INVMSX/		
BEP	/INVMSX/MSALESX_SRV	1 Mobile Sales Execution MSAL	ESX_SRV /INVMSX/		
BEP	/INVMSC/MSHOP_SRV	1 /INVMSC/CL_MSHOP_DPC_EXT MSHC	P SRV /INVMSC/		
BEP	/INVMWL/MWORKLIST 2 SRV	1 Mobile Worklist OData services MWO	RKLIST 2 SRV /INVMWL/		
BEP	/INVMWO/MWORKORDER_SRV	1 mWorkOrder OData Services MWO	RKORDER_SRV /INVMWO/		
	E Node	Client	Add System Alize Remove System Alize Re2 Outomiting		
			Egrad system mus Egramore system mus por custom any		
<u>A</u>	<u>Ictivate</u>		System Aliases		
D	Deactivate Session Time-out Soft	State Description	SAP System Alias Description		
D	elete 00:00:00	Standard Mode			
C	configure (SICF)				

Figure 3-24 Activate and Maintain Services

4. Click the **Local Object** button and continue to activate the service.

The OData service is activated and the status turns green.

Figure 3-25 oData Service Activated

Act	Activate and Maintain Services						
91	🛓 🗟 🛗 👘 🚯 🖓 🖬 🗸 🖽 🗐 🖬 Filter 🛛	Eo Ad	d Service 🛅 Delete Service 🔀 Service Details 🕯	Load M	etadata 😃 Error Log 🌆	Request Statistics	resh Cat
Serv	vice Catalog						
Туре	Technical Service Name	^V	Service Description	Externa	I Service Name	Namespace	OAut.
BEP	ZMDG SUPPLIER GENIL SRV	1	Supplier Approval: MDG	MDG S	UPPLIER GENIL SRV		
BEP	ZMDG SUPPLIER SRV	1	MDG: Request Supplier oData Service	MDG S	UPPLIER SRV		
BEP	/INVMIM/MINVENTORY 2 SRV	1	Mobile Inventory Management	MINVE	ITORY 2 SRV	/INVMIM/	 Image: A start of the start of
BEP	/INVMIM/MINVENTORY SRV	1	Mobile Inventory Managment	MINVE	ITORY SRV	/INVMIM/	<
BEP	/INVMES/MOBILE EMPLOYEE SRV	1	ODATA services for mEmployee	MOBILE	EMPLOYEE SRV	/INVMES/	<
BEP	/INVMRE/MOBILE RELEASE SRV	1	Mobile Release OData Services	MOBILE	RELEASE SRV	/INVMRE/	✓
BEP	/INVMTE/MOBILE TRAVEL EXPENSE SRV	1	Mobiel Travel Expense OData services	MOBILE	TRAVEL EXPENSE SRV	/INVMTE/	-
BEP	/INVMRE/MRELEASE_SRV	1	mRelease OData Services	MRELE/	ASE SRV	/INVMRE/	√
BEP	/INVMSX/MSALESX 2 SRV	1	Mobile Sales Execution	MSALE:	SX 2 SRV	/INVMSX/	-
BEP	/INVMSX/MSALESX CRM 2 SRV 02	1	Mobiles Sales Execution Services for CRM	MSALE	SX CRM 2 SRV 02	/INVMSX/	√
BEP	/INVMSX/MSALESX CRM SRV	1	Mobiles Sales Execution Services for CRM	MSALE:	SX CRM SRV	/INVMSX/	√
BEP	/INVMSX/MSALESX SRV	1	Mobile Sales Execution	MSALES	SX SRV	/INVMSX/	 Image: A start of the start of
BEP	/INVMSC/MSHOP_SRV	1	/INVMSC/CL_MSHOP_DPC_EXT	MSHOP	SRV	/INVMSC/	
BEP	/INVMWL/MWORKLIST 2 SRV	1	Mobile Worklist OData services	MWOR	KLIST 2 SRV	/INVMWL/	√
BEP	/INVMWO/MWORKORDER_SRV	1	mWorkOrder OData Services	MWOR	CORDER SRV	/INVMWO/	-
ICI	🖉 ICF Node 🔄 🙆 Call Browser 🕮 SAP Gateway Client						
ICF	Nodes				System Aliases		
Statu	IS ICF Node Session Time-out Soft	State	Description		SAP System Alias Descri	iption	
000	ODATA 00:00:00		Standard Mode				

- 5. Click **Add System Alias** above **System Aliases** on the right to add the SAP System alias for the selected service.
- 6. Click New Entries.
- 7. Assign the System Alias for the service and save changes.

4. Check Schema Change Indicator

After importing support packs into the systems, perform the following steps to check the Schema Change Indicator.

- 1. Login to SAP Gateway system.
- 2. Go to **tcode SM30**.



- 3. Click Maintain.
- 4. Click New Entries.



Figure 4-2 Table Entries for Schema Change Indicator

- 5. Select RACE[™] Client and mInventory from App Name drop-down and select **Schema** Indicator checkbox.
- 6. Save the changes in Transport Request to move the changes to Quality and Production environment.

Table 4-1 Schema Details

Base URL	Old Schema	New Schema
/INVCEC/RACE_SRV	/INVCEC/RACE_SRV	RACECLIENT
INVMIM/MINVENTORY_2 SRV/	INVMIM/MINVENTORY_2 SRV/	MINVENTORY

5. SAP Gateway cache clean up

Clean up the SAP Gateway Cache after importing support packs into the systems.

- 1. Login to SAP Gateway system.
- 2. Go to transaction /n/iwfnd/cache_cleanup in the gateway system.
- 3. Select the Cleanup Cache for all Models checkbox and click Execute.
- 4. Go to transaction /n/iwbep/cache_cleanup in the gateway system.
- 5. Select the Cleanup Cache for all Models checkbox and click Execute.
- 6. Go to transaction *smicm* in the gateway system.
- 7. Navigate to Goto, HTTP Plugin, Server Cache and Invalidate Globally option.



Figure 5-1 smicm transaction

8. Click Yes.

6. Configure SAP Gateway for mInventory

SAP Material Management (MM) users can use mInventory to do the following:

- Do stock availability checks across plants, storage locations, warehouse storage bins, and so on.
- Receive goods using Purchase Orders, Inbound and Outbound Deliveries, Material Document, and so on.
- Issue goods using Stock Transfer Orders, Outbound Deliveries, and Work Orders.
- Ensure physical inventory cycle counting and adjustments of materials and storage bins.
- Transfer postings across plants, bins, and so on, and transfer order confirmations.
- Manage inbound and outbound transactions, such as picking, packing, and put away.
- Scan Barcodes and QR codes to execute inventory and warehouse transactions.

6.1. Prerequisites for SAP Gateway Configuration

Ensure these components are installed and configured:

- Dependency
 - Innovapptive Add-Ons and Support Packs.
- Assumptions
 - The backend processes required for the app are enabled and related data is set up.
 - mInventory Add-on for SAP ECC and SAP NetWeaver Gateway are installed and validated.
 - Mobile platform (SAP Mobile Platform or SAP Cloud Platform mobile services) is configured with the mobile application.

6.2. Map source and destination systems for minventory

Set up the source and destination systems.

For example, if ECC is your source system and gateway is your destination system, map the IDs of respective systems.
- | 6 Configure SAP Gateway for mInventory
 - 1. Run T-Code /INVMGO/SYSTEMS.
 - 2. Add the following entries in the table for mInventory:

Table 6-1 Application global configuration attributes

Field	Description
CLIENT	Client number of SAP system.
SYSTEM ID	System ID name of source SAP system.
SYSTEM NAME	System name of destination SAP system.
DESTINATION	Destination RFC ID.

6.3. Configure stock categories for Stock Overview

Configure Stock categories such as Unrestricted, Blocked, Quality Inspection. Once configured these categories appear in the Stock Overview module of mInventory.

To configure the categories:

- 1. Enter table /INVMIM/STOCKTYP using SM30 transaction.
- 2. Add the following entries to view the project stock:

Table 6-2 Attributes for Stock Category

Field	Description
FIELD NAME IN BAPI	BAPI field name of stock category.
FIELD NAME IN TABLE	Field name of table for stock category.
STOCK DESCRIPTION	Description of the stock type to be dis- played on app.

Field	Description
ACTIVE	Mark this field as X to display on the mo- bile app.
UI POSITION	Sequence for UI fields on app.

Figure 6-1 Table for Stock Categories

Display Vie	w "Table fo	or list of stocl	k cate	gories":	Overview	
0	• «		B (6) (5 £1 #1	ភស ភាគា	01
					• • • •	
Display View	v "Table for	r list of stock	categ	ories": C	Verview	
🌶 🖪 🖪 🖪						
Table for list of sto	ck categories					
Field Name in B	Field Name in	Stock Desc	Active	UI Position	Screen Name	
CHARG	CHARG	Batch Number		6	PROJECT_STOCK	
LGORT	LGORT	Storage Location		7	PROJECT_STOCK	
MATNR	MATNR	Material Number		8	PROJECT_STOCK	
PREIN	PREIN	Restricted Use	х	4	PROJECT_STOCK	Ч
PRINS	PRINS	Qual. Inspection	х	2	PROJECT_STOCK	
PRLAB	PRLAB	Unrestricted Use	х	1	PROJECT_STOCK	
PRSPE	PRSPE	Blocked	х	3	PROJECT_STOCK	
PSPNR	PSPNR	Work Breakdown St		5	PROJECT_STOCK	
WERKS	WERKS	Plant		9	PROJECT_STOCK	
	4 F				4 5	
	E Post	ion	Entr	y 1 of 9		

Figure 6-2 Stock Type configuration attributes

2	• «	: 🖯 I 🕲 🙆 😒 I 🖨 🛍 🕼 I 🎗) 원 유 원 🌄 🖻 🞯 🐺			
Data Bi	owser: Table /	INVMIM/STOCKTYP Sele	ct Entries 44			
6 0 A						
og. 28 🔀						
MANDTS	STOCKTYPE	STOCKTYPE_T	STOCKDESC	ACTI	VE UL POSITION	
800	BLKD_CONSI	KSPEM	Blocked Consignment Stock			
800 8	BLKD_GR	WESPB	Blocked Stock from Goods Receipt			
800 B	BLKD_RETURNS	RETURNS	Blocked Stock Returns	х	6	
800 8	BLKD_STKC	BLOCKED	Blocked Stock	х	5	
800 0	CONSIG_ORD	CONSIGORD	Consignment order			
800 0	CONST_IN_QUAL_INSP	QUALITYINSPECTIONCONSIGNMENT	Consignment Stock in Quality Inspection			
800 0	CONTRACTS	VBEDG	Contracts			
800 0	DELIVERY	VBEDJ	Deliveries			
800 0	DENOMINATR		Denominator for conversion to base units			
800 0	DEP_REQMITS		Dependent requirements			
800 F	FDKED_ISSUES		Total of promised issues			
800 F	FDKED_RECPT		Total of promised receipts			
800 F	FOC_DELIVERY	VBEDI	Deliveries free of charge	х	10	
800 F	FORECAST_REQ		Forecast requirements			
800 1	ND_REQMTS		Planned independent requirements			
800 1	NUMERATOR		Numerator for Conversion to Base Units o			
800 0	ORDERS	VBEDC	Orders			
800 P	PLND_ORDER		Planned orders			
800 P	PL_ISSUES		Total of planned issues			
800 P	PL_RECEIPT		Total of planned receipts			
800 P	PROD_ORDER		Production orders in total			
800 P	PUR_ORDERS	PURORDERS	On-Order stock	х	4	
800 P	PUR_REQ		Purchase requisitions			
800 0	QUAL_INSPECTION	QUALITYINSPECTION	Stock in Quality Inspection	х	2	
800 0	QUAL_INSP_VENDOR		Stock in quality inspection at vendors			
800 0	QUOTATIONS	VBEDB	Quotations			
800 8	REC DEPREO	RESTRICTEDUSE	Total quantity of the receipt dependent			

6.4. Configure output types for Label Printing

Configure Output types for label printing in Goods Receiving and Goods Issue modules

| 6 - Configure SAP Gateway for mInventory

To configure output types for Label Printing:

- 1. Enter table /INVMIM/OPT_CONF using **SM30** transaction.
- 2. Add the following entries in the table:

Table 6-3 Label Printing Output Type attributes

Field	Description
OUTPUT_TYPE	Enter the Condition Type.
OUTPUT_INDICATOR	Enter the Output indicator.
MODULE_NAME	Enter the Module Name.

Figure 6-3 Label Printing Output Types



6.5. SAP Log Table for failed transactions when in Offline mode

View the logs of transactions that failed when the device is not connected to the network, in the */n/INVMGO/OFFOTLOG* report.

Reason for failure is displayed for each transaction. You can delete/clean the old records using the **Delete Indicator** checkbox.

🍄 🔁			
Application name	mInventory	•	
Module Name			
User ID	MINVENTORY1		
Date	16.03.2019	to	B
Delete Indicator			

Figure 6-4 Error Log Table history Filters



Error log t	table history					
9 = 7	7 2 🗿 🐴	4 🗟	17 🍬 🚹 🛙 🖩	I 🕂 📲 I 🚺		
Application Name	Module Name	Keyfields	Created By	Date	Message	Status
MINVENTORY	Service Confirmation		MINVENTORY1	20.190.311.022.448	(E):Service 300000000018: quantity 1.234.568,000 exceeds quantity 20,000 in purchase order.	F
MINVENTORY	Service Confirmation		MINVENTORY1	20.190.312.020.818	(E):Service description (number, short text) missing in line 0000000010.	F
MINVENTORY	Service Confirmation		MINVENTORY1	20.190.312.024.300	(E):Service VegMgmt - Herbicide: no overall limit for unpl. services amounting to 4.938.271,56 exists	i, F
MINVENTORY	Service Confirmation		MINVENTORY1	170.911.000.000	(E):Service description (number, short text) missing in line 0000000010.	F
MINVENTORY	Service Confirmation		MINVENTORY1	20.190.312.024.142	(E):Service VegMgmt - Herbicide: no overall limit for unpl. services amounting to 4.938.271,56 exists	. F
MINVENTORY	Service Confirmation		MINVENTORY1	20.190.312.024.523	(E):Service description (number, short text) missing in line 0000000010.	F

All the entries are stored in SAP ECC custom table /INVMGO/OFFOTLOG.

Figure	6-6	Offline	Outbox	Loq	details

1	Display of Entries Found							
Ð	🔁 🤯							
Tal	Table to be searched /INVMGO/OFFOILOG Offline outbox log details							
Nu	mber of hits	213						
Rur	ntime	0	Maxi	mum no. of hits 500				
				Ľ				
			DBBG) 1 7 6 6 7 . 2				
	Transaction ID	Serial Number	App Name	Module Name	KeyFields	Transaction name	AppID	
		1						
	0.1692458206093308	2	MINVENTORY	Material Master		0.1692458206093308	APP160	
	0.1692458206093308	1	MINVENTORY	Material Master		0.1692458206093308	APP160	
	0.1692458206093308	3	MINVENTORY	Material Master		0.1692458206093308	APP160	
	0.1692458206093308	4	MINVENTORY	Material Master		0.1692458206093308	APP160	
	0.1692458206093308	5	MINVENTORY	Material Master		0.1692458206093308	APP160	
	0.41007743121195983	2	MINVENTORY	Material Master		0.41007743121195983	APP160	
	0.41007743121195983	3	MINVENTORY	Material Master		0.41007743121195983	APP160	
	0.41007743121195983	4	MINVENTORY	Material Master		0.41007743121195983	APP160	
	0.41007743121195983	5	MINVENTORY	Material Master		0.41007743121195983	APP160	
	0.41007743121195983	1	MINVENTORY	Material Master		0.41007743121195983	APP160	
	0.4768458892838072	1	MINVENTORY	Material Master		0.4768458892838072	APP160	
	0 4760450000000070	2	MINUCHTODY	Made and March 20		0.4700450000000070	ADD1CO	

6.6. Enable Ping ID support for iOS

The issue with Ping ID (for iPad) that occurred in SMP 3.0 SP14 library is rectified in SP16 library. However, the existing backend schema code (with forward slash) does not support the SP16 version. Changes are implemented in the backend and UI across the application.

Maintain the following entries in the gateway table using t-code /n/INVCEC/SCHEMA.

App Name	Schema Indicator
MINVENTORY	Yes
RACECLIENT	Yes

Figure 6-7 Table Entries for Schema Change Indicator

	<u>U</u> tilities System <u>H</u> el	lp	
	■ 🕜 🛖 L 🖵 茴 茴 目	። ስቲስ ይቀን i	
Display View "Table Entries	for Schema Chang	e Indicato	or": Overview
Table Entries for Schema Change Indicato	ſ		
APP Name	Schema Indicator	•••	
MINVENTORY Mobile Inventory Manage	✓	<u>^</u>	
RACECLIENT RACE Client	<	- -	
			
	< >	4 1	
		, ,	
Position	Entry 1 of	2	

6.7. Configure SAP HR Master Data

Configure master data for user details like user ID, username, and user profile photo in SAP. These details are displayed on User Profile screen of the application. | 6 - Configure SAP Gateway for mInventory

Following steps guide you to configure master data:

- 1. Go to the transaction **PA40**.
- 2. Select create new assignment in **Personnel Actions**.

Figure 6-8 Personnel Actions

Personnel Actions		
¢		
	Personnel No. Pers.A Start	Assgn
	Personnel Actions	Design II and II and II
	Action Type	Personn EE group EE subg
		· · · · · · · · · · · · · · · · · · ·
	Create New Assignment	
	Org.mgmt - mini master (CATT)	
	Hiring - addition	
	Supplementary IT	
	Re-entry into Company	
	Hiring HR050	
	Hiring HR305	
	Hiring HR505	
	Change of Position	
	Return from S-Term Disability	^
	Planning Global Assignment	· · · · · · · · · · · · · · · · · · ·
		4 >

- 3. Click on execute 🚱 or Press F8.
- 4. Enter Start Date, Last Name, First Name and Personnel Area.
- 5. Click Save.

Personnel Number record is created.

- 6. Go to transaction **PA30**.
- 7. Assign Personnel No. to Employee ID (which should be created by Basis in SAP).
- 8. Enter Infotype as 0105 and Sub type as 0001.
- 9. Click Create.
- 10. Enter SAP User ID/number.

Figure 6-9 Create Communication

Create Communication					
💫 🗟 🧟					
⇐⇒।₅★ቈ।♥≥	Pers. No.	80033	Pers.Assgn 00	0080033	▼ 💱
Find by		IN Model comp - And	Active		
▼ As Person		Admin	Hourly wage earne	r HR-IN : Monthly	
Collective search help M Search Term	Start	01.01.2019 to	31.12.9999		
- The search	Communicatio	n			
	Туре	0001 System u	iser name (SY-UNAM	4E)	
1	ID/number				

11. Click Save.

12. Go to PA0105 table and review the details.

Figure 6-10 PA0105 table

Image: Constraint of the search of the se	1	Display of Entries Found								
Table to be searched PA0105 HR Master Record: Infotype 0105 (Communications) Number of hits 1 Runtme 0 Maximum no. of hits 500	ē	ð 🖡								
Runtme 0 Maximum no. of hits 500	Tal Nu	ole to be searched mber of hits	PA0105	HR Master Record: Infotype 0105 (Communications)						
	Rui	ntime	0	daximum no. of hits 500						
				🔊 🔎 🚛 📔 🔝 👧 Details						
Persitio, S. 17. Objub Li End Date Start Date Rivo Reserved Heid/Unused Hei		PersNo. STy. ObjID LI End	d Date Start Date	RNo Reserved Field/Unused Field Reserved Field/Unused Field of Length 2 Reserved Field/Unused Field of Length	gth 2 Grp Value Type	ID/number Long ID				
80033 0001 31.12.9999 01.01.2019 0001 MINVENTORY1		80033 0001 31.	.12.9999 01.01.2019		0001	MINVENTORY1				

13. Go to **OAAD** transaction to upload the profile photo to the Personnel Number.

- 14. Click Store and Assign.
- 15. Enter Business Object and Document Type.
- 16. Click Create.
- 17. Enter Personnel Number and Infotype as 0006.

Figure 6-11 Key for SAP Document

ArchiveLink: Store and Assign
Target object
Business object PREL
Doc 🔄 Key for SAP document
Link Personnel Number 00080033 Infotype 0006 Bus Subtype Obj Object ID Doc Date of Origin Cor Image: Subtype Doc Image: Subtype Image: Subtype Ima

- 18. Click **OK**.
- 19. Browse the profile photo and click **Open**.
- 20. Review the profile photo using **PA30** transaction.

7. Configure RACE[™] for mInventory

Innovapptive's Connected Workforce Platform[™] uses built-in integrations to connect your SAP[®], IBM Maximo, and other back-office systems with mobile applications. This helps organizations bridge communication and information gaps between executive teams, field technicians, plant operators, warehouse operators, maintenance engineers, and back-office staff. Connect data points across cloud and on-premise networks to quickly and easily.

- Draw powerful insights
- Identify cost-savings opportunities
- Make calculated business decisions
- Respond quickly to trends or problems

To align our solutions with your operations, we built a Rapid App Configuration Engine (RACE[™]) directly into our mobile Connected Workforce Platform. This sophisticated configuration toolkit gives developers and non-developers complete freedom to customize mobile environments without any coding experience.





Deployment ecosystem consists of the following:

- SAP ECC Integration Component (SAP Certified Add-On in Innovapptive Namespace): This SAP-certified add-on is developed on ABAP. You can deploy this add-on on SAP ECC through an Add-On Package. You can make enhancements to this through BADI by developing those enhancements in ABAP. This add-on helps you manage Data retrieval and do posting to BAPI's or Function Modules.
- 2. SAP NetWeaver Integration Component with OData Web Services: Developed on ABAP and OData and offered as an SAP Certified Add-On. This add-on is deployed through an Add-On Package on SAP NetWeaver. You can make enhancements through RACE Configurations. This add-on helps manage the OData integration components (i.e. OData Web Services) to interface with the mobile app. The RACE[™] Add-On has both the front-end components and the back-end data tables for the RACE[™] Lite Configuration tool.
- 3. Native App Client + Desktop Web App: Application front-end solutions are offered on mobile OS as a native application that can run on tablets and smartphones.
 - iOS Developed using native iOS (Swift SDK)
 - Android Developed using Android SDK on JAVA
 - Browser based App for desktop Developed using SAPUI5 technology.

Changes on the application user interface is managed through the RACE™ Lite Admin tool.

- 4. Interface between Mobile App and NetWeaver Gateway: OData Web Services
- 5. Interface between NetWeaver Gateway and SAP ECC: RFC Connection

7.1. Features of RACE™

You can do the following with RACE™ in your mobile application:

- **Enable and Disable features**: Enable or disable modules on the fly; no additional development or deployments efforts.
- **Define Defaults**: Define default device and application values that you use every day at work like Default Plant or the type of peripherals that you use. When you do this, the fields for specifying those values are automatically populated.
- Manage Filters: Create, edit, or delete filters to define the transaction records that you want to view across the modules. For example, you can add a date filter for Purchase Orders to restrict a list of Purchase Orders displayed in a list screen.
- Add/Modify fields: Add new fields and modify existing field parameters, such as Field Types, UI Label, UI Positions, and visibility. Define mandatory, optional, or display/hidden fields.

- Add and customize search criteria: Add/modify search fields to filter records based on your work requirements.
- **Create modules and screens**: Create new modules and screens to address your specific business requirements.
- **Optimize Performance**: Enable or disable a collection for Offline storage and configure the page size on the list screen using Skip Token.
- Localization: Configure the UI labels in the language of your choice to cater to regional language requirements.
- Apply security access capabilities to modules and features.
- Configure security for newly added fields.
- Map newly added fields with SAP fields.

7.2. How to Configure RACE[™] for mInventory

RACE[™] configurations are provided in spreadsheets. Upload these spreadsheets to your RACE application instance to enable the latest RACE[™] features that are developed for mInventory. Contact your Innovapptive representative for the RACE configuration spreadsheets for your release.

When you use the RACE[™] preset configuration spreadsheets, you enable all the recommended features / configurations automatically.

Some non-standard features are developed for a few customers. These features are not enabled by default when you import the spreadsheets with configurations. You can enable these features if required by your business.

For detailed information on RACE configurations, see the Upload Application Configurations Using $RACE^{TM}$ section in the Configure mInventory using $RACE^{TM}$ document.

8. SAP transactions and tables for mInventory

The following table provides the list of key SAP transactions and tables for mInventory.

Module Name	Applicable Table	Transaction Code
GOODS_ISSUE	VBAP	VL06
GOODS_ISSUE	VBUK	VL06
GOODS_ISSUE	LIKP	VL06
GOODS_ISSUE	LIPS	VL06
GOODS_ISSUE	AUFK	IW31
GOODS_ISSUE	ЕККО	ME23N
GOODS_ISSUE	EKPO	ME23N
GOODS_ISSUE	MSEG	MBIA
GOODS_RECIEVING	LIKP	MIGO
GOODS_RECIEVING	ЕККО	MIGO
GOODS_RECIEVING	ЕККО	MIGO
GOODS_RECIEVING	MSEG	MBIC
All	MSEG	MIGO
All	МКРГ	MIGO
All	RKPF	MIGO
All	RESB	MB23
All	NAST	MB90
HU_LOOKUP	VEKP	НИМО
HU_LOOKUP	VEPO	НИМО
PICKING	LIKP	VL06P
PUTAWAY	LIKP	VL06
PACKING	LIKP	VL02N, VL32N

Table 8-1 SAP Transactions and Tables

Module Name	Applicable Table	Transaction Code
PACKING	VEPO	VL02N, VL32N
PACKING	РАСКРО	VL02N, VL32N
STOCK_OVERVIEW	LQUA	LS26
STOCK_OVERVIEW	MARA	ММВЕ
STOCK_OVERVIEW	MARD	ММВЕ
STOCK_OVERVIEW	МСНВ	ММВЕ
STOCK_OVERVIEW	MARA	ММВЕ
STOCK_OVERVIEW	MARD	ММВЕ
STOCK_OVERVIEW	МСНВ	ММВЕ
TO_CONFIRM	LTAK	LT12
TO_CONFIRM	LTAP	LT12
CYCLE_COUNT_MAT	IKPF	MI04, MI07
CYCLE_COUNT_MAT	ISEG	MI04, MI07
CYCLE_COUNT_MAT	HUINV_HDR	HUINV01
BIN_COUNT	ISEG	MI04
BIN_COUNT	IKPF	MI07
BIN_COUNT	LINV	LI11N, LI20
TRANSFER_POSTING	LINK	LIIIN, LI20
TRANSFER_POSTING	LINP	LIIIN, LI20
EXTENDED_WAREHOUSE MANAGEMENT	/SCDL/DB_PROCH_I	/SCWM/IDN
EXTENDED_WAREHOUSE MANAGEMENT	/SCDL/DB_PROCI_I	/SCWM/PRDI
REMOTE_LOGISTICS_MGMT	OIO_C1_CNTNR, VTTK	O3O_PACK01, O3O_PACK03, O3O_PACK05
MATERIAL MASTER	MARA, MARC, MARD	MM02

Table 8-1 SAP Transactions and Tables (continued)

Table 8-1 SAP Transactions and Tables (continued)

Module Name	Applicable Table	Transaction Code			
Material document and Label	MSEG, NAST	MB90			
reprinting					

9. Deploy MIM UI5 package to SAP Cloud platform (SCP)

Do the following to deploy MIM UI5 package to SCP:

- 1. Login to SCP Cockpit.
- 2. Navigate to Applications, HTML5 Applications.
- 3. Click Import From File.
- 4. Browse and select the application (mInventory) zip file.
- 5. Enter **Version** number.
- 6. Click on the deployed application and go to Versioning from the menu.
- 7. Click on **Versions** on the detail page.
- 8. Click Activate.

Figure 9-1 Application Details - Versions

≡			SAP Cloud Platform Cockpit		ມ ¹² ⊚ 📰		
	Overview	合 Home [US East (Ashburn)] / ⊕ US East (Ashburn) 🤟 / 器 Innovapptive Inc. / 🖹	Innovapptive Inc. $ \sim / {igodot}$	mworkorderui5jameena 🗸		
	Versioning	Source Location				G	Ð
86	Roles	Git Repository URL: http:	s://git.us1.hana.ondemand.com/b70068d2c/mworkorderui5jamee	na			
	Resource Consumption	27 Edit Online					
	Logging	History				G	D
		Refresh 1 Impor Version 6.0.2 Required Destinations fr Assign a destination from y Available	trom File r Version "6.0.2" our subaccount to each required destination of the application. Required Destination (from Application Descriptor)	Active A	Actions		
		X	SAP_Gateway: Netweaver Gateway	SAP_G	Gateway (default mapping)	1	
	Useful Links	Edit					
	Legal Information						

9. Click **Yes** on the Activate Version confirmation pop-up.

10. Application URL is displayed in the **Active Version** section.

Figure 9-2 Application Details - Active Version - URL

≡			SAP Cloud Platform Cockpit								
٥	Overview	合 Home [US East (Ashburn	🏠 Home [US East (Ashburn)] / 🌐 US East (Ashburn) 🗸 / 📓 Innovapptive Inc. 🖌 🗎 Innovapptive Inc. 🗸 / 🖏 mworkorderui5jameena 🗸								
٦	Versioning	Application Details						?			
8 ⁶	Roles	Application Name:	mworkorderui5jameena								
Ø	Resource Consumption	Display Name:	mworkorderul5jameena								
Ē	Logging	Description:									
			Edit								
	Actions							?			
		Started	• • • •								
		Active Version						?			
		Active Application Version:	6.0.2								
	Application URL: https://mworkorderul5jameena-b70068d2c.dispatcher.us1.hana.ondemand.com										
		Required Destinations									
	Assign a destination from your subaccount to each required destination of the application.										
		Available	Required Destination (from Application Descriptor)	Mapped Subaccount Desti	ination						
?	Useful Links	X	SAP_Gateway: Netweaver Gateway	SAP_Gateway (default m	napping)						
₫0	Legal Information	Edit									

10. Implement BADIs

mInventory uses SAP oDATA based on RESTful design. mInventory performs service calls to read and post data from the SAP Business backend system. These service calls invoke remote enabled function modules in the backend systems to either get or post data depending on the direction of the call. Like Standard SAP code, Innovapptive Add-On code objects cannot be modified in customer systems.

Innovapptive's solution provides the ability for customers to avail additional functionality through BADIs. The enhanced/modified service calls/function modules that are designed to meet special/additional requirements of customers are replaced in the customer environment BADI.



Figure 10-1 BADI Implementation

10.1. Prerequisites for BADI Implementation

Ensure you have the following:

• Access

• Access to the ECC system as ABAP Developer.

Dependency

- Installation of ECC and Gateway Add-ons.
- BRD and Fit-GAP analysis has been performed. Gap resolution requires custom enhancement to be performed on the customer SAP system.

Assumptions

- Person who performs the actions outlined has full knowledge and understanding of ABAP Development and has BADIs implementation experience.
- Standard SAP best practices are followed, and the business requirements are documented, the Fit-Gap analysis is performed, FS and TS are documented to ensure that the changes to the standard functionality are done using the SDLC process.
- All changes done in the BADI are owned by the customer and changes and support (during upgrades) are fully owned by the customer as these are enhancements to the Product and thus no longer part of the standard Innovapptive product Add-On code. This is in line with SAP standard methodology, all enhancements/BADIs are fully owned by the customer and need to evaluate during upgrades for impact or adjustments.

10.2. Activate and Implement BADI

To activate and implement BADI:

- 1. Log in to SAP.
- 2. Run transaction SPRO.
- 3. Click Innovapptive Mobile Solutions, mInventory and select BADI as shown in the image.

For the list of BADIs available for minventory, see List of BADIs for minventory *(on page 97)*.





- 4. Click Execute.
- 5. Alternatively, you can use transaction SE37 and view the function module /INVMIM/ GET_GR_POLIST_FM. This FM is related to service call that gets the Goods Receipts PO list.

Figure 10-3 FM: /INVMIM/GET_GR_POLIST_FM

	₹ E	unction	Module	Edit	<u>G</u> oto	Utilities(1) En <u>v</u> iro	nment	Syste	em <u>H</u> elp	р				
					• «	-	🗟 💽 🖨	ሰ ሌ	\$) (101) 💻		
_															
	Fur	ictio	n Buil	lder:	Displ	ay /IN	VMIM/	'GET_	<u>GR</u>	_POLI	S	_FM			
	⇔⊲	63) <mark>- 1</mark> (1	₫ 🕂	a ⊇ □	1 😨 😨	Patterr	n Pre	tty Printer	r I	Function M	odule Do	ocumentatio	n
F	uncti	on mod	ule		/INVM	IM/GET_	GR_POLIS	r_fm		Active					
	A	ttrib	Import	Export	Changir	ng Tables	Exception	s Sou	irce c						
ſ	/														
		250	+** <i>En</i>	d of c	change:	s Innov	:MINV:5.0	0.0.S1	:ECC	Object:	s				
		251	-* Ge	t the	BADI :	referen	ce								
		252	GET	BADI	lo_bac	di_gr_po	olist.								
		253 🛛	IF	lo_bac	li_gr_l	polist	IS BOUND.								
		254	* Cal	l the	BADI 1	method									
		255	T	RY.											
		256		CAI	L BAD	I lo_ba	li_gr_pol	_ist->q	get_g	r_poli:	st				
		257		Ŀ	XPORT.	ING		-							
		258			im_e	beln	= im_ek	beln							
		259			ım_ae	edat	= im_ae	edat							
		260			it_c	ockpit	= it_co	ockpit							
		261			it_f	ilters	= it_ti	lters							
		262			im_sl	кір	= 1m_sk	cib							
		(F))				1111	= 10010	111							

- 6. Search the function module with the string GET BADI
- 7. Click GET BADI.



8. Double-click the BADI to navigate to the SE18 transaction

Figure 10-4 SE18





Enhancement Spot /INVMIM/ENH_GOODS_RECEIPT Display									
⇐╺┝ '% % 🖻 🍻 🗡 팩 숙 🕌 트 🗊 🚺 😹 🖻 🕞 % 🕮									
Enhancement Spot	/INVMIM/ENH_GOODS_	RECEIPT	Active						
Attrib Enhancem. Implementations Technical									
	BAdI Definition	/INVMIM/BADI_GR_POLIST	E Ech.						
BAdI Definitions Description	Description	BADI defnition for Goods Receipt	PO List						
· 🚍 /INVMIM/BADI_BATCH_(BADI definition batch (Interface	/INVMIM/IF GR POLIST							
• 📟 /INVMIM/BADI_BIN_COLBin Count Items	Usability								
· ₩/INVMIM/BADI_CC_PUSHPush Notifications for (Multiple Use								
· ₩/INVMIM/BADI_GRID_IT BADI definition for God		a SAP-Internally							
· ∰/INVMIM/BADI_GRID_IT GR Inbound Delivery I	Limited Filter Use								
· MINVMIM/BADI_GRID_LISBADI definition for Go	Instance Creation Mode								
· //INVMIM/BADI_GRID_LIGR Inbound Delivery F	Newly Creating Instantia	ation							
· WINNER / NOR AND A CARACTER ANTACTER AND A CARACTER ANTACTER ANT	OReusing Instantiation								
· //INVMIM/BADI_GROD_ITBAdI definition for GR	OContext-Specific Instant	iation							
· ₩/INVMIM/BADI_GROD_LIGet list of Outbound D	O context opecine instant	adon .							
· ₩/INVMIM/BADI_GROD_LIGR Outbound Delivery	Call fallback if no impler	nentation is executed							
· ₩/INVMIM/BADI_GROD_P(BADI definition for God	Fallback Class		1 Gec						
- M /INVMIM/BADI_GRPO_P(BADI definition for Go									
INVMIM/BADI_GRSTO_IBADI definition for Got	Or Implementation Example Classes								
, MINIMIM/DADI_GR_DLV_Hamaing Unit data for									
/INVMIM/BADI_GR_POITBADI definition for Got (INVMIM/BADI_GR_POITBADI definition for Got (INVMIM/BADI_GR_POITBADI definition for Got									
/INVMIN/DADI_GR_POITIGR Puchdsling Docume (INV/MIM/BADI_GR_POITIGR Puchdsling for Goc	g Docume								

10. Enter an appropriate name (starting with Y/Z) for enhancement of spot

implementation. (Follow the naming conventions and standards as per the policies and procedures defined.)

Enhancement Spot /INVMIM/ENH_GOODS_RECEIPT Display				
🗢 🔿 🧐 🛟				
Enhancement Spot Attrib Enhancem. Implementations Technical	/INVMIM/ENH_GOODS_I Details Enh. Spot Elemen	RECEIPT Active t Definiti		
BAdI Definitions Description Alignment BAdI Definitions Description Alignment Alignment Alignment Description Alignment Alignment Description Alignment Description Description	BAdI Definition Description Interface Usability Multiple Use Can only be implemente	/INVMIM/BADI_GR_POLIST BADI defnition for Goods Receipt PO List /INVMIM/IF_GR_POLIST d SAP-internally	En ech.	
• #/INVMI Enhancement Implementation • #/INVMI Short Text • #/INVMI Composite Enhancement Implementation • #/INVMI • #/INVMI	on	ZENH_GOODS_RECEIPT Enhancement Spot Implementation for G	R	

- 11. Enter the package name.
- 12. Enter an appropriate name starting with Y/Z for BADI implementation and any Z/Y name for implementing a class.

🔄 Create BAdI Implementation		×
BAdI Implementation	ZBADI_GIPO_LIST	
Description	Badi Implementation for GI PO	
Implementing Class	ZCL_GIPO_LIST	
		X

13. Click the method as shown in the following screenshot.

Enhancement Implementation ZENH_GOODS_ISSUE Display						
🌾 🔿 🧐 🥵 📫 🏭 🎢 🖷 🕂 🏭 🍜 💷 🗓 💥 🖻 🖺 🎋						
Enhancement Implementation	ZENH_GOODS_	ISSUE	Inactive			
Properties History Technical De	tails 🖉 Enh. Im	plementation Elements				
		Implementing Class				
🖫 BAdI Implementations	Description	Interface	/INVMIM/IF_GIPO_LIST			
ZBADI_GIPO_LIST	Badi Implemer	Implementing Class	ZCL_GIPO_LIST			
• 🗐 Implementing Class		Method		Short Description		
		INVMIM/IF_GIPO_LIST~GET	_GI_POLIST	Get Goods Issue PO List		
		L				

- 14. Click YES.
- 15. Perform the development activity (code changes and enhancements) to meet the business requirements:
 - a. By default, the BADI is initially blank.
 - b. Copy all the lines of the code from the standard Innovapptive-delivered FM / *INVMIM/GET_GR_POLIST_FM* to this section.

The code can now be enhanced by following the standard ABAP development practices.

Cl	Class Builder: Class ZCL_GIPO_LIST Change					
¢	=> 🍄 😘 🖻 🐵 🖆	🗡 🛱 🕂 🚣 🚊 💷 🗓 🛱 🚳 Patter	n Pretty Printer Signature 🖺 Public Section 🛛 🗐 Protected			
Ty.	Parameter	Type spec.	Description			
Þ	value(IM_EBELN)	TYPE EBELN OPTIONAL	Purchasing Document Number			
Þ	value(IM_AEDAT)	TYPE RSDSSELOPT OPTIONAL	Structure of generic SELECT-OPTION for (dynamic selections)			
¢⊞≬	value(CT_POLIST)	TYPE /INVMIM/POLIST_GI_T OPTIONAL	List of GI waiting for GI			
ÞæÞ	value(CS_RETURN)	TYPE BAPIRET2 OPTIONAL	Return Parameter			
Meth	Method /INVMIM/IF_GIP0_LIST~GET_GI_POLIST Inactive					
	1 method /INVM 2 3 4 5 6 endmethod.	IM/IF_GIPO_LIST~GET_GI_POLIST.	If the Badi is at initial lines of the code then copy the all the code from the FM and change the code here accordinly as per requirements once the Badi is implemented all the code inside the FM will not be called instead the code inside the Badi will be called			

c. Activate the BADI implementation (while activating, select all the relevant objects in the activation list).

10.3. Verify BADI Implementation

Note:

Sample screen of GI BADI is displayed in screenshots below to show the steps to implement the BADI for reference purposes only. Use the */INVMIM/GET_GR_POLIST_FM* for the scenario described.

1. Run SE37 and display the function module /INVMIM/GET_GI_POLIST_FM.

Figure 10-5 Function Module: /INVMIM/GET_GI_POLIST_FM



2. Double-click the BADI /INVMIM/BADI_GIPO_LIST

Figure 10-6 BADI: /INVMIM/BADI_GIPO_LIST

Enhancement Spot /INVMIM/ENH_GOODS_ISSUE Display				
⇐ ⇔ % % 🖻 4 グ 적 🕂 🛔 🚊 🗉 🚺] 💥 🗈 🖆 🎋 🖀			
Enhancement Spot /INVMIM/ENH_	GOODS_ISSUE	Active		
Attributes y Enhancem. Implementations y Technic	cal Details / Enn. Spot Eler	nent Definitions		
		BAdI Definition	/INVMIM/BADI_GIPO_LIST	
BAdI Definitions Description		Description	BADI Definition for Goods Issue Purc	
▶ 📟 /INVMIM/BADI_GIO BADI definition for Goods Issue (Outbound Delivery I	Interface	/INVMIM/IF_GIPO_LIST	
▶ m /INVMIM/BADI_GIO Goods Issue Outbound Delivery I	Items Validation/Up	Usability		
Mathematical M	Outbound Delivery	✓ Multiple Use		
/INVMIM/BADI_GIO Goods Issue Outbound Delivery I	List Validation/Udpa	Can only be imple	emented SAP-internally	
INVMIM/BADI_GIO BADI definition for Goods Issue (INVMIM/BADI_GIO BADI DEFINITION FOR GOODS ISSUE (INVMIM/BADI GOO	Dutbound Delivery	Limited Filter Use		
 M / INVMIM/BADI_GIP(BADI Definition for Goods Issue F (INVMIM/BADI_GIP(Goods Isse Puchasing Document) 	Ttem Validation/Up			
INVMIM/BADI_GIP(BADI Definition for Goods Issue F	Purchasing docume	Instance Creation M	ode	
	his	 Newly Creating In 	nstantiation	
▶ m /INVMIM/BADI_GIP Goods Issue Purchasing Documer	nt Header Validatio	OReusing Instantia	tion	
→ 🐖 /INVMIM/BADI_GIP(BADI Definition for Goods Issue F	Purchasing docume	O Context-Specific	Instantiation	

This displays the BADI implementation along with the active or inactive status. 3. Verify the **Implementation is active** check box.

Figure 10-7 Badi Implementation Status

Enhancement Implementation ZENH_GOODS_ISSUE Display					
🏟 🔿 🌮 🥵 📫 🍰 🥕 🖷 🛶 🏯 🧾 💷 🚺 💥 🗈 🙃 🎋					
Enhancement Implementation ZENH_GOODS_ISSUE Active Properties History Technical Details Enh. Implementation Elements Active					
	BadI Implementation	ZBADI_GIPO_LIST	Documentation		
E BAdI Implementations Description	Description	Badi Implementation for GI PO			
A ZBADI_GIPO_LIST Badi Implementation for GI P	Example Implementation	ough Custom.(IMG)			
	Runtime Behavior Implementation is active	This will show implementation	n is		
	Runtime Behavior				

10.4. List of BADIs for mInventory

List of BADIs (Business Add-Ins) available as part of the mInventory SAP ECC Add-on component to enhance the standard functionality with ABAP development.

BADI Name	Method Name	BADI Description
/INVMIM/BIN_COUNT_HEAD- ER	BIN_COUNT	WM Bin Header
/INVMIM/BADI_BIN_COUN- T_ITEMS	BIN_COUNT	WM Bin Items
/INVMIM/BADI_POST_BIN COUNT	BIN_COUNT	WM Bin Posting
/INVMIM/BADI_MATPHYINV LIST	CYCLE_COUNT_MAT	MAT Physical Inventory List
/INVMIM/BADI_MATPHYINV ITEMS	CYCLE_COUNT_MAT	MAT Physical Inventory Items
/INVMIM/BADI_MATPHYINV POST	CYCLE_COUNT_MAT	MAT Physical Inventory Posting
/INVMIM/BADI_HUPHYINV LIST	CYCLE_COUNT_HU	HU Physical Inventory Header
/INVMIM/BADI_HUPHYINV ITEMS	CYCLE_COUNT_HU	HU Physical Inventory Items
/INVMIM/BADI_HUPHYINV POST	CYCLE_COUNT_HU	HU Physical Inventory Posting
/INVMIM/BADI_GIOD_LIST	GOODS_ISSUE	Outbound Delivery Header
/INVMIM/BADI_GIOD_ITEMS	GOODS_ISSUE	Outbound Delivery Items
/INVMIM/BADI_GIOD_POST	GOODS_ISSUE	Outbound Delivery Posting
/INVMIM/BADI_ORDER HEADER	GOODS_ISSUE	Order Header
/INVMIM/BADI_ORDER_ITEM	GOODS_ISSUE	Order Items

Table 10-1 BADIs in mInventory Application

Table 10-1 BADIs in mInventor	y Application (continued)

BADI Name	Method Name	BADI Description
/INVMIM/BADI_POST_GI_OR- DERS	GOODS_ISSUE	Order Posting
/INVMIM/BADI_GIPO_LIST	GOODS_ISSUE	STO Header
/INVMIM/BADI_GIPO_ITEMS	GOODS_ISSUE	STO Items
/INVMIM/BADI_GIPO_POST	GOODS_ISSUE	STO Posting
/INVMIM/BADI_PO_LIMITS	GOODS_RECEIVING	PO Limits
/INVMIM/BADI_SERVICE LINES	GOODS_RECEIVING	Sub Services
/INVMIM/BADI_GRID_LIST	GOODS_RECEIVING	Inbound Delivery Header
/INVMIM/BADI_GRID_POST	GOODS_RECEIVING	Inbound Delivery Posting
/INVMIM/BADI_GRID_ITEMS	GOODS_RECEIVING	Inbound Delivery Items
/INVMIM/BADI_GROD_LIST	GOODS_RECEIVING	Outbound Delivery Header
/INVMIM/BADI_GRID_ITEMS	GOODS_RECEIVING	Outbound Delivery Items
/INVMIM/BADI_GROD_POST	GOODS_RECEIVING	Outbound Delivery Posting
/INVMIM/BADI_GR_POLIST	GOODS_RECEIVING	PO Header
/INVMIM/BADI_GR_POITEMS	GOODS_RECEIVING	PO Items
/INVMIM/BADI_GRPO_POST	GOODS_RECEIVING	PO Posting
/INVMIM/BADI_GR_STOLIST	GOODS_RECEIVING	STO Header
/INVMIM/BADI_GR_STOITEM	GOODS_RECEIVING	STO Items
/INVMIM/BADI_GRSTO_POST	GOODS_RECEIVING	STO Posting
/INVMIM/BADI_PACKING_LIST	PACKING	packing Header
/INVMIM/BADI_PACKING ITEMS	PACKING	packing Items
/INVMIM/BADI_PACKING POST	PACKING	Packing Header
/INVMIM/BADI_PICKING_LIST	PICKING	Picking Header

Table 10-1 BADIs in mInventor	y Application ((continued)

BADI Name	Method Name	BADI Description
/INVMIM/BADI_PICKING ITEMS	PICKING	Picking Items
/INVMIM/BADI_PICKING POST	PICKING	Picking Posting
/INVMIM/BADI_PUTAWAY LIST	PUTAWAY	Putaway Header
/INVMIM/BADI_PUTAWAY ITEMS	PUTAWAY	Putaway Items
/INVMIM/BADI_PUTAWAY POST	PUTAWAY	Putaway Posting
/INVMIM/BADI_GET_BINS- TOCK	STOCK_OVERVIEW	Bin Stock
/INVMIM/BADI_OPENTO_LIST	TO_CONFIRM	TO Header
/INVMIM/BADI_OPENTO_ITEM	TO_CONFIRM	TO Items
/INVMIM/BADI_OPENTO CONFIRM	TO_CONFIRM	TO Posting
/INVMIM/BADI_STORAGE BINS	TRANSFER_POSTING	Storage Bins
/INVMIM/BADI_BIN_TO_BIN	TRANSFER_POSTING	Bin to Bin posting
/INVMIM/BADI_PLANT_STOCK	STOCK_OVERVIEW	Plant stock
/INVMIM/BADI_MATDOC HEADER	GOODS_RECEIVING	Material Doc Header
/INVMIM/BADI_MATDOC ITEMS	GOODS_RECEIVING	Material Doc Item
/INVMIM/BADI_INV_AUDIT ITEM	CONINV_AUDIT	Audit Item Screen
/INVMIM/BADI_INV_AUDIT LIST	CONINV_AUDIT	Audit Header Screen

Table 10-1 BADIs in mInventory Application (continued	I)
-------------------------------------------------------	----

BADI Name	Method Name	BADI Description	
/INVMIM/BADI_SERVICE PO_HDR	SERVICE_CONF	Service PO Header	
/INVMIM/BADI_SERVICE PO_ITEMS	SERVICE_CONF	Service PO Item	
/INVMIM/BADI_SCSO_POST	SERVICE_CONF	Service PO Posting	
/INVMIM/BADI_GI_RESERV HEADER	GOODS_ISSUE	Reservation Header	
/INVMIM/BADI_GI_RESERV ITEMS	GOODS_ISSUE	Reservation Item	
/INVMIM/BADI_POST_GI RESERVATN	GOODS_ISSUE	Reservation Posting	
/INVMIM/_GI_BADI_MAT- DOC_HDR	GOODS_ISSUE	Material Doc header	
/INVMIM/BADI_GI_MAT- DOC_ITEMS	GOODS_ISSUE	Material Doc item	
/INVMIM/BADIGR REVERSAL_POLIST	GOODS_RECEIVING	Return Delivery Header	
/INVMIM/BADI_VNDRRE- TURN_POST	GOODS_RECEIVING	Return Delivery Posting	
/INVMIM/BADI_MATDOC REVERSAL	GOODS_RECEIVING	Material Document Reversal	
/INVMIM/BADI_CONTAINER LIST	REMOTE_LOGISTICS	Containers list	
/INVMIM/BADI_DELVRY_CNT- NR_LIST	REMOTE_LOGISTICS	Delivery Container List	
/INVMIM/BADI_LOADING AREASLIST	REMOTE_LOGISTICS	Loading Area List	
/INVMIM/BADI_DELIVERY_LIST	REMOTE_LOGISTICS	Delivery List	

Table 10-1 BADIs in mInventor	y Application (continued)

BADI Name	Method Name	BADI Description
/INVMIM/BADI_LDAREA_CNT- NR_LIST	REMOTE_LOGISTICS	Delivery Loading Area List
/INVMIM/BADI_LDAREA DELV_LIST	REMOTE_LOGISTICS	Shipment Loading Area List
/INVMIM/BADI_LDAREA SHIPM_LIST	REMOTE_LOGISTICS	Shipment list
/INVMIM/BADI_BATCH_S- TOCK	STOCK_OVERVIEW	Batch Stock
/INVMIM/BADI_STORAGE LOC_STOCK	STOCK_OVERVIEW	Storage Location Stock
/INVMIM/BADI_INV_AUDIT BOM	CONINV_AUDIT	BOM Items
/INVMIM/BADI_INV_AUDIT CREATE	CONINV_AUDIT	Inventory Audit Create
/INVMIM/BADI_DELVRY ITEM_LIST	REMOTE_LOGISTICS	Delivery Items
/INVMIM/BADI_SERV_PO ITEM_SERV	SERVICE_CONF	Service Contact Item
/INVMIM/BADI_SO MASTER_LIST	SERVICE_CONF	Service Master
/INVMIM/BADI_SO_CON- TRACTS_DET	SERVICE_CONF	Service Contract Item
/INVMIM/BADI_CONTRACT HEADER	SERVICE_CONF	Service Contract Header
/INVMIM/BADI_GR_IDLIST FM	EWM_GRID	EWM GRID Header details
/INVMIM/BADI_GR_IDLITEMS	EWM_GRID	EWM GRID Item Details
/INVMIM/BADI_GR_ID_POS	EWM_GRID	EWM GRID Posting

Table 10-1 BADIs in mInventor	y Application (continued)

BADI Name	Method Name	BADI Description
/INVMIM/BADI_HU_LIST	EWM_GRID	EWM GRID HU List
/INVMIM/BADI_VEND_DET EWM	EWM_GRID	EWM Vendor Details
/INVMIM/ENH_BADI_TR_DE- TAILS	PUTAWAYTR	Get TR Details
/INVMIM/ENH_BADI_TR_LIST	PUTAWAYTR	Get list of TR's
/INVMIM/ENH_BADI_TO CREATE	PUTAWAYTR	Create TO from TR
/INVMIM/BADI_DELVRY_CNT- NR_LIST	REMOTE_LOGISTICS	Delivery to container list
/INVMIM/BADI_ATTACHMEN- T_DELIV	REMOTE_LOGISTICS	Attachment information
/INVMIM/RLM_BADI_NOTE CREATE	REMOTE_LOGISTICS	Get Note Create
/INVMIM/BADI_CONTAINER LIST	REMOTE_LOGISTICS	Get the container list
/INVMIM/BADI_CNTRN_SHIP- M_LIST	REMOTE_LOGISTICS	Get the Shipment list
/INVMIM/BADI_DELVRY ITEM_LIST	REMOTE_LOGISTICS	Get the delivery item list
/INVMIM/BADI_DELIVERY_LIST	REMOTE_LOGISTICS	Get packing delivery data
/INVMIM/BADI_LDAREA_CNT- NR_LIST	REMOTE_LOGISTICS	Get load area container list
/INVMIM/BADI_LDAREA DELV_LIST	REMOTE_LOGISTICS	Loading area Delivery data
/INVMIM/BADI_LDAREA SHIPM_LIST	REMOTE_LOGISTICS	Get the Shipment list

Table 10-1 BADIs in r	minventory Ap	oplication (continued)
	/		

BADI Name	Method Name	BADI Description	
/INVMIM/BADI_LOADING AREASLIST	REMOTE_LOGISTICS	Get loading areas list	
/INVMIM/BADI_PACK02_CN- TR_LIST	REMOTE_LOGISTICS	Get the container list	
/INVMIM/BADI_PACK04_DEL- RY_LIST	REMOTE_LOGISTICS	Get packing delivery data	
/INVMIM/BADI_PAK04_SH- P_LIST	REMOTE_LOGISTICS	Get the Shipment list	
/INVMIM/BADI_PAK4_DEL_IT- M_LIST	REMOTE_LOGISTICS	Get the delivery item list	
/INVMIM/BADI_SHIPMENT LIST	LOADING_AREA	Get the shipment list	
/INVMIM/BADI_LOADING AREA_CRE	LOADING_AREA	Create Loading Area	
/INVMIM/BADI_STORAGE BIN_CREAT	STORAGEBIN	create Storage Bin	
/INVMIM/BADI_DASH- BOARD_GR	DASHBOARD_GR	Get the count for GR dash- board	
/INVMIM/BADI_GR_COUNT	GOODS_RECIEVING	Get SAP Vs Mobile Count for GR	
/INVMIM/BADI_CYCLE COUNT	CYCLE_COUNT_MAT	Get SAP Vs Mobile Count for Cycle Count	
/INVMIM/BADI_LBL_PRINT HEADER	LABEL_PRINTING	To get Material Document Header	
/INVMIM/BADI_LBL_PRINT ITEMS	LABEL_PRINTING	To get Material Document Item Details	
/INVMIM/BADI_LBL_PRINTER- LIST	LABEL_PRINTING	To get Printer List	
/INVMIM/BADI_LBL_PRINT- DOC	LABEL_PRINTING	To Print Documents	

BADI Name	Method Name	BADI Description
/INVMIM/BADI_MATERIAL LIST	/INVMIM/MATERIAL_LIST	Get List of Materials
/INVMIM/BADI_STORAGE BIN_UPDAT	/INVMIM/STORAGE_BIN_UP- DATE	Storage Bin Update
/INVMIM/BADI_GR BLOCKED_STOCK	/INVMIM/GET_GR BLOCKED_STOCK	Get list of Blocked Stock Mat- Doc List
/INVMIM/BADI_BLCKDSTCK RELEASE	/INVMIM/RELEASE_BLCKD_S- TOCK_FM	Release GR Blocked Stock
/INVMIM/BADI_REV_PICK HEADER	REVERSE_PICKING	Reverse Picking Header List
/INVMIM/BADI_REVERSE PICKING	REVERSE_PICKING	ReversePicking Items
/INVMIM/BADI_REV_PICK POST	REVERSE_PICKING	To Post Reverse Picking
/INVMIM/BADI_TO_LABELS	TO_CONFIRM	To get Delivery Labels
/INVMIM/BADI_MAT_DOC HEADER	MAT_DOC_DISPLAY	To get Matdoc header
/INVMIM/BADI_MAT_DOC ITEMS_GET	MAT_DOC_DISPLAY	To get Matdoc item details.
/INVMIM/ENH_USR_SYSTM DETAILS	USER_PROFILE	To get user profile
/INVMIM/BADI_CREATE SHIPMT	SHIPMENT	1. Shipment posting 2. Shipment Update 3. Getting open deliveries

Table 10-1 BADIs in mInventory Application (continued)

Table 10-1 BADIs in mInventory Application (continued)

BADI Name	Method Name	BADI Description
/INVMIM/BADI_IM_PICKING	IM_picking	1. IM Picking 2. Deliveries and Item De- tails
/INVMIM/BADI_STOCK_BIN MATERIA	STOCK_overview	Method for stock overview for storage bin material
/INVMIM/BADI_HU_LBL PRINT	HU_HEADER_DETAILS	BADI for Handing Unit Label Printing
/INVMIM/BADI_HU_LBL PRINT	HU_ITEM_DETAILS	BADI for Handing Unit Label Printing
/INVMIM/BADI_HANDLIN- GUNITS	GET_HANDLINGUNITS	BADI Definition for Handling units list
/INVMIM/BADI_HUPUTAWAY	POST_HUPUTAWAY	BADI Definition for HU Putaway
/INVMIM/BADI_BLCKDS- TOCK_COMPS	GET_BLOCKEDSTOCK_COM- PS	BADI Definition for Blocked Stock Components
/INVMIM/GR_SUBCONTRACT	GET_ITEMS	BADI Definition for GR Subcon- tract
/INVMIM/GR_SUBCONTRAC- T[TD1]	GET_COMPONENTS	BADI Definition for GR Subcon- tract
/INVMIM/GR_SUBCONTRACT	POST_DOCUMENT	BADI Definition for GR Subcon- tract
/INVMIM/BADI_ATTACHMN- T_MAT_DOC	ATTACHMNT_MAT_DOC	Attachment material Doc cre- ate
/INVMIM/BADI_GRID_PRO- CESS	GRID_DELIVERIES	List of Open Inbound Deliveries
/INVMIM/BADI_GRID_PRO- CESS	GRID_DELITEMS	List of Delivery Item Details
/INVMIM/BADI_GRID_PRO- CESS	GRID_POST	Posting Goods Receipt for In- bound Delivery

Table 10-1 BADIs in mInventor	y Application	(continued)

BADI Name	Method Name	BADI Description
/INVMIM/BADI_PUTAWAY CONF	WHOLIST_ID	Warehouse Orders list - In- bound Delivery
/INVMIM/BADI_PUTAWAY CONF	WHOTASKS_ID	Warehouse Order Tasks - In- bound Delivery
/INVMIM/BADI_PUTAWAY CONF	WHOPOST_ID	Warehouse Order Confirmation - Posting
/INVMIM/BADI_GIOD_PRO- CESS	GIOD_DELIVERIES	List of Open Outbound Deliver- ies
/INVMIM/BADI_GIOD_PRO- CESS	GIOD_DELITEMS	List of Delivery Item Details
/INVMIM/BADI_GIOD_PRO- CESS	GIOD_POST	Posting Goods Issue for Out- bound Delivery
/INVMIM/BADI_CUSTOM DROPDOWN	CUSTOM_DROPDOWN	Custom drop down
/INVMIM/BADI_DD_BATCHS	GET_BATCHES	List of Batches for a Material
/INVMIM/BADI_GR_PRD_OR- DER	GR_PRD_DETAILS	GR Production order list and item
/INVMIM/BADI_GR_PRD_OR- DER	GR_PRD_POST	GR Production order posting
/INVMIM/BADI_ATTCHM TO_CONF	ATTACHMENT_TO_CONF	Attachment for TO confirma- tion
/INVMIM/BADI_GRID REVERSAL	GRID_REVERSAL_POST	Method for GR Inbound Deliv- ery reversal post
/INVMIM/BADI_GRID REVERSAL	GRID_REVERSAL_LIST	Method for GR Inbound Deliv- ery reversal list
/INVMIM/BADI_GRID REVERSAL	GRID_REVERSAL_ITEM	Method for GR Inbound Deliv- ery reversal items
/INVMIM/BADI_GR REVERSAL_COMPS	GET_GR_REVSL_POCOMPS	Method to get Components of GR Reversal

Table 10-1 BADIs in mInventor	у Ар	plication	(continued)
-------------------------------	------	-----------	-------------

BADI Name	Method Name	BADI Description
/INVMIM/BADI_PUTAWAY_IB- DEL	GET_IBDEL	List of Inbound Deliveries
/INVMIM/BADI_PUTAWAY_IB- DEL	GET_IBDELITEMS	Inbound Delivery Items
/INVMIM/BADI_PUTAWAY_IB- DEL	POST_PUTAWAY	Creating Putaway for Delivery
/INVMIM/BADI_PICKING_OB- DEL	GET_OBDEL	List of Outbound Deliveries
/INVMIM/BADI_PICKING_OB- DEL	GET_OBDELITEMS	Outbound Delivery Items
/INVMIM/BADI_PICKING_OB- DEL	POST_PICKING_OBDEL	Creating Picking for outbound delivery
/INVMIM/BADI_PUTAWAY CONF	WHOLIST_ID	Warehouse Orders list - In- bound Delivery
/INVMIM/BADI_PUTAWAY CONF	WHOTASKS_ID	Warehouse Order Tasks - In- bound Delivery
/INVMIM/BADI_PUTAWAY CONF	WHOPOST_ID	Warehouse Order Confirmation - Posting
/INVMIM/BADI_PCK_UN- PCK_PROCESS	GET_IBDEL	Get Inbound Deliveries
/INVMIM/BADI_PCK_UN- PCK_PROCESS	GET_IBDELITEMS	Get Inbound Delivery Items
/INVMIM/BADI_PCK_UN- PCK_PROCESS	POST_PCKUNPCK	Posting Pack and Unpack
/INVMIM/BADI_CC_PHYS HEADER	CC_PHYS_HEADER	Method for CC Physical Inven- tory Header
/INVMIM/BADI_CC_PHYS ITEM	CC_PHYS_ITEM	Method for CC Physical Inven- tory Items

BADI Name	Method Name	BADI Description
/INVMIM/BADI_CC_PHYS ITEM	CC_PHYS_POST	Method for CC physical Inven- tory post
/INVMIM/BADI_KITTING_S- TAGING	• KITTING_LIST • KITTING_ITEM • KITTING_POST • SPCC_WO_LIST	 List of Work Orders List of Work Order Items Post Work Order List of Work Orders - SPCC

Table 10-1 BADIs in mInventory Application (continued)
11. Generate Secondary Indices

To improve the application performance, for tables containing large amounts of data, generate secondary indices for key tables relevant for the product.

Note:

1

Ensure you have ABAP Developer access to ECC system with authorization to maintain tables and set up table indexes.

Table	Field for Secondary Index
MARA	VHART
ЕКВЕ	MATNR, WERKS
IKPF	BLDAT, GIDAT, ZSTAT, DSTAT, LSTAT
IKPF	DSTAT, LSTAT
IKPF	BLDAT, GIDAT, ZSTAT, LSTAT
IKPF	ZSTAT, DSTAT, LSTAT
IKPF	ZSTAT, LSTAT
νττκ	TPLST, SHTYP
VEKP	VHILM, PACKVORSCHR, STATUS
VTFA	VBELV, POSNV, VBTYP_V
/SCDL/DB_PROCI_I	DOCCAT, /SCWM/WHNO, PRODUCTNO
VBUK	коѕтк
MSEG	BWART, BUDAT_MKPF
EQBS	B_WERK, B_LAGER
EQUI	MATNR
LTAP	VBELN

Table 11-1 Secondary Indices - Table and Field

11.1. Create Secondary Index

To create secondary index:

- 1. Log in to SAP ECC.
- 2. Go to transaction SE11.
- 3. Enter the Table name.
- 4. Click **Display** to view the table.
- 5. Click Indexes.

Figure 11-1 Display Table - Indexes

🖙 Table <u>E</u> dit <u>G</u> ote	to Utilities(M) Extra	as Environment System I	Help		
Dictionary: Dis	splay Table				
🗢 🔿 🌮 😘 📫	🗛 🗡 🔶 🗛 🚊	🔲 🚺 📴 🛄 Technical S	Settings Indexes Append Strue	tture	
Transp. Table	Z24_WOTYPE Ac	tive			
s Crindices for Table 22					×
Ind Ex. Short text	2 P - 2 - 78 - 1	Status Unique Author	r Date DB index nam	e D IE DBS DBS DBS DBS	
					X

- 6. Click Create and select Create Index.
- 7. Enter the Index Name.

Figure 11-2 Create Index - Index Name

Image: Contract of the second seco	r <u>a</u> s Environment System <u>H</u> elp 중 한 1 을 해 많 1 한 다 주 차 하 기 등	T ©		
Dictionary: Display Table				
🗢 🔿 🌮 😘 🔁 🎜 🧪 🔶 🗛 🖻	🗜 💷 🚺 📴 🛄 Technical Settings 🛛 In	ndexes Append Structure		
Transp. Table Z24_WOTYPE A S Image: Comparison of the second	ctive			
Ind Ex Create Index Table Name 224 NOTYP Index Name 226	Unque Author Da	te DB index name	d ie dbs dbs dbs dbs	

- 8. Enter description in the displayed fields.
- 9. Select **Table Fields** option to enter the Field name.

Figure 11-3 Table Fields



10. Select the required field for secondary index and click **Copy**.



11. Click Activate.

Figure 11-5 Activate Index

ctionary: Display Tabl	,				
⇒ % % 🖻 & ℤ 🗧	A 差 💷 🗓 📴 🖩	Technical Setting	Indexes Append Structur	3	
Table 724 WOTYPE	Active				
ndices for Table Z24_WOTYPE	neare				×
			0		
Ex Short text	Status Ur	nique Author	Date DB index name	D IE DBS DBS DBS DBS	
secondary index	Active	E5000151	28.11.2016 Z24_WOTYPE~2	OR E	
					××
					 X
					 XX
					 XX
					X
					YX
					XX

12. Download App and Install

Download the latest version of mInventory app from Apple App Store, Google Play or the Microsoft Store and install it on your devices.