

# **Reference Data Management**

## for SAP Master Data Governance

### **Installation and Upgrade**



Version: 04.12.2025 RDM 2511

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## 1 Introducing Reference Data Management

**Note:** Please read the complete Installation Guide before starting the installation or the upgrade and create backups of your systems.

Reference Data Management (RDM) for SAP MDG provides the harmonization (RDH) and governance (RDG) of reference data using pre-delivered reference data objects, user interfaces, workflows and the replication of reference data to business applications. For SAP based business applications (ERP or S/4 based) RDM delivers a local staging area which is installed on the business system and can be used as one option to receive and forward the reference data within the system landscape.

The sections and figures below provide an overview about the different deployment and connectivity scenarios. Important to understand is that RDM software components are installed on sender as well as receiver systems. The sender is not only restricted to SAP MDG but can be any SAP ERP, S/4 or non-SAP system and the receiver is not restricted to SAP ERP or SAP S/4, the SAP MDG system can be a receiver as well.

These scenarios are just listed to illustrate the possible scenarios and do not have an impact on the software components to be installed on SAP MDG and on SAP ERP or S/4 systems. There is a fixed set of four software components (ITO, ITR, ITU and ITG) to be installed on SAP MDG and a subset consisting of two software components (ITO and ITG) to be installed on the SAP Business Systems (ERP or S/4).

The figure below shows the components of RDM and their relation to components of SAP MDG. The Master Data Framework (MDF) builds the foundation and Reference Data Harmonization (RDH) and Reference Data Governance (RDG) deliver the main functionalities and possible scenarios are explained in more detail in the next chapters.

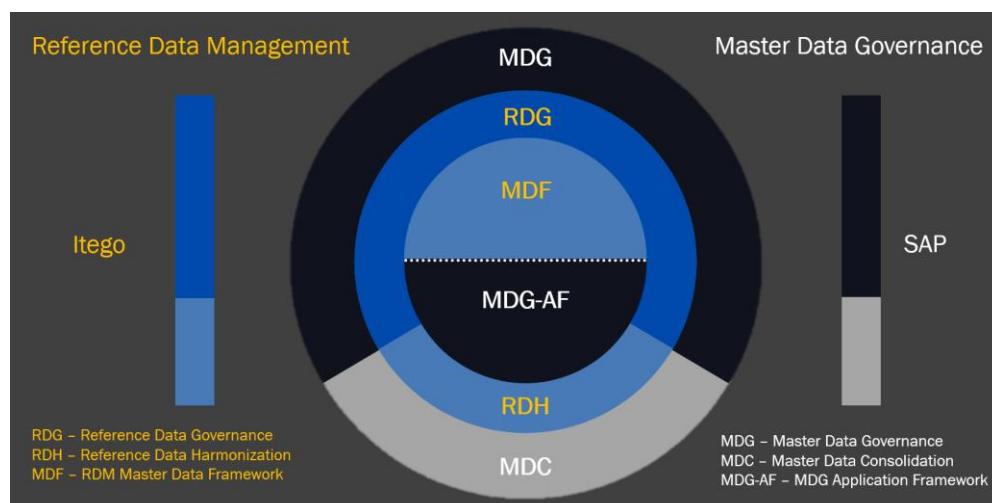


Figure 1: Components of Reference Data Management

## 1.1 Reference Data Harmonization (RDH)

Reference Data Harmonization (RDH) helps to create consolidated reference data which can be synchronized. It can be used without RDG on SAP MDG but it is recommended to use RDG on SAP MDG to take advantage of additional features for the controlled governance of reference data. In a first step reference data is consolidated in a central system which ideally is the SAP MDG system with RDM (consisting of RDG and RDH) installed as shown below. In this step the Business Systems are the senders and the SAP MDG system is the receiver.

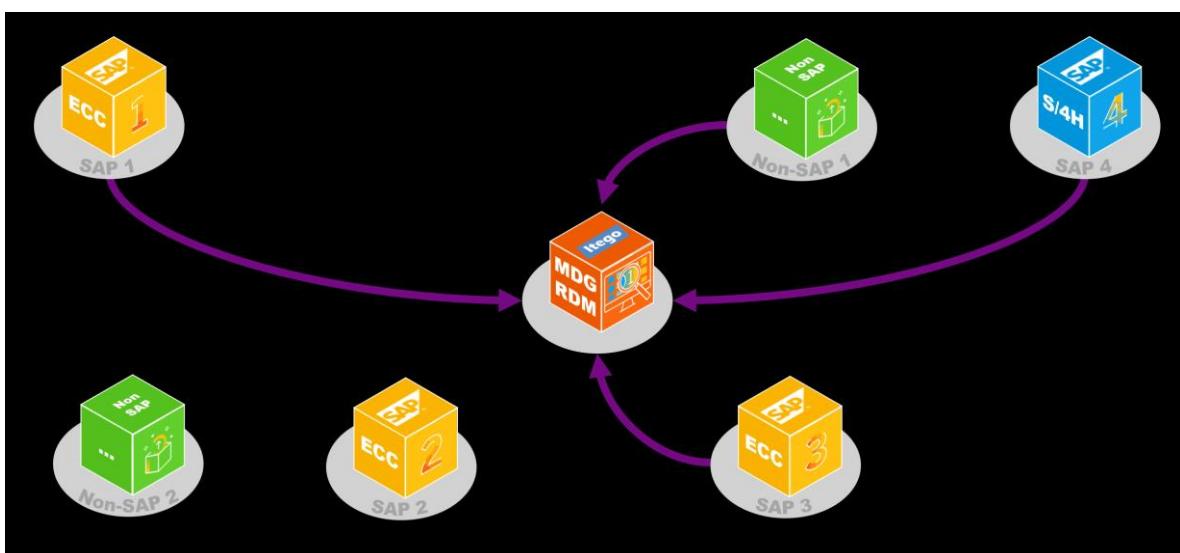


Figure 2: Harmonization Step 1 - Consolidation

In a second step reference data is synchronized (SAP MDG as the sender and Business Systems as receivers) and more data can be consolidated.

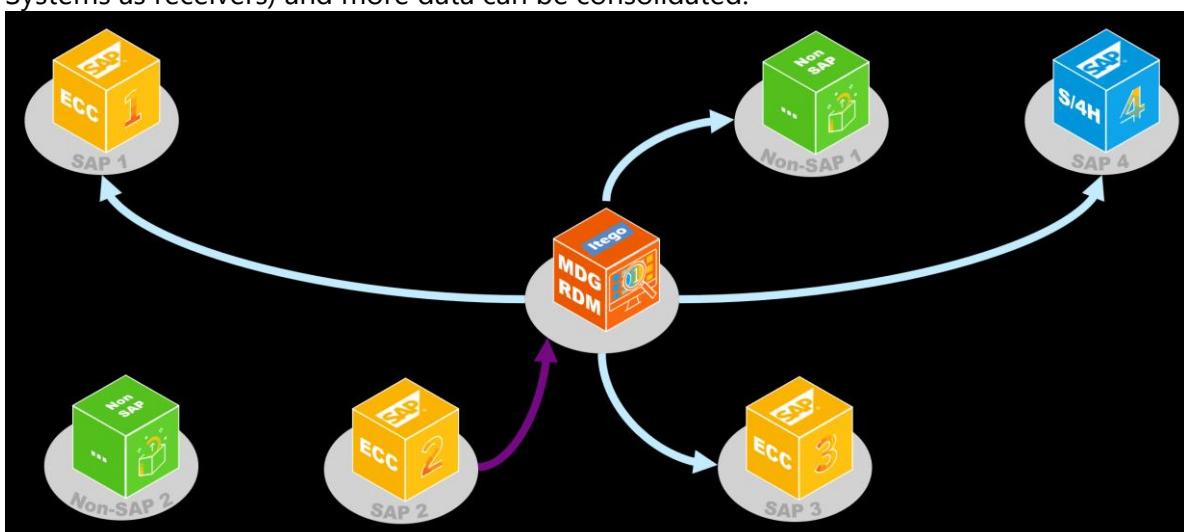


Figure 3: Harmonization Step 2 - Synchronization

The last figure below shows the deployment options with regards to development, test and productive systems.

The Sender Cockpit is installed on development systems and delivers functionalities for configuration, replication and monitoring. It is used for consolidation (as a sender of data that shall be consolidated in a receiver) as well as synchronization (as a sender of data that shall be replicated to consuming system that use this data as provided by the sender).

The Receiver Cockpit helps to consolidate reference data (as a receiver on a development system) or helps to activate data on consuming systems (on development systems).

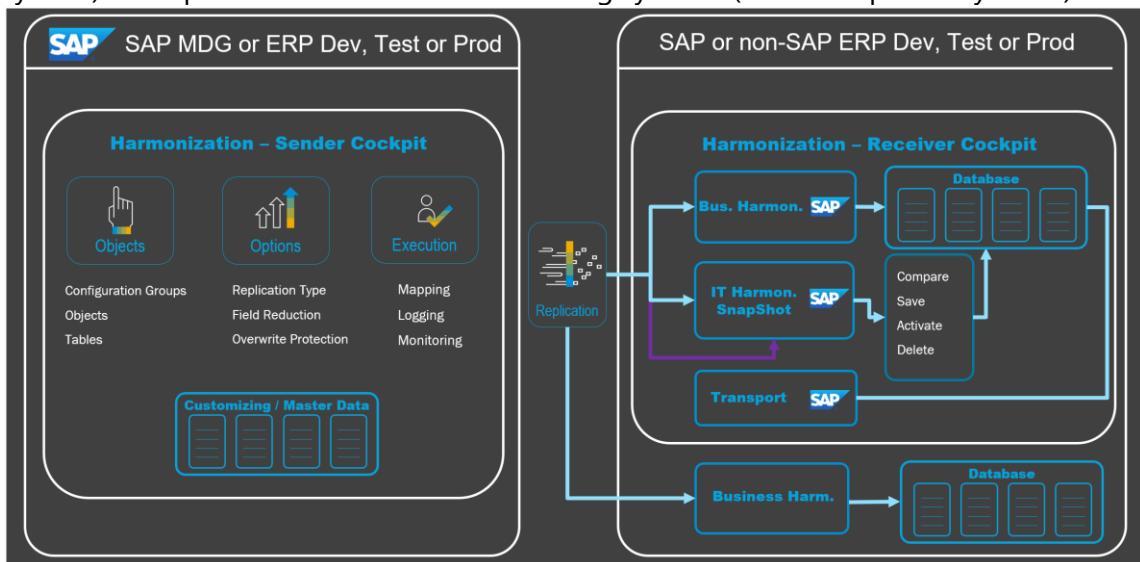


Figure 4: Harmonization – Deployments, Replication and Functions

On top of this RDM delivers functionalities to send reference data (in cases which are based on objects which are master data and not configuration or customizing data) directly to productive systems. Examples for the latter are Exchange Rates, Classification or any reference data object type which is replicated using the "Business Controlled Governance Alternative" (see following section about RDG).

## 1.2 Reference Data Governance (RDG)

Reference Data Governance (RDG) is based on SAP Master Data Governance (MDG) which provides a framework with functions for the (workflow driven) maintenance of master data and reference data.

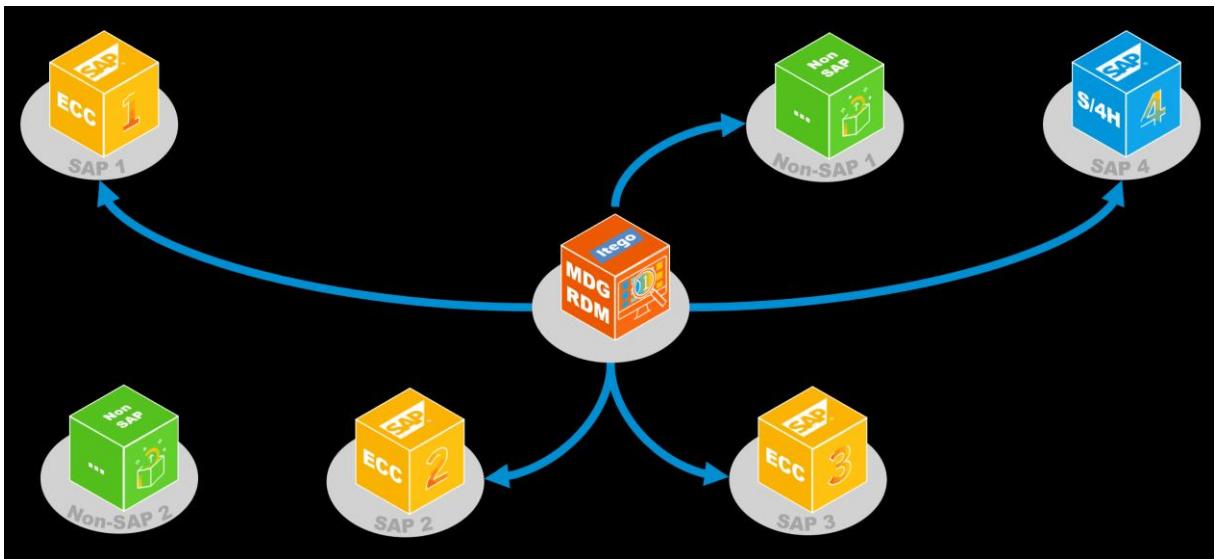


Figure 5: Governance – Workflow Driven Maintenance and Data Replication

Reference data is replicated either in a “Business Controlled Governance Alternative” which means to replicate reference data in the same fashion as master data. Mainly from the SAP MDG production system to productive business application systems but also to test or development systems if needed.

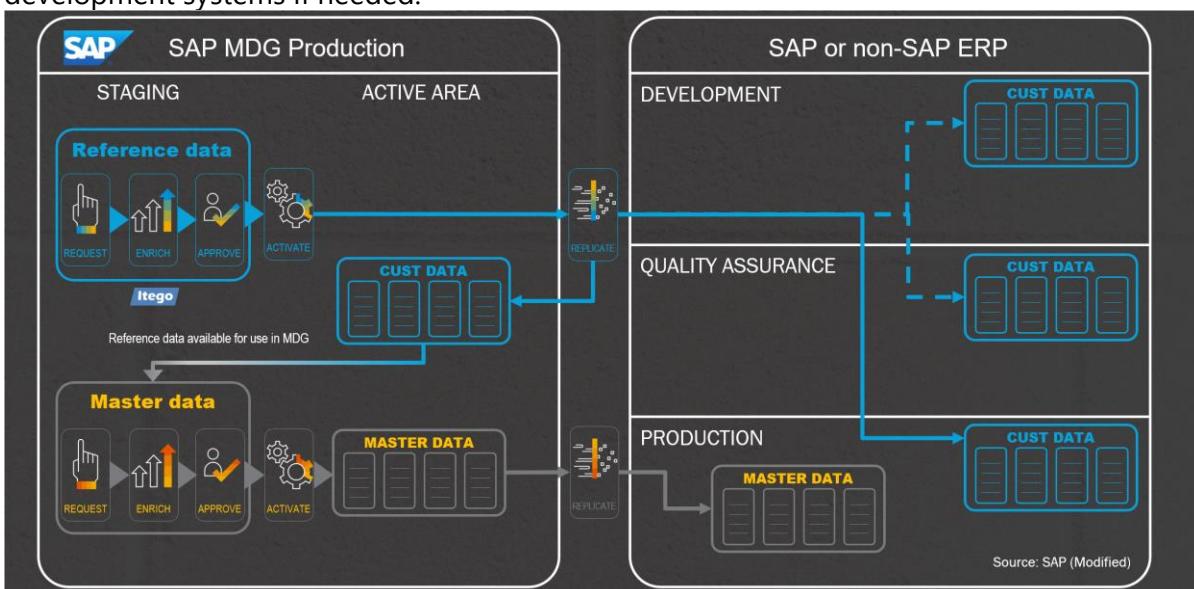


Figure 6: Governance – Business Controlled Governance Alternative

In the second scenario (Full IT Governance Alternative) data is sent to a Local Staging Area (delivered by RDM) installed on the SAP based receiving systems (development systems). From there SAP basis technology is used (SAP transports) to propagate the data from development to production systems.

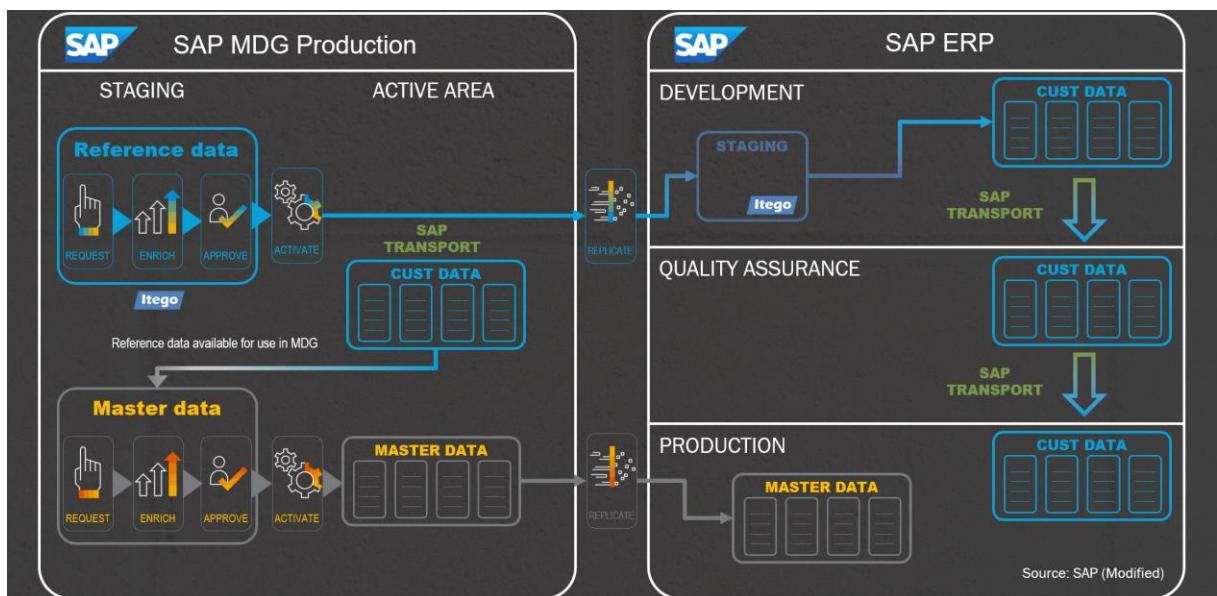


Figure 7: Governance – Full IT Governance Alternative

In order to orchestrate the propagation of data from development systems to production systems, the RDM integration to SAP Solution Manager can be used. In this scenario the SAP Solution Manager helps to control the roll-out of this data to all production systems.

This includes the SAP MDG system where reference data (of type configuration data) is stored in MDG only before it arrives via the SAP transport mechanism in the SAP Business Application Layer on the productive system. Only after this it also can be used as reference data for other applications that might be installed on the SAP MDG system.

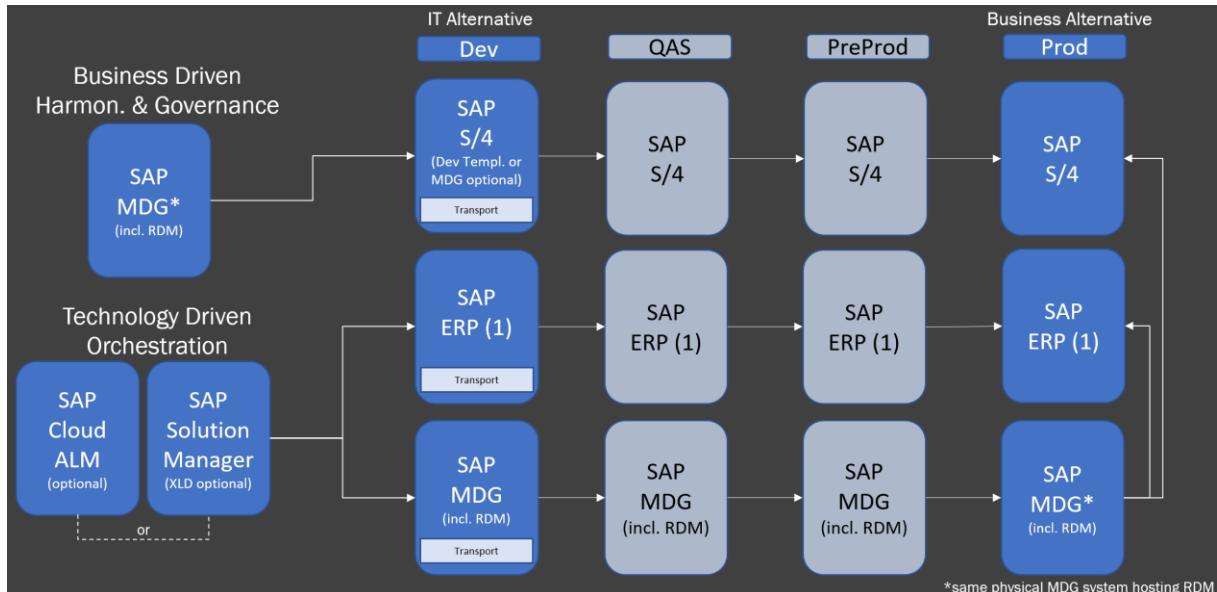


Figure 8: Harmonization and Governance – Cloud ALM and Solution Manager Integration

This scenario is not needed for reference data which is master data (for example Exchange Rates or Classification).

### 1.3 Software Components of Reference Data Management

RDM is installed as an SAP Add-On and contains four Software Components

- ITG, "Generic Framework"
  - o installed on SAP MDG and on SAP based receiving systems
- ITU, "MDF Utility Objects"
  - o installed on SAP MDG
- ITO, "Reference Data Management Local Staging"
  - o installed on SAP MDG and on SAP based receiving systems
- ITR, "Reference Data Management"
  - o installed on SAP MDG

All components need to be installed on the SAP MDG system and only a subset (ITO and ITG) need to be installed on the SAP Business Systems.

Language Support:

- English (EN)
- German (DE)
- French (FR)

In order to obtain more information about planned language support or to request new languages please contact: [support@itego.de](mailto:support@itego.de) - Subject: "RDM Languages".

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## 2 Versions and Prerequisites

The following software component versions are delivered with this release:

- ITR 805, SP13, Reference Data Management
- ITO 805, SP14, Reference Data Management Local Staging
- ITG 805, SP14, Generic Framework
- ITU 805, SP07, MDF Utility Objects

Software Component versions (minimum) required for RDM Software Component ITR

- SAP\_BASIS 755, SP03
- MDG\_FND 805, SP05
- MDG\_APPL 805, SP05
- ITO 805, SP14

Software Component version (minimum) required for RDM Software Component ITO

- SAP\_BASIS 750, SP25
- S4CORE 106 SP02 or SAP\_APPL 618 SP11

Software Component version (minimum) required for RDM Software Component ITG

- SAP\_BASIS 750, SP25
- S4CORE 106 SP02 or SAP\_APPL 618 SP11

Software Component versions (minimum) for RDM Software Component ITU

- SAP\_BASIS 755, SP03
- MDG\_FND 805, SP05
- MDG\_APPL 805, SP05

### 3 Installation or Upgrade

The following section provides an overview of the installation and upgrade steps which have to be executed on the SAP MDG and the SAP Business Systems. Installation means to install all delivered files for all software component versions. Upgrade means to install all delivered files which are necessary to upgrade from the current software component versions to the target versions.

Please make sure that you do create backups before you install or upgrade and ensure that after the installation or upgrade necessary configuration steps are carried out based on the Configuration Guide for RDM. Even for an upgrade there are usually at least some additional BC Sets to be activated.

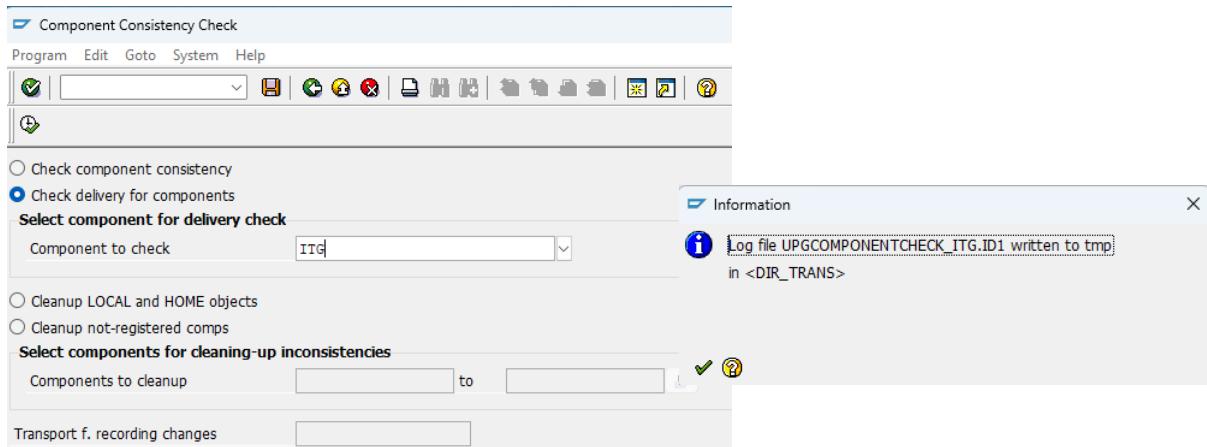
In the case of an upgrade, please consider SAP note 2318321 "Differences in SUM for the rescue of Non-SAP objects between load and delta procedure".

**Note:** If you plan an SAP S/4 upgrade, you have to ensure that the latest RDM version is installed. This is the only way to ensure that RDM patches which have been installed will remain in your system. For this, execute program `/ITG/CHECK_DELIVERY` before you start the upgrade process.

Please do the check for all software components which are delivered with Itego RDM:

- ITG, ITU, ITO, ITR for the MDG system
- ITG and ITO for the business systems

Send the generated log files to [support@itego.de](mailto:support@itego.de) and request the archives which are required for the upgrade.



## 3.1 SAP MDG System

RDM installed on the SAP MDG (in contrast to RDM installed on SAP Business Systems described in the next section) require all delivered software components to be installed if Reference Data Governance (RDG) shall be used. If only Reference Data Harmonization (RDH) shall be used, the installation steps are the same as for the SAP Business Systems. In this case you should not install the files contained in the archive for RDG. See the following sections for more details.

### 3.1.1 Upload Installation or Upgrade files

Please use SAINT to run a new RDM 805 installation or run SPAM if an RDM 805 upgrade is to be installed. For your reference take a look at the installation example in chapter 0.

Installation or Upgrade files are delivered as archive files (using the SAR format). For the RDM components on the MDG system use one or more of the following archives (for RDG two, for RDH without RDG only one):

- "RDM\_MDG\_805\_R2511.SAR" (for RDG, not needed for RDH)
- "RDM\_BUSSYS\_805\_R2511.SAR" (for RDG and RDH)

Using the correct archive files ensures the installation or upgrade of the correct software components and software component versions.

Upload the Installation to the installation directory of the Application Server (e.g. .../EPS/in).

**Note:** In general, the installation sequence for the SWCs (software components) should be followed as described below (ITG->ITO->ITU->ITR). Anyways, as starting with RDM 2511 also a "one step mode" is offered (please check the installation and upgrade examples) it is possible to do this as described in the examples.

### 3.1.2 Install ITG (for RDG and RDH)

Software Component ITG is used for RDG and RDH and needs to be installed independent from the installation scenario.

Execute transaction SAINT/SPAM and navigate to Installation Package -> Load Packages -> EPS Files from Application Server and confirm the Upload. After the Upload start the Installation process by clicking the "Start" button.

Choose „ITG“ from the installable Add-on packages and click the „Continue“ button and also continue the process by clicking the “Continue” button on the next screens (“Support

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Package Selection" and "Installation queue"). These screen should show the support package level and the OCS Package name.

Click "No" if you are prompted for "Modification Adjustment Transports" and confirm the installation process ("Add-On ITG ... is being installed") on the next screen.

Click "Finish" to complete the process after the software component has been installed.

### 3.1.3 Install ITO (for RDG and RDH)

Software Component ITO is used for RDG and RDH and needs to be installed independent from the installation scenario.

Execute transaction SAINT/SPAM and navigate to Installation Package -> Load Packages -> EPS Files from Application Server and confirm the Upload. After the Upload start the Installation process by clicking the "Start" button.

Choose „ITO“ from the installable Add-on packages and click the „Continue“ button and also continue the process by clicking the "Continue" button on the next screens ("Support Package Selection" and "Installation queue"). These screen should show the support package level and the OCS Package name.

Click "No" if you are prompted for "Modification Adjustment Transports" and confirm the installation process ("Add-On ITO ... is being installed") on the next screen.

Click "Finish" to complete the process after the software component has been installed.

### 3.1.4 Install ITU (for RDG only)

Software Component ITU is used only for RDG and needs to be installed if RDG is used.

Execute transaction SAINT/SPAM and navigate to Installation Package -> Load Packages -> EPS Files from Application Server and confirm the Upload. After the Upload start the Installation process by clicking the "Start" button.

Choose „ITU“ from the installable Add-on packages and click the „Continue“ button and also continue the process by clicking the "Continue" button on the next screens ("Support Package Selection" and "Installation queue"). These screen should show the support package level and the OCS Package name.

Click "No" if you are prompted for "Modification Adjustment Transports" and confirm the installation process ("Add-On ITU ... is being installed") on the next screen.

Click "Finish" to complete the process after the software component has been installed.

### 3.1.5 Install ITR (for RDG only)

Software Component ITR is used only for RDG and needs to be installed if RDG is used.

Check in transaction SE06 if namespace /ITR/ is set to modifiable (see screenshot below). If not change the setting to modifiable and don't forget to press the SAVE button.

System Change Option			
Client Setting			
Global Setting			
Software Component	Technical Name	Modifiable	
SAP Utilities/ Telecommunication	IS-UT	Modifiable	
Itego Generic Framework	ITG	Modifiable	
MDG Reference Data Management Local Staging ...	ITO	Modifiable	
MDG Reference Data Management	ITR	Modifiable	
Itego MDF Utility Objects	ITU	Modifiable	
Local Developments (No Automatic Transport)	LOCAL	Modifiable	
MDG Applications	MDG_APPL	Modifiable	
Namespace/Name Range			
	Prefix	Modifiable	
	/ISHCDP/	Modifiable	
	/ISHFR/	Modifiable	
INDEX	/ISINDEX/	Modifiable	
Itego RDM Generic Objects	/ITG/	Not modifiable	
Itego RDM Local Staging Area - LSA	/ITO/	Not modifiable	
Itego Reference Data Management - RDM	/ITR/	Modifiable	
Itego RDM MDF Utility Objects	/ITU/	Not modifiable	
	/IWBEF/	Modifiable	
	/IWCOR/	Modifiable	

Execute transaction SAINT/SPAM and navigate to Installation Package -> Load Packages -> EPS Files from Application Server and confirm the Upload. After the Upload start the Installation process by clicking the "Start" button.

Choose „ITR“ from the installable Add-on packages and click the „Continue“ button and also continue the process by clicking the “Continue” button on the next screens (“Support Package Selection” and “Installation queue”). These screen should show the support package level and the OCS Package name.

Click “No” if you are prompted for “Modification Adjustment Transports” and confirm the installation process (“Add-On ITR ... is being installed”) on the next screen.

Click “Finish” to complete the process after the software component has been installed.

### 3.1.6 Verification

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Please verify that the software component versions listed in section 2 "Versions and Prerequisites" have been installed.

### 3.1.7 Activate Business Functions

Please make sure that the necessary Business Functions are activated as described in the Configuration Guide in section "Activate Business Functions".

**Important Note:** without this other system activities like Upgrading the SAP S/4 system might be affected.

### 3.1.8 Activate Data Model I1

Please make sure that the Data Model I1 is activated as described in the Configuration Guide in section "Activate Data Model I1".

**Important Note:** without this other system activities like Upgrading the SAP S/4 system might be affected.

## 3.2 SAP Business Systems

RDM installed on SAP Business Systems (which are not MDG based) delivers functionalities which help to consolidate, synchronize and govern reference data. For consolidation the SAP Business system acts as a sender, for synchronization and governance it acts as a receiver.

Depending on the implementation scenario the Software Components ITG and ITO need to be installed on one or more SAP Business Systems. Execute the activities described below for each SAP Business System.

**Important Note:** Based on the reduced functionality of RDM on SAP Business Systems, software components ITR and ITU (which are SAP MDG based and deliver additional functionalities) are not required on any SAP Business System and must not be installed. Please use the correct installation file archives (SAR format). See next section for more details.

### 3.2.1 Upload Installation or Upgrade files

Installation and upgrade files are delivered as archive files (using the SAR format). For the installation or the upgrade of RDM on the business systems please use the following archive:

- "RDM\_BUSSYS\_805\_R2511.SAR"

Using the correct archive files ensures the installation or upgrade of the correct software components and software component versions.

Upload the Installation to the installation directory of the Application Server (e.g. .../EPS/in).

**Note:** In general, the installation sequence for the SWCs (software components) should be followed as described below (ITG->ITO). Anyways, as starting with RDM 2511 also a "one step mode" is offered (please check the installation and upgrade examples) it is possible to do this as described in the examples.

### 3.2.2 Install ITG

Execute transaction SAINT or SPAM (if version RDM 805 is already installed) and navigate to Installation Package -> Load Packages -> EPS Files from Application Server and confirm the Upload. After the Upload start the Installation process by clicking the "Start" button.

Choose „ITG“ from the installable Add-on packages and click the „Continue“ button and also continue the process by clicking the “Continue” button on the next screens (“Support Package Selection” and “Installation queue”). These screen should show the support package level and the OCS Package name.

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Click "No" if you are prompted for "Modification Adjustment Transports" and confirm the installation process ("Add-On ITG ... is being installed") on the next screen.

Click "Finish" to complete the process after the software component has been installed.

### 3.2.3 Install ITO

Execute transaction SAINT or SPAM (if version RDM 805 is already installed) and navigate to Installation Package -> Load Packages -> EPS Files from Application Server and confirm the Upload. After the Upload start the Installation process by clicking the "Start" button.

Choose „ITO“ from the installable Add-on packages and click the „Continue“ button and also continue the process by clicking the "Continue" button on the next screens ("Support Package Selection" and "Installation queue"). These screen should show the support package level and the OCS Package name.

Click "No" if you are prompted for "Modification Adjustment Transports" and confirm the installation process ("Add-On ITO ... is being installed") on the next screen.

Click "Finish" to complete the process after the software component has been installed.

### 3.2.4 Verification

Please verify that the software component versions listed in section 2 "Versions and Prerequisites" have been installed.

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## 4 Uninstallation

### 4.1 Uninstallation from SAP MDG

An SAP certified automated uninstallation of RDM software component ITR is not possible due to missing uninstallation support for SAP MDG Add-Ons from SAP. This also means that there is no guarantee that the software components ITO, ITG and ITU can be uninstalled from the SAP MDG without any side effects.

Be aware that this process (as shown in the example from chapter 6) has been tested on several versions and systems, and no side effects have been noticed by Itego. Anyways, please contact: [support@itego.de](mailto:support@itego.de) - Subject: "RDM Uninstallation" to inform us. We will guide you through the process which usually starts with an upgrade to the newest RDM version.

### 4.2 Uninstallation from SAP Business Systems

Uninstallation of RDM software components ITO and ITG is possible from SAP Business Systems.

Prerequisite: Ensure that the Local Staging Area has been cleared from any maintained reference data object. For this execute transaction /ITR/STAGING for all object types. Refer to "Reference Data Management for SAP MDG - Functional Documentation" for further details.

Start and finalize the Uninstallation by using transaction "SAINT", selecting "Uninstallable components" -> ITO -> Start and selecting "Uninstallable components" -> ITG -> Start.

## 5 Installation Example

### 5.1 Installation: 2511 Example (MDG system)

To install Itego RDM Add-On and Support Packages you have to use the SAP transactions

- SAINT (SAP Add-On Installation Tool)
- SPAM (Support Package Manager)

**Note:** Please check if the newest version of SPAM/SAINT has been installed. Current version used at Itego: 0092.

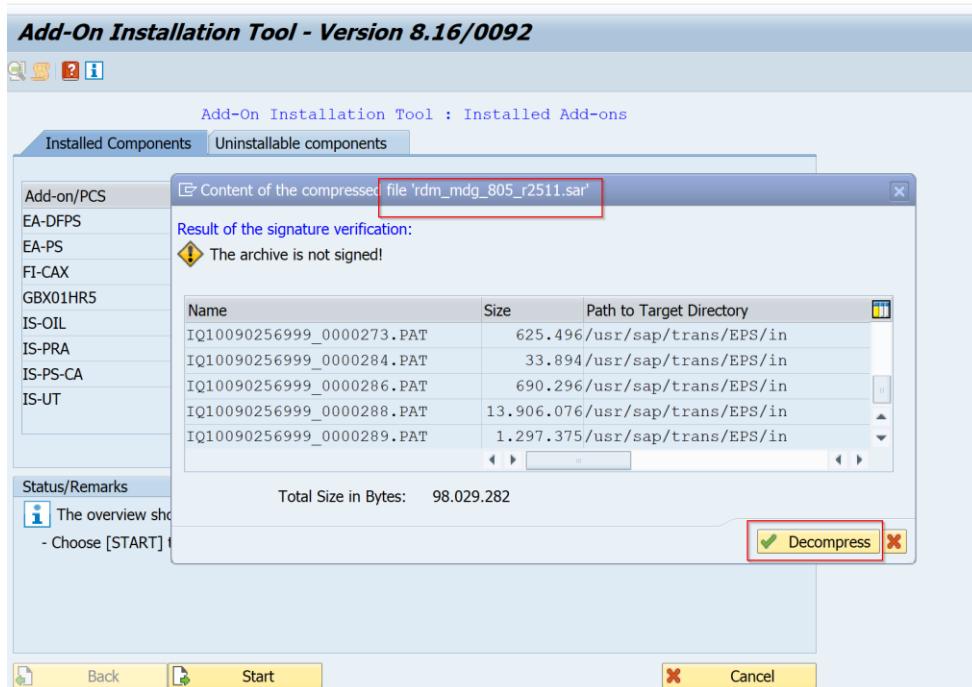
Installation or Upgrade files are delivered as archive files (using the SAR format). For the RDM components on the MDG system use one or more of the following archives (for RDG two, for RDH without RDG only one):

- "RDM\_MDG\_805\_R2511.SAR" (for RDG, not needed for RDH)
- "RDM\_BUSSYS\_805\_R2511.SAR" (for RDG and RDH)

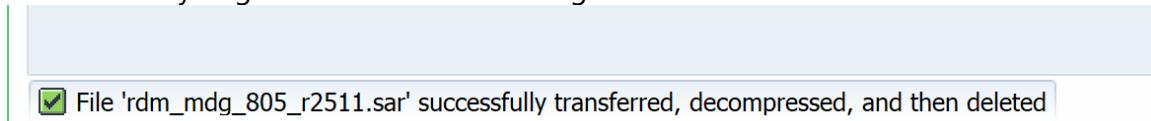
Load SAR files:



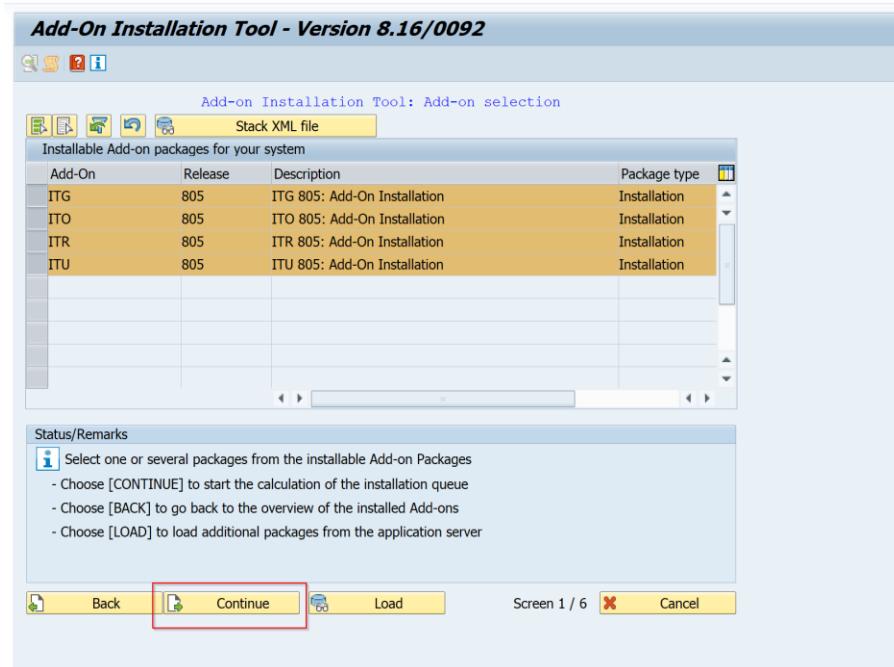
Installation of PAT Files (extracted from SAR Files):



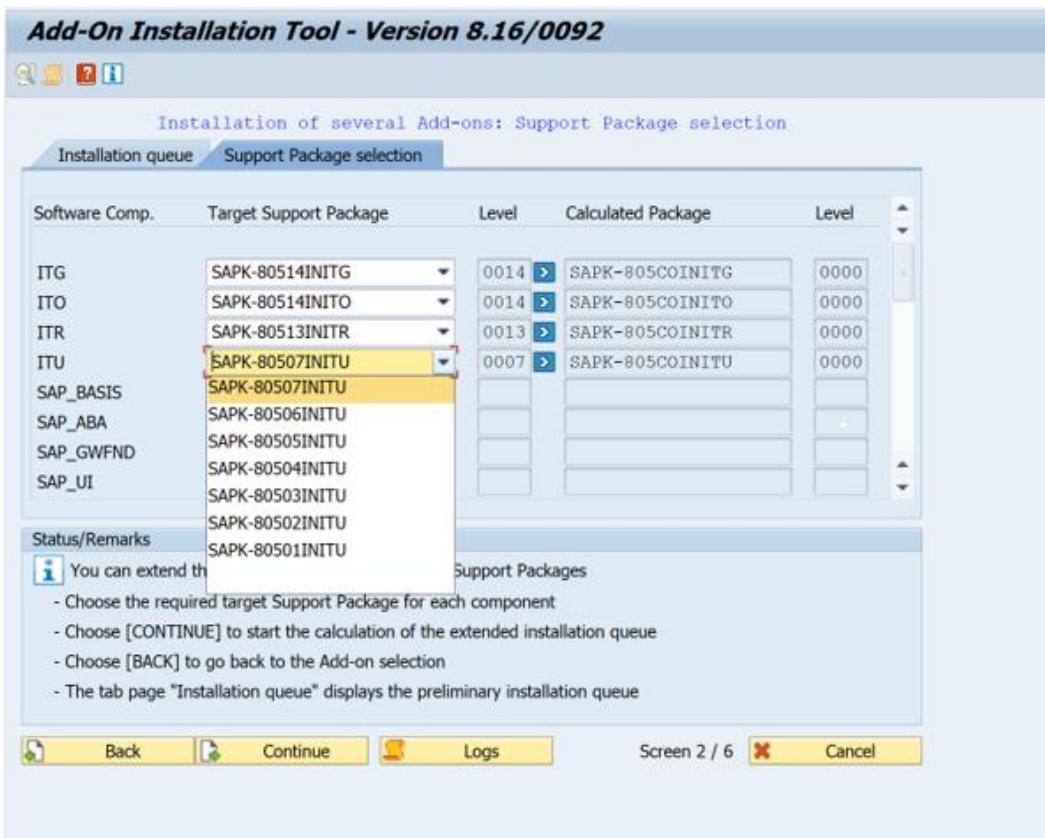
Confirm that you get this or a similar message:

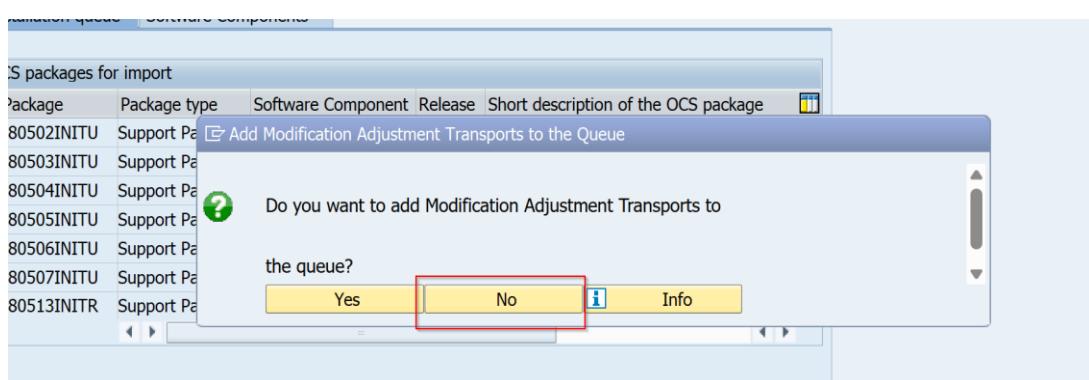
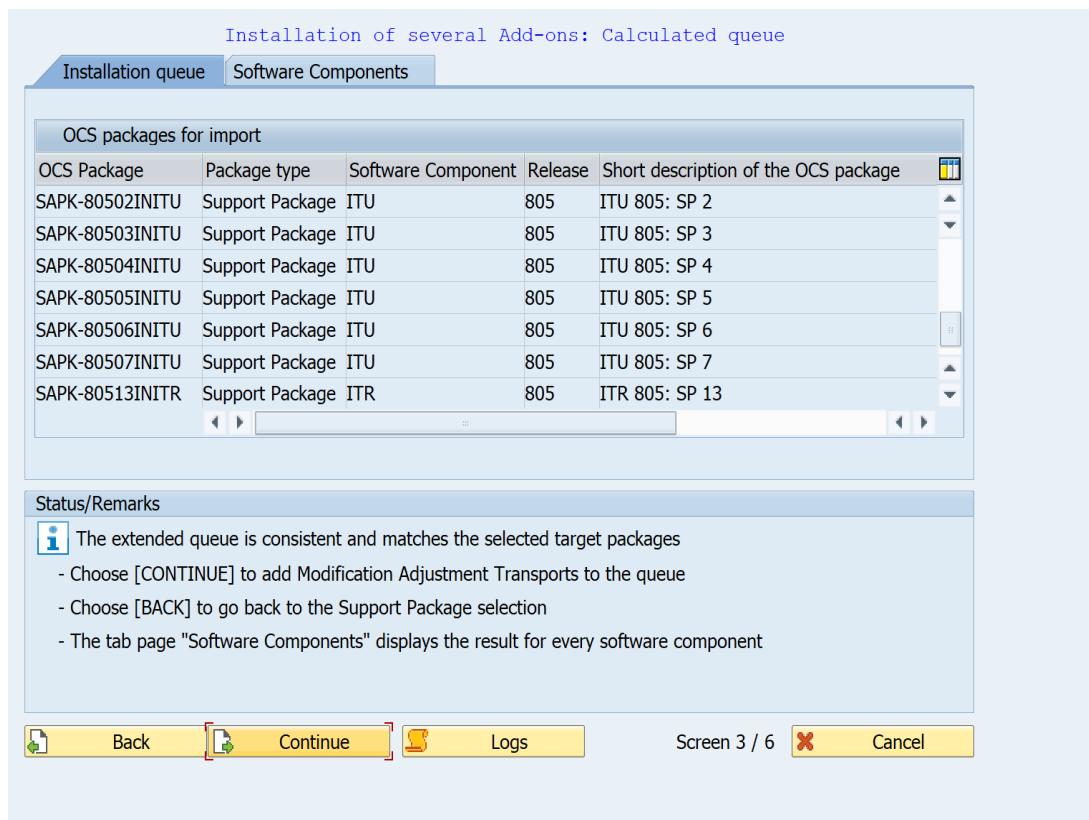


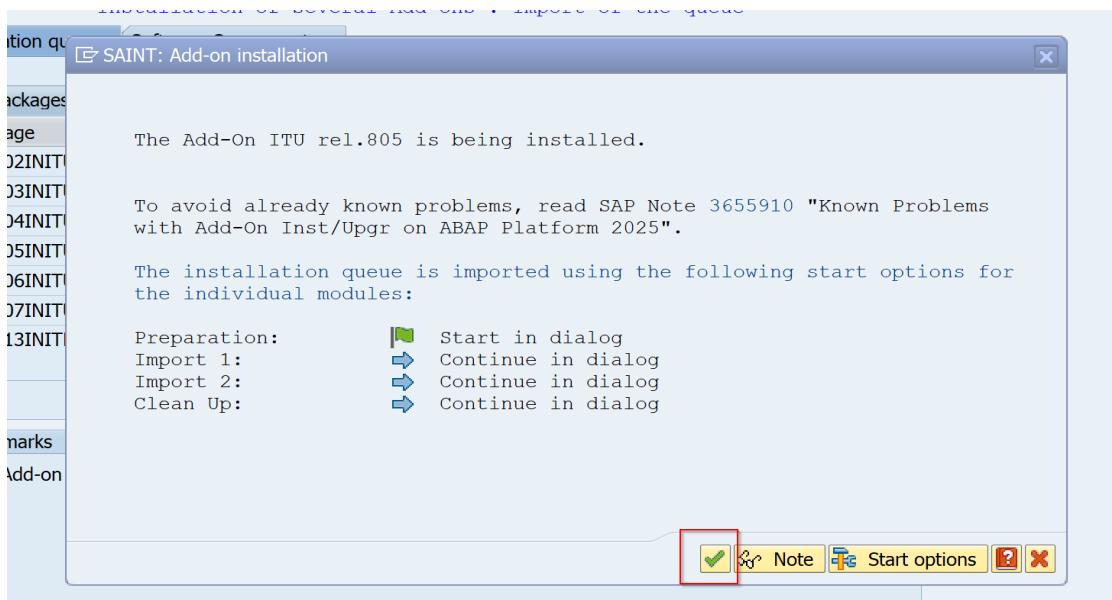
Starting with RDM 2511 you can choose all four SWCs and to start the installation, you click: „Continue“



For all SWCs select the complete set of SPs. This leads to a installation of all SWCs with all SPs.







**Errors during Disassembling OCS Packages**

Repeat  Ignore  Action Log

Phase DISASSEMBLE: Explanation of errors and warnings

The import terminated because errors or warnings occurred while disassembling the installation packages or support packages. The list shows the installation packages and support packages and the result of the corresponding disassembly action.

If an error occurred, you have to solve it before you can continue the import process. Details about the errors can be found in the action log for phase DISASSEMBLE.

If the verification of the digital signature failed, delete the affected EPS file from the EPS inbox. Afterwards, download the installation or support package from the SAP Support Portal and upload the SAR archive with one of the options in the menu "Installation Package" -> "Load packages".

If warnings about the verification process occurred, you should check them in detail.

If the verification could not be executed due to a missing manifest file, upload the SAR archive of the affected installation or support package again with one of the options in the menu "Installation Package" -> "Load packages".

If you rate the warnings as uncritical, you can ignore them and continue the import process with the push button "Ignore".

Phase DISASSEMBLE: Occurred errors and warnings

OCS Package	Status	Message / Explanation
SAPK-805COINITG	⚠	The OCS Package SAPK-805COINITG is not digitalall...
SAPK-805COINITO	⚠	The OCS Package SAPK-805COINITO is not digitalall...
SAPK-805COINITR	⚠	The OCS Package SAPK-805COINITR is not digitalall...
SAPK-805COINITU	⚠	The OCS Package SAPK-805COINITU is not digitalall...
SAPK-80502INITG	⚠	The OCS Package SAPK-80502INITG is not digitalall...
SAPK-80503INITG	⚠	The OCS Package SAPK-80503INITG is not digitalall...
SAPK-80504INITG	⚠	The OCS Package SAPK-80504INITG is not digitalall...
SAPK-80505INITG	⚠	The OCS Package SAPK-80505INITG is not digitalall...
SAPK-80506INITG	⚠	The OCS Package SAPK-80506INITG is not digitalall...
SAPK-80507INITG	⚠	The OCS Package SAPK-80507INITG is not digitalall...

**Add-On Installation Tool - Version 8.16/0092**

Installation of several Add-ons : Imported queue

Installation queue Software Components

Imported OCS packages

OCS Package	Package type	Software Component	Release	Short description of the OCS package
SAPK-805COINITG	Installation	ITG	805	ITG 805: Add-On Installation
SAPK-805COINITO	Installation	ITO	805	ITO 805: Add-On Installation
SAPK-805COINITR	Installation	ITR	805	ITR 805: Add-On Installation
SAPK-805COINITU	Installation	ITU	805	ITU 805: Add-On Installation
SAPK-80502INITG	Support Package	ITG	805	ITG 805: SP 2
SAPK-80503INITG	Support Package	ITG	805	ITG 805: SP 3
SAPK-80504INITG	Support Package	ITG	805	ITG 805: SP 4

Status/Remarks

**i** The Add-on was successfully imported with the displayed queue

- Choose [LOGS] to display the import logs
- Choose [FINISH] to complete the installation

Back **Finish** Logs Screen 6 / 6 Cancel

**Sending the runtime analysis**

The import of the OCS queue was successfully finished!

During the import of the OCS queue, data about the import process were collected. This data can be sent to SAP with your permission.

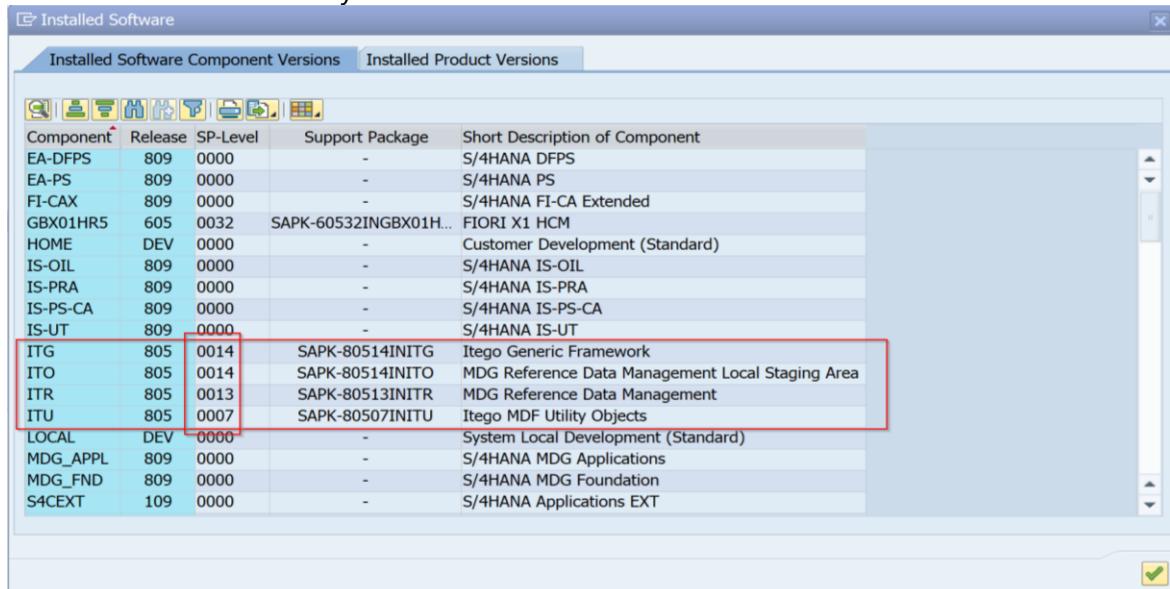
- o Choose "Send" to open a feedback form with the runtime analysis data in a local browser window. You can use this form to send data to SAP.
- o Choose "Display" to display the runtime analysis first and then send the feedback form in a local browser window.
- o Choose "Do not send" to leave this dialog without sending the runtime analysis data.

- Choose [FINISH] to complete the installation

Send **Display** **Do not send**

Back **Finish** Logs Screen 6 / 6 Cancel

After the installation the system status should show this:



Component	Release	SP-Level	Support Package	Short Description of Component
EA-DFPS	809	0000	-	S/4HANA DFPS
EA-PS	809	0000	-	S/4HANA PS
FI-CAX	809	0000	-	S/4HANA FI-CA Extended
GBX01HR5	605	0032	SAPK-60532INGBX01H...	FIORI X1 HCM
HOME	DEV	0000	-	Customer Development (Standard)
IS-OIL	809	0000	-	S/4HANA IS-OIL
IS-PRA	809	0000	-	S/4HANA IS-PRA
IS-PS-CA	809	0000	-	S/4HANA IS-PS-CA
IS-UT	809	0000	-	S/4HANA IS-UT
ITG	805	0014	SAPK-80514INITG	Itego Generic Framework
ITO	805	0014	SAPK-80514INITO	MDG Reference Data Management Local Staging Area
ITR	805	0013	SAPK-80513INITR	MDG Reference Data Management
ITU	805	0007	SAPK-80507INITU	Itego MDF Utility Objects
LOCAL	DEV	0000	-	System Local Development (Standard)
MDG_APPL	809	0000	-	S/4HANA MDG Applications
MDG_FND	809	0000	-	S/4HANA MDG Foundation
S4CEXT	109	0000	-	S/4HANA Applications EXT

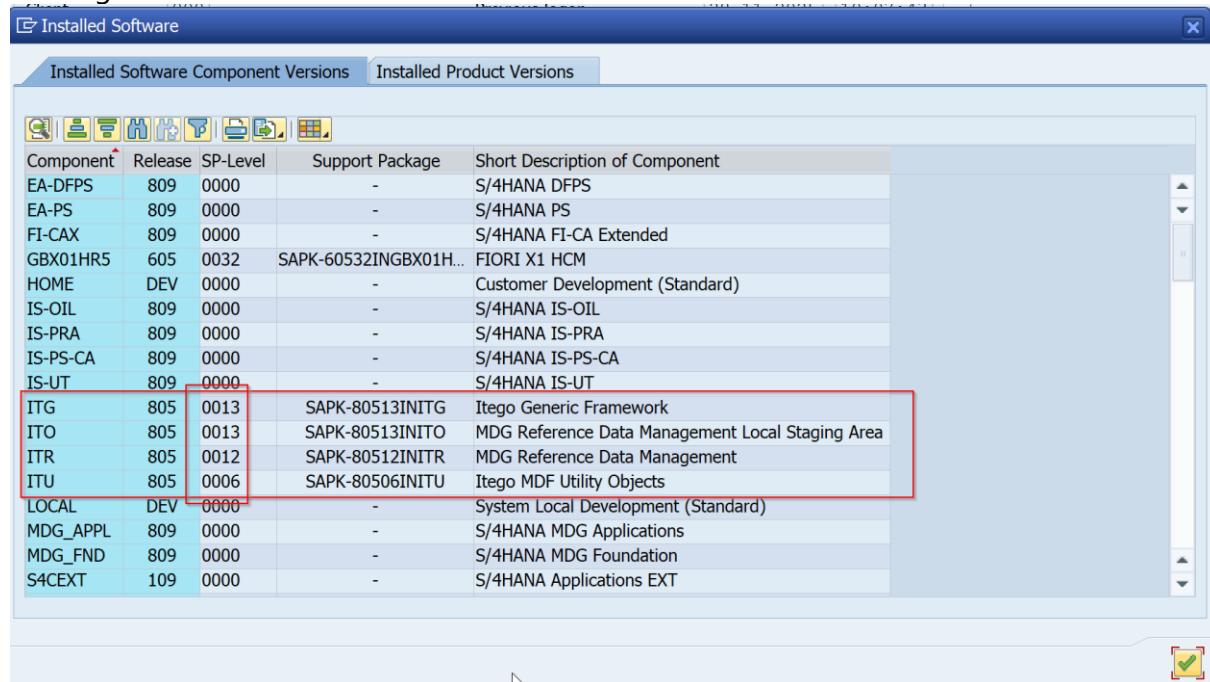
## 5.2 Upgrade: 2511 Example (MDG system)

To upgrade Itego RDM Add-On and Support Packages you have to use the SAP transactions

- SAINT (SAP Add-On Installation Tool)
- SPAM (Support Package Manager)

**Note:** Please check if the newest version of SPAM/SAINT has been installed. Current version used at Itego: 0092.

Starting Point RDM 2507:



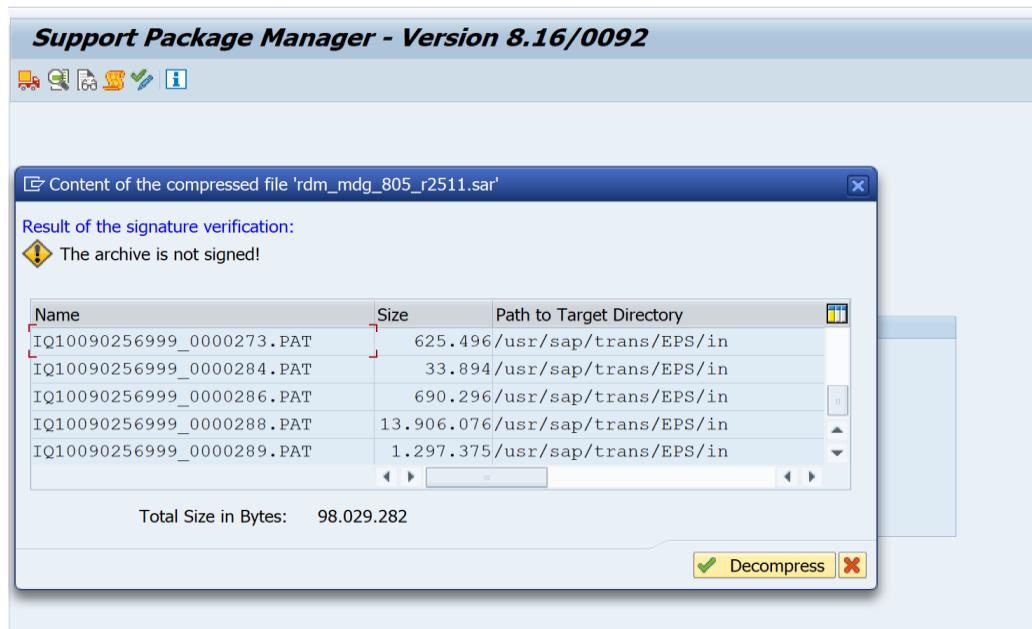
Component	Release	SP-Level	Support Package	Short Description of Component
EA-DFPS	809	0000	-	S/4HANA DFPS
EA-PS	809	0000	-	S/4HANA PS
FI-CAX	809	0000	-	S/4HANA FI-CA Extended
GBX01HR5	605	0032	SAPK-60532INGBX01H...	FIORI X1 HCM
HOME	DEV	0000	-	Customer Development (Standard)
IS-OIL	809	0000	-	S/4HANA IS-OIL
IS-PRA	809	0000	-	S/4HANA IS-PRA
IS-PS-CA	809	0000	-	S/4HANA IS-PS-CA
IS-UT	809	0000	-	S/4HANA IS-UT
ITG	805	0013	SAPK-80513INITG	Itego Generic Framework
ITO	805	0013	SAPK-80513INITO	MDG Reference Data Management Local Staging Area
ITR	805	0012	SAPK-80512INITR	MDG Reference Data Management
ITU	805	0006	SAPK-80506INITU	Itego MDF Utility Objects
LOCAL	DEV	0000	-	System Local Development (Standard)
MDG_APPL	809	0000	-	S/4HANA MDG Applications
MDG_FND	809	0000	-	S/4HANA MDG Foundation
S4CEXT	109	0000	-	S/4HANA Applications EXT

Installation or Upgrade files are delivered as archive files (using the SAR format). For the RDM components on the MDG system use one or more of the following archives (for RDG two, for RDH without RDG only one):

- "RDM\_MDG\_805\_R2511.SAR" (for RDG, not needed for RDH)
- "RDM\_BUSSYS\_805\_R2511.SAR" (for RDG and RDH)

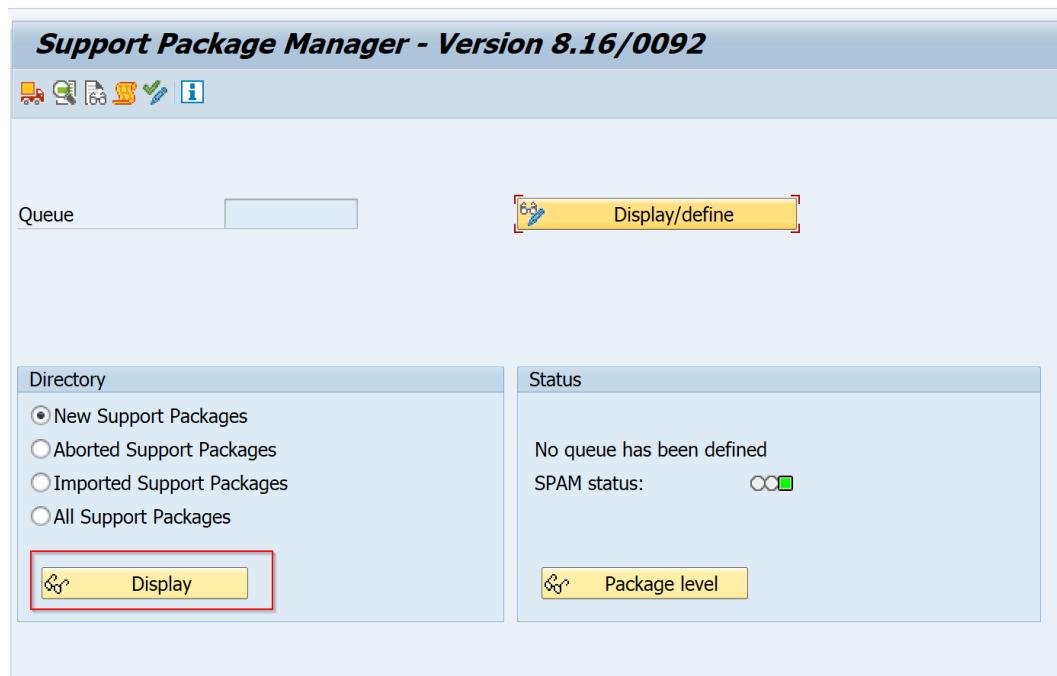
Load SAR Files:





Please confirm that you get this message:

File 'rdm\_mdg\_805\_r2511.sar' successfully transferred, decompressed, and then deleted



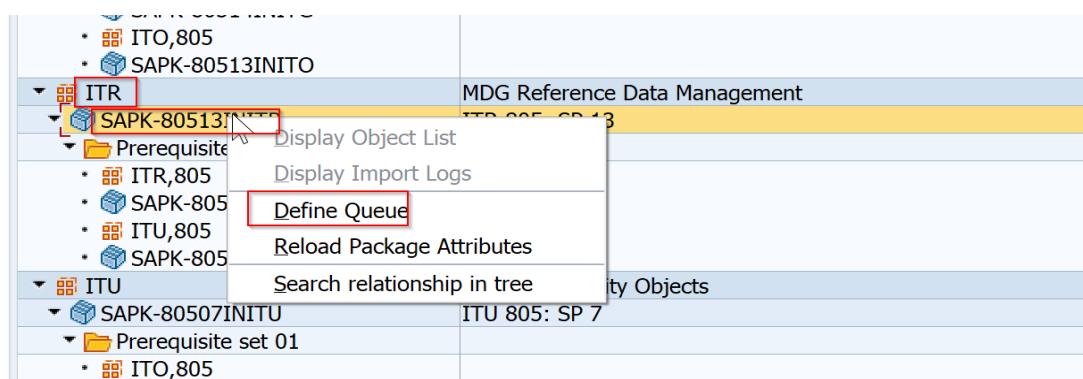
RDM 2511 is based on the following SWC:

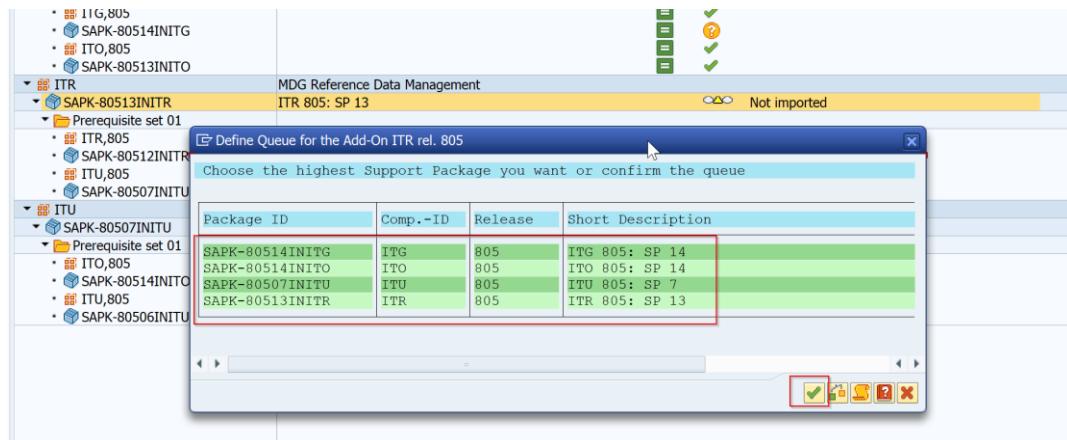
- ITG 805 SP14
- ITO 805 SP14
- ITU 805 SP07
- ITR 805 SP13

OCS Package Directory: New Packages				
Object	Description	Rela...	Status	Import Status
ITG	Itego Generic Framework			Not imported
SAPK-80514INITG	ITG 805: SP 14			
Prerequisite set 01				
ITG,805			✓	
SAPK-80513INITG			✓	
ITO	MDG Reference Data Management Local Staging Area			Not imported
SAPK-80514INITO	ITO 805: SP 14			
Prerequisite set 01				
ITG,805			✓	
SAPK-80514INITG			?	
ITO,805			✓	
SAPK-80513INITO			✓	
ITR	MDG Reference Data Management			Not imported
SAPK-80513INITR	ITR 805: SP 13			
Prerequisite set 01				
ITR,805			✓	
SAPK-80512INITR			✓	
ITU,805			✓	
SAPK-80507INITU			?	
ITU	Itego MDF Utility Objects			Not imported
SAPK-80507INITU	ITU 805: SP 7			
Prerequisite set 01				
ITO,805			✓	
SAPK-80514INITO			?	
ITU,805			✓	
SAPK-80506INITU			✓	

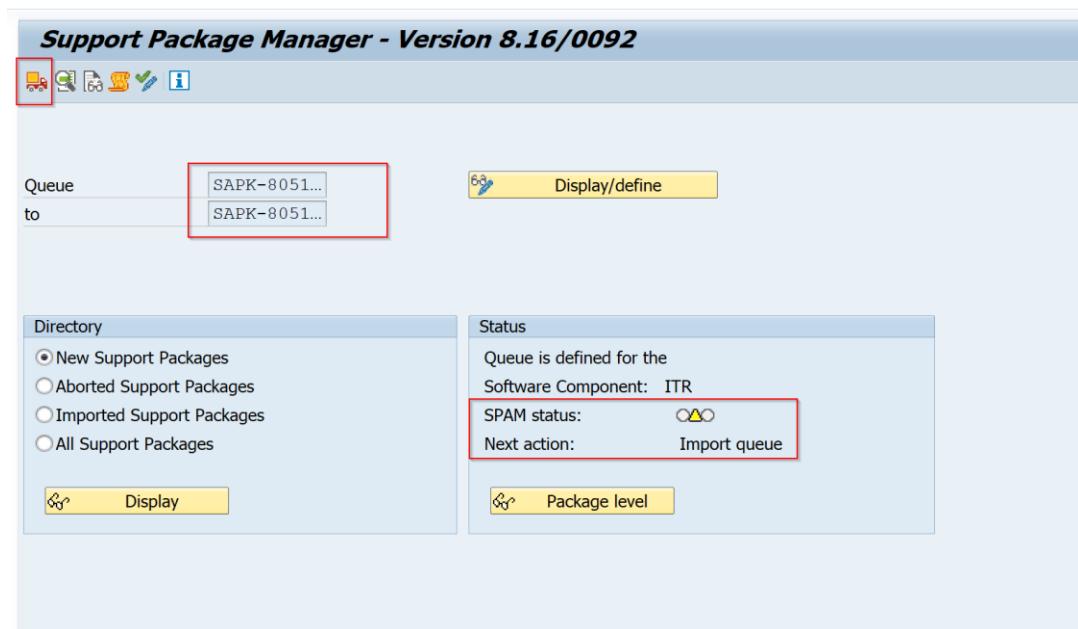
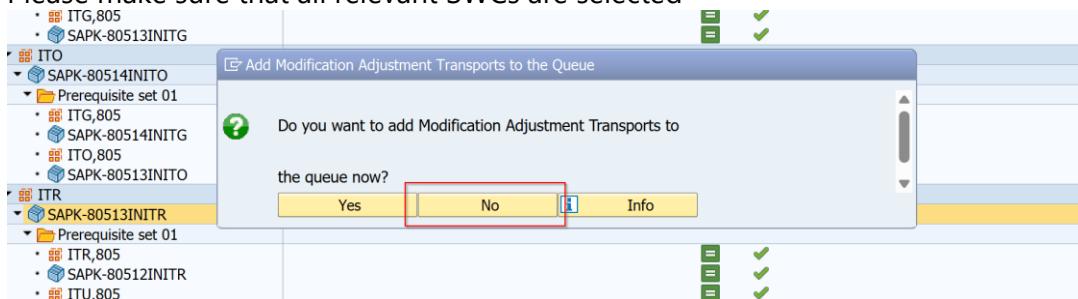
In general, the installation sequence ITG->ITO->ITU->ITR should be followed. For this it is recommended to do this in one step as the system takes care of this. To start this: Right mouse click on SAPK-80513INITR

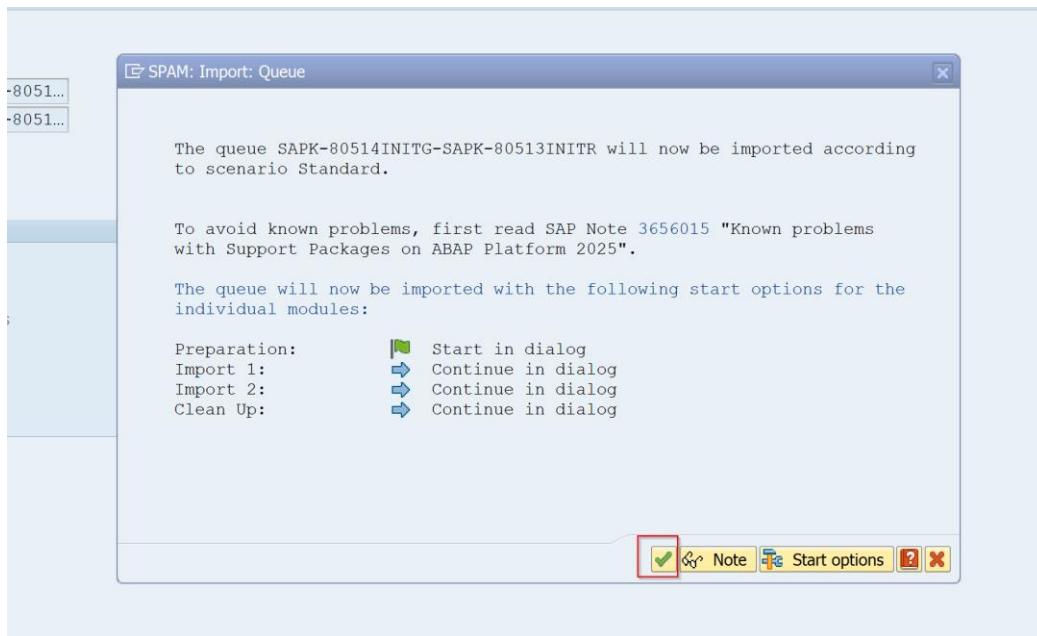
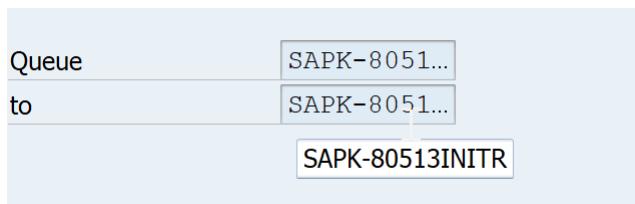
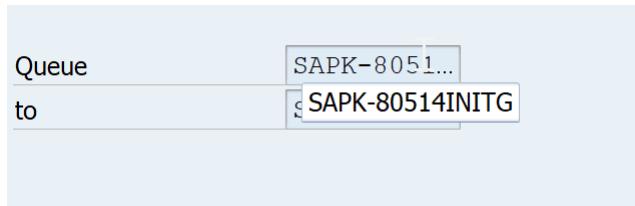
**Note:** If you do the installation on a business system, please use a right mouse click on SAPK-80514INITO.





Please make sure that all relevant SWCs are selected





**Errors during Disassembling OCS Packages**

Repeat Ignore Action Log

Phase DISASSEMBLE: Explanation of errors and warnings

The import terminated because errors or warnings occurred while disassembling the support packages. The list shows the support packages and the result of the corresponding disassemble action.

If an error occurred, you have to solve it before you can continue the import process. Details about the errors can be found in the action log for phase DISASSEMBLE.

If the verification of the digital signature failed, delete the affected EPS file from the EPS inbox. Afterwards, download the support package from the SAP Support Portal and upload the SAR archive with one of the options in the menu "Installation Package" -> "Load packages".

If warnings about the verification process occurred, you should check them in detail.

If the verification could not be executed due to a missing manifest file, upload the SAR archive of the affected support package again with one of the options in the menu "Installation Package" -> "Load packages".

If you rate the warnings as uncritical, you can ignore them and continue the import process with the push button "Ignore".

Phase DISASSEMBLE: Occurred errors and warnings

Support Package	Status	Message / Explanation
SAPK-80514INITG		The OCS Package SAPK-80514INITG is not digital...
SAPK-80514INITO		The OCS Package SAPK-80514INITO is not digital...
SAPK-80507INITU		The OCS Package SAPK-80507INITU is not digital...
SAPK-80513INITR		The OCS Package SAPK-80513INITR is not digital...

Support Packages

Display

Status

Import of queue for the

Software Component: ITR

SPAM status:

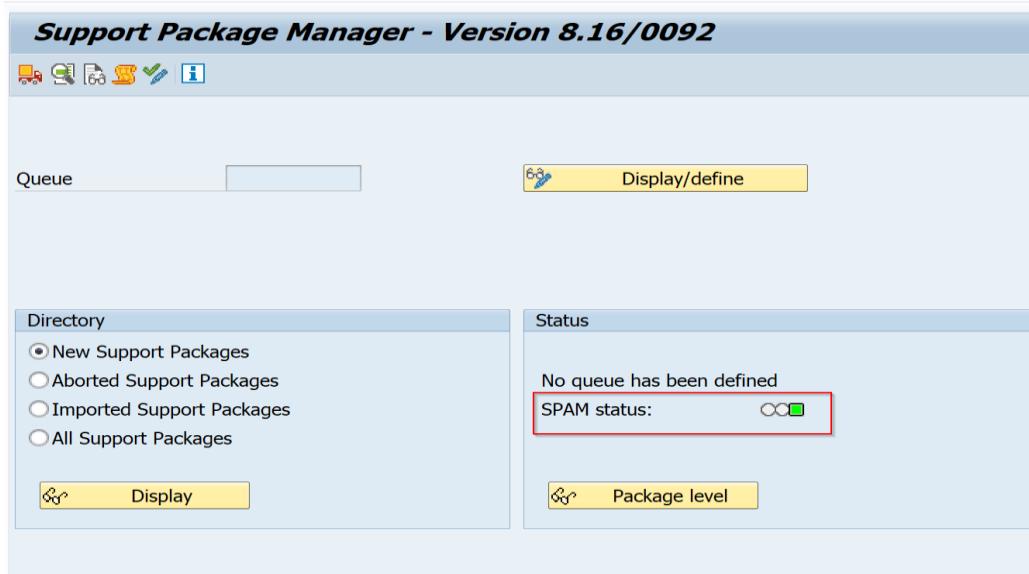
Current action: Queue import

Package level

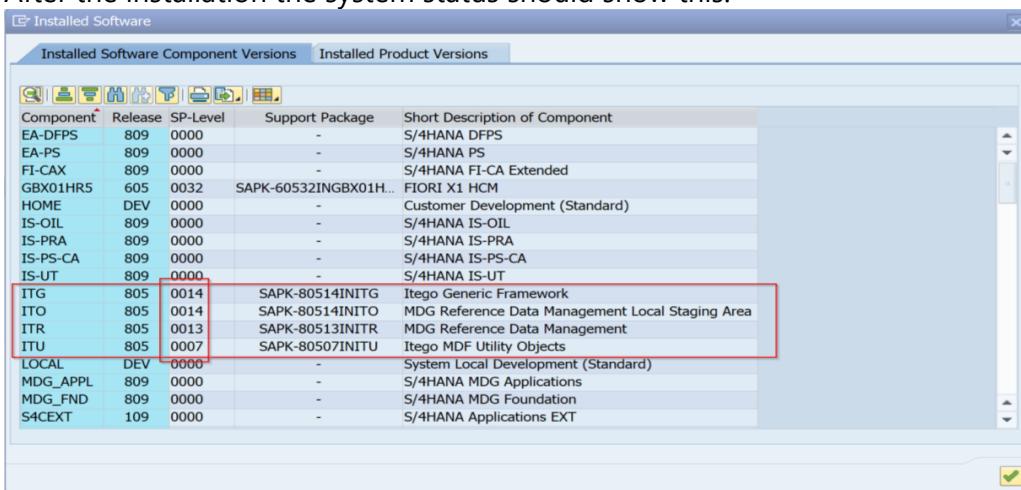
Information

Queue SAPK-80514INITG - SAPK-80513INITR imported successfully according to Standard scen.: Confirm this





After the installation the system status should show this:



### 5.3 Upgrade: Old 2311 Example (MDG system)

Example with an existing RDM 2301 installation and a later version e.g. 2311, to be installed.

To install Itego RDM Add-On and Support Packages you have to use the SAP transactions

- SAINT (SAP Add-On Installation Tool)
- SPAM (Support Package Manager)

Installed RDM 2301 on SAP release version 805, it looks like:

Component	Release	SP-Level	Support Package	Short Description of Component
ITG	805	0000	-	Itego Generic Framework
ITO	805	0000	-	MDG Reference Data Management Local Staging Area
ITR	805	0000	-	MDG Reference Data Management
ITU	805	0000	-	Itego MDF Utility Objects

After installation of RDM 2311 on SAP release version 805, it looks like:

Component	Release	SP-Level	Support Package	Short Description of Component
ITG	805	0005	SAPK-80505INITG	Itego Generic Framework
ITO	805	0006	SAPK-80506INITO	MDG Reference Data Management Local Staging Area
ITR	805	0004	SAPK-80504INITR	MDG Reference Data Management
ITU	805	0000	-	Itego MDF Utility Objects

A RDM 2301 installation is not required to install RDM 2311. RDM 2311 can also be installed on an initial (from the RDM point of view) system, as RDM 2311 includes RDM 2301 completely.

Example for an SAP MDG installation, which not yet has an RDM installed as Add-On:

Component	Release	SP-Level	Support Package	Short Description of Component
MDG_FND	805	0003	SAPK-80503INMDGFND	MDG Foundation
S4FND	105	0003	SAPK-10503INS4FND	Foundation
MDG_APPL	805	0003	SAPK-80503INMDGAPPL	MDG Applications

## Transaction SAINT

RDM Installation using SAR Files from frontend

The screenshot shows the SAP Add-On Installation Tool (SAINT) interface. The title bar reads "Add-On Installation Tool - Version 7.56/0081". The menu bar includes "Installation Package", "Edit", "Goto", "Extras", "Utilities", "Environment", "System", and "Help". The "Installation Package" menu is highlighted with a red box and an arrow, pointing to the "Load Packages" option. Below the menu, there are two sub-options: "SAR Archive from Frontend" and "EPS Files from Application Server". The main content area displays a table titled "Add-On Installation Tool : Installed Add-ons". The table has columns for "Add-on/PCS", "Release", "Level", "Description", and "Import". The table lists several SAP Enterprise Extension components: EA-DFPS (Release 806, Level 0001), EA-HR (Release 608, Level 0100), EA-HRCAE (Release 608, Level 0100), EA-HRCAR (Release 608, Level 0100), EA-HRCAT (Release 608, Level 0100), EA-HRCAU (Release 608, Level 0100), EA-HRCBE (Release 608, Level 0100), and EA-HRCBG (Release 608, Level 0100). The "Import" column contains a blue "Import" button. Below the table, a "Status/Remarks" section contains an information icon and the text: "The overview shows you the installed Add-ons and Preconfigured systems - Choose [START] to start an installation or an upgrade". At the bottom, there are buttons for "Back", "Start" (highlighted in blue), and "Cancel".

Add-on/PCS	Release	Level	Description	Import
EA-DFPS	806	0001	SAP Enterprise Extension Defense Forces & Public ..	
EA-HR	608	0100	SAP Enterprise Extension HR	
EA-HRCAE	608	0100	Subcomponent EA-HRCAE of EA-HR	
EA-HRCAR	608	0100	Subcomponent EA-HRCAR of EA-HR	
EA-HRCAT	608	0100	Subcomponent EA-HRCAT of EA-HR	
EA-HRCAU	608	0100	Subcomponent EA-HRCAU of EA-HR	
EA-HRCBE	608	0100	Subcomponent EA-HRCBE of EA-HR	
EA-HRCBG	608	0100	Subcomponent EA-HRCBG of EA-HR	

RDM installation comes with two SAR files for

- RDM Business Receiver System (ECC Backend System) with the following software components (listed in the order to be installed)
  1. ITG - Generic Framework
  2. ITO - Reference Data Management Local Staging
- RDM MDG System (with MDG installation) with the following software components (listed in order to be installed)
  1. ITG - Generic Framework
  2. ITU - MDF Utility Objects
  3. ITO - Reference Data Management Local Staging
  4. ITR - Reference Data Management

Naming convention of RDM SAR Files:

#### RDM R2301 SAR Files

Select CAR/SAR archive				
 RDM Delivery > R2301 > R2301 - SP00				
<span style="border: 1px solid #ccc; padding: 2px;">Organisieren</span> <span style="border: 1px solid #ccc; padding: 2px;">Neuer Ordner</span>				
Name	Änderungsdatum	Typ	Größe	
 RDM_BUSSYS_805_R2301.SAR	22.02.2023 19:33	SAR-Datei	3.842 KB	
 RDM_MDG_805_R2301.SAR	22.02.2023 19:32	SAR-Datei	22.546 KB	

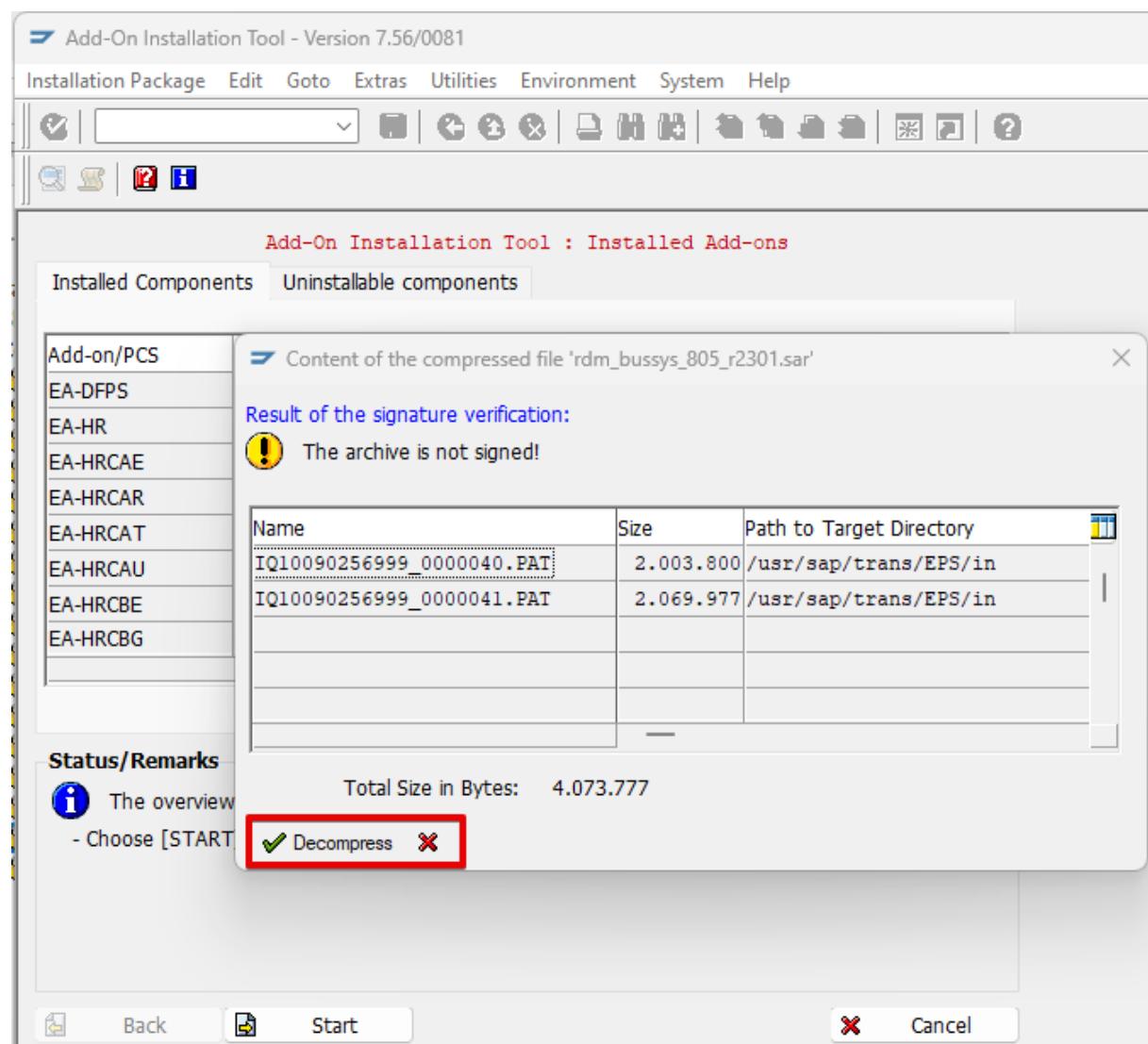
#### RDM R2311 SAR Files

 RDM Delivery > R2311 > R2311 durchsuchen				
<span style="border: 1px solid #ccc; padding: 2px;">Sortieren</span> <span style="border: 1px solid #ccc; padding: 2px;">Anzeigen</span> <span style="border: 1px solid #ccc; padding: 2px;">...</span> <span style="border: 1px solid #ccc; padding: 2px;">Details</span>				
Name	Änderungsdatum	Typ	Größe	
 RDM_BUSSYS_805_R2311.SAR	04.02.2024 09:29	SAR-Datei	11.034 KB	
 RDM_MDG_805_R2311.SAR	04.02.2024 09:20	SAR-Datei	32.521 KB	

## Installation on Receiver/Business System using SAR File RDM\_BUSSYS\_805\_R2301.SAR

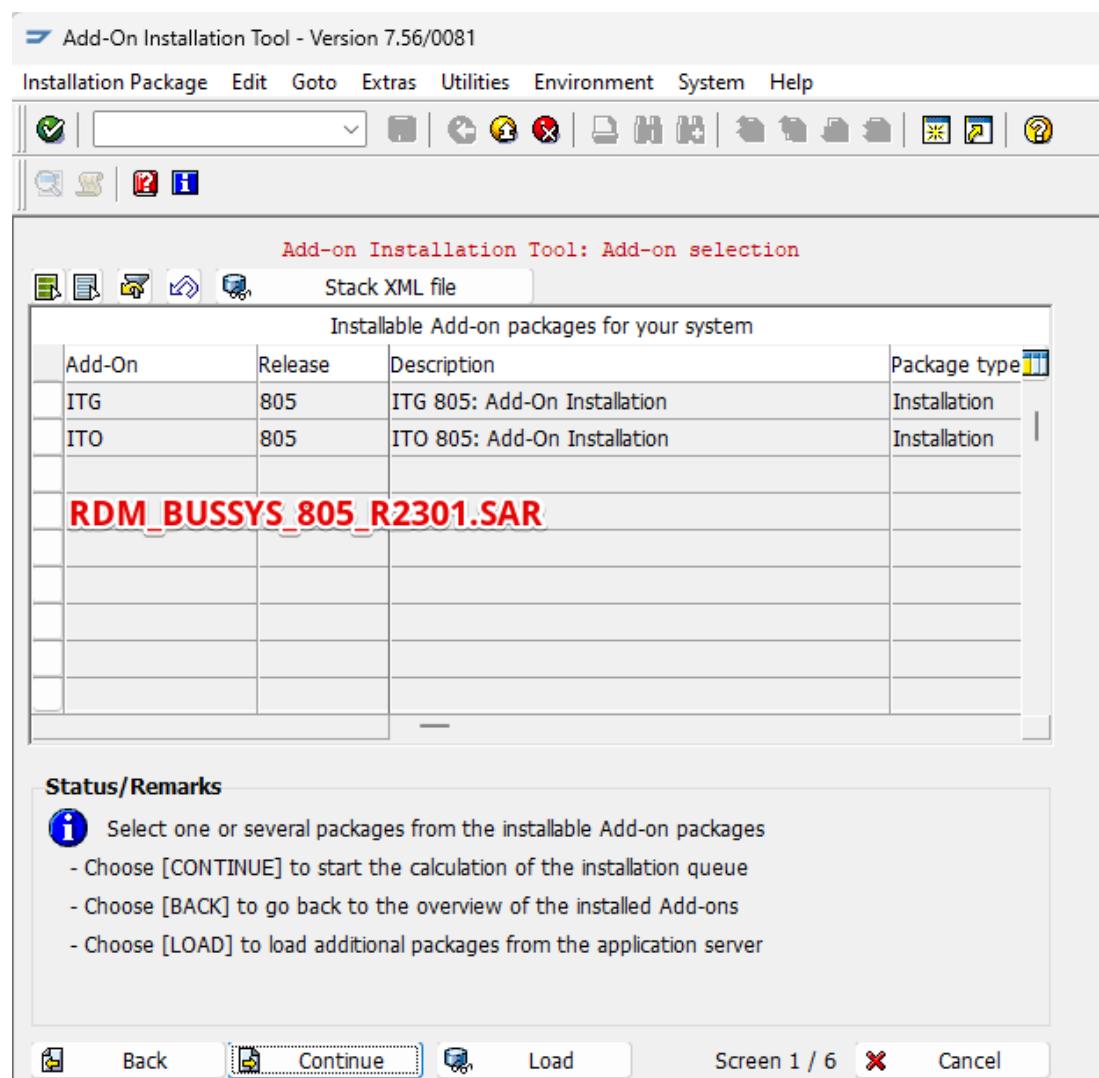
### Note:

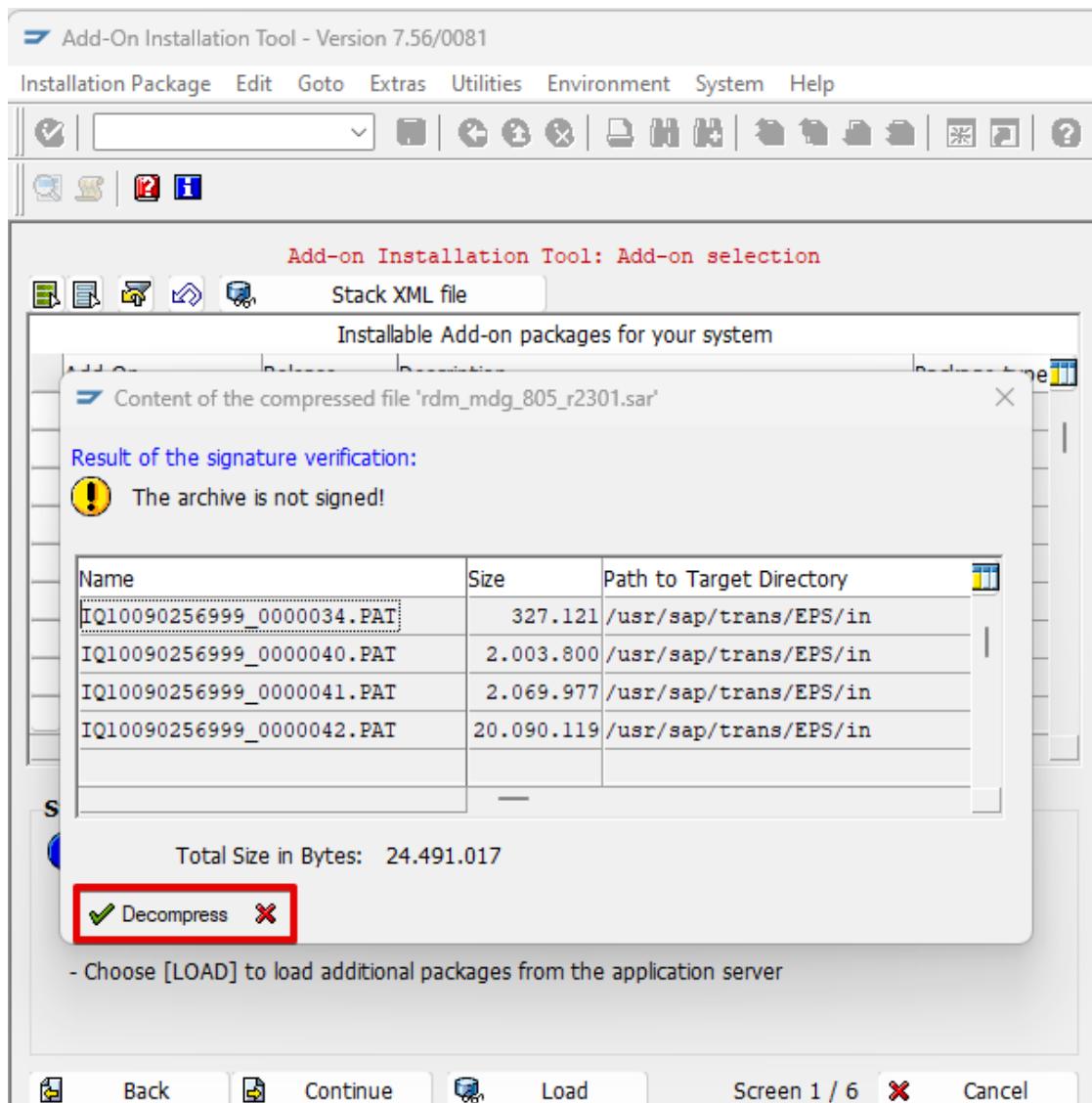
The shown PAT Files are just examples for this documentation – you will have PAT Files with other names.



Decompress the PAT files and press the Start Button. After decompression the SAR files are deleted.

Select first software component (SWC) ITG and press button CONTINUE





## Installation on MDG system

Add-On Installation Tool - Version 7.56/0081

Installation Package Edit Goto Extras Utilities Environment System Help

Add-on Installation Tool: Add-on selection

Stack XML file

Add-On	Release	Description	Package type
ITG	805	ITG 805: Add-On Installation	Installation
ITO	805	ITO 805: Add-On Installation	Installation
ITR	805	ITR 805: Add-On Installation	Installation
ITU	805	ITU 805: Add-On Installation	Installation
<b>RDM_MDG_805_R2301.SAR</b>			

**Status/Remarks**

**i** Select one or several packages from the installable Add-on packages

- Choose [CONTINUE] to start the calculation of the installation queue
- Choose [BACK] to go back to the overview of the installed Add-ons
- Choose [LOAD] to load additional packages from the application server

Back Continue Load Screen 1 / 6 Cancel

Add-On Installation Tool - Version 7.56/0081

Installation Package Edit Goto Extras Utilities Environment System Help

Add-on Installation Tool: Add-on selection

Stack XML file

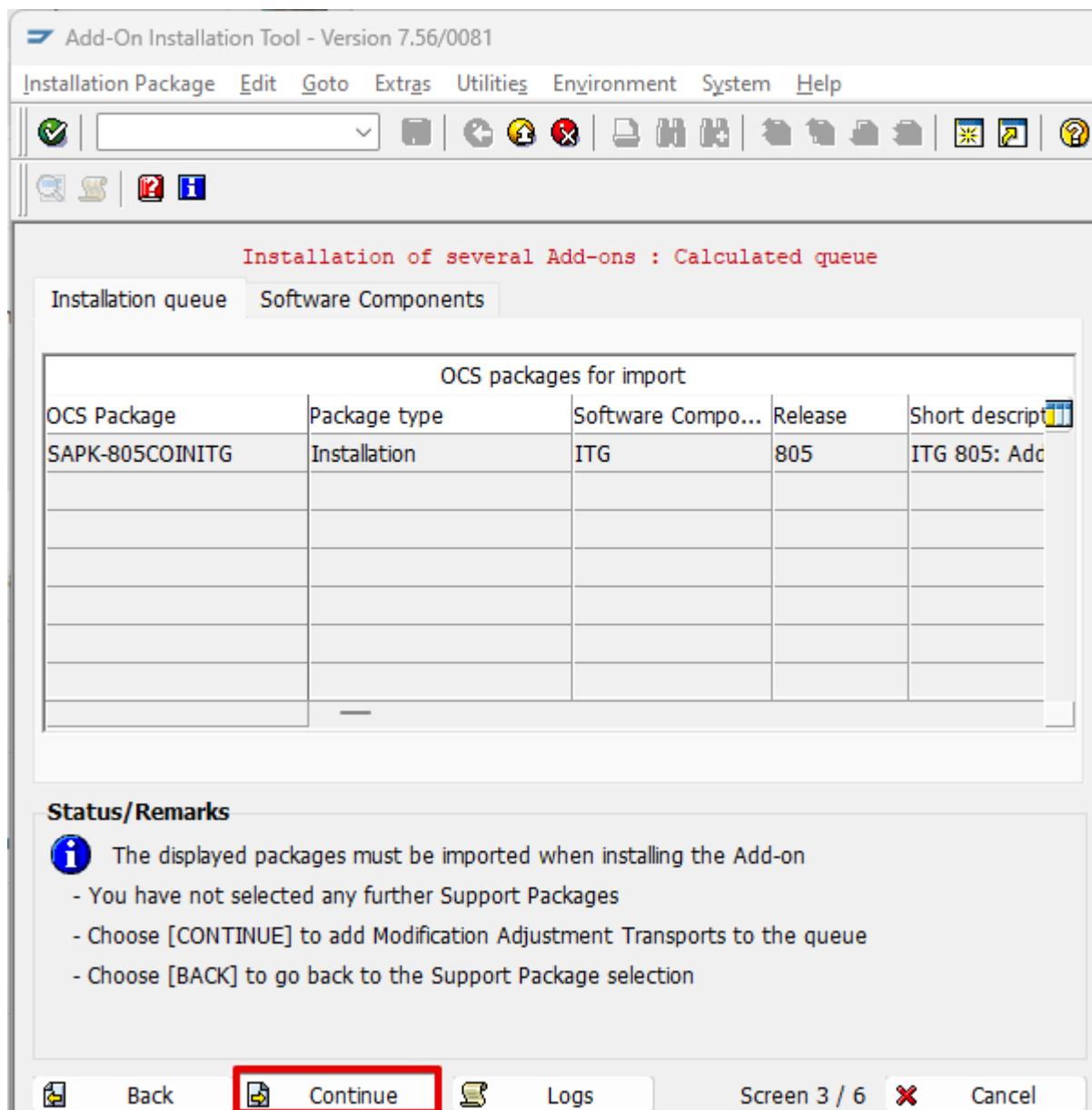
inst. order	Add-On	Release	Description	Package type
1	ITG	805	ITG 805: Add-On Installation	Installation
3	ITO	805	ITO 805: Add-On Installation	Installation
4	ITR	805	ITR 805: Add-On Installation	Installation
2	ITU	805	ITU 805: Add-On Installation	Installation

**Status/Remarks**

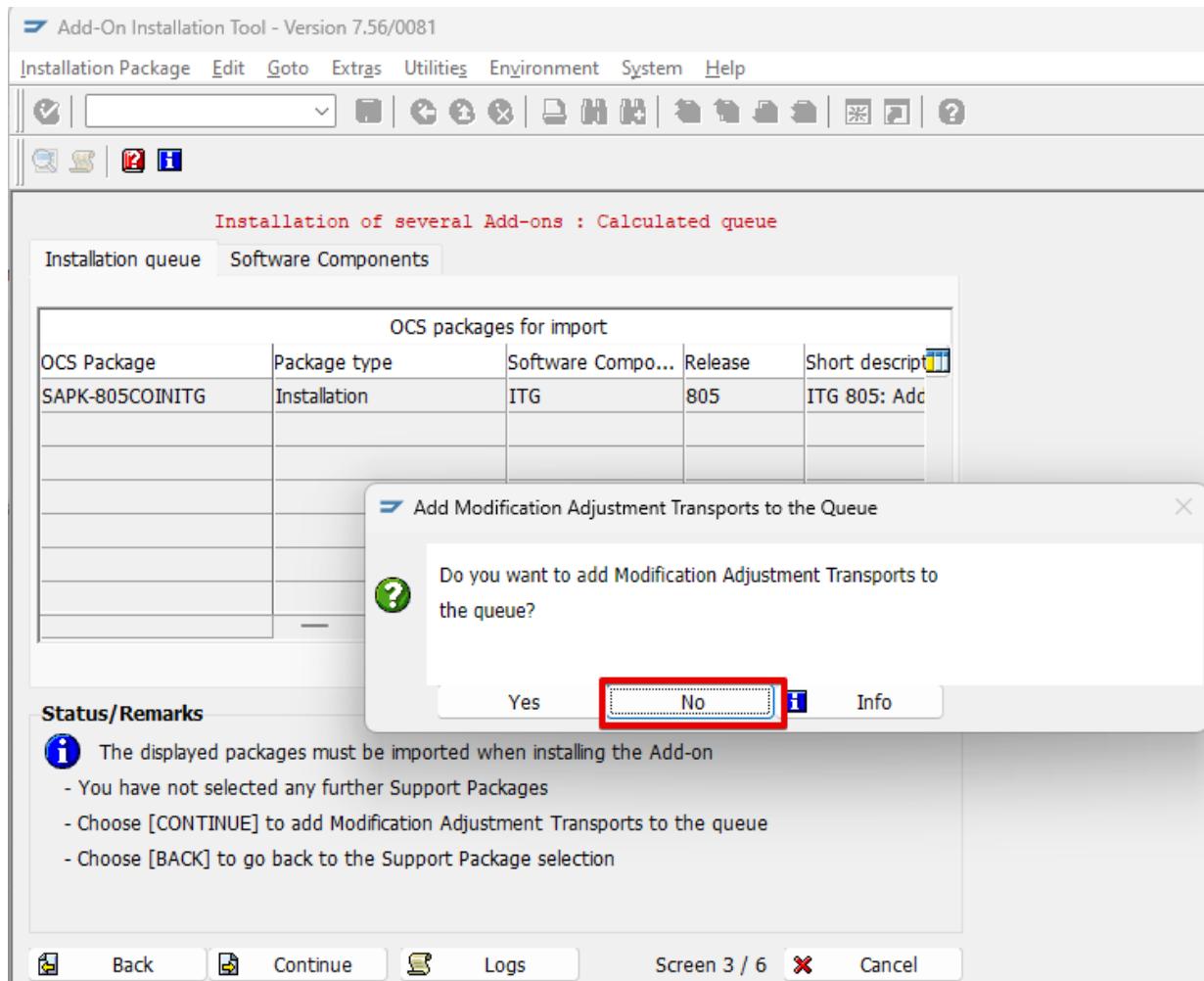
**Info** Select one or several packages from the installable Add-on packages

- Choose [CONTINUE] to start the calculation of the installation queue
- Choose [BACK] to go back to the overview of the installed Add-ons
- Choose [LOAD] to load additional packages from the application server

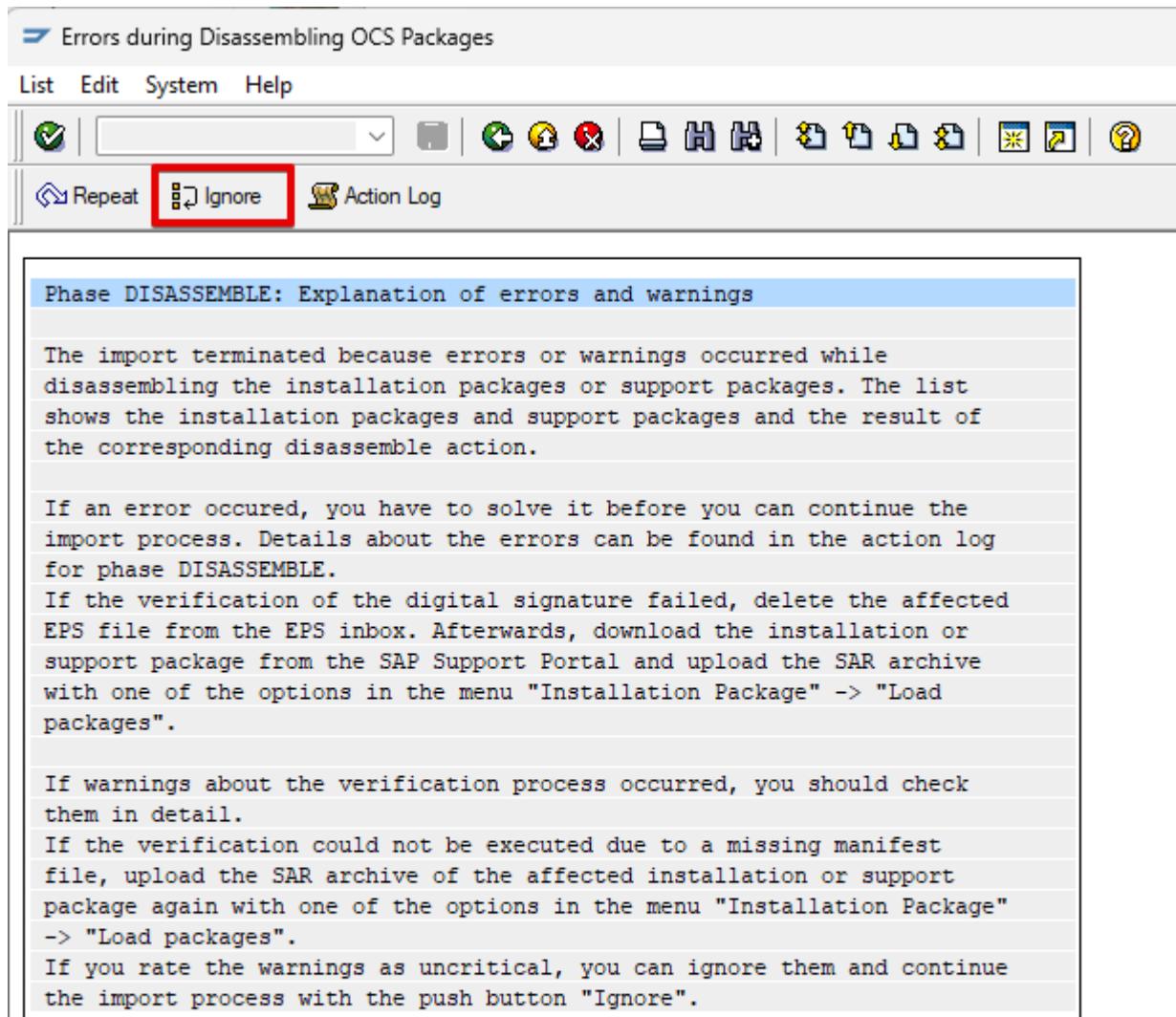
Back **Continue** Load Screen 1 / 6 Cancel



Select "No" for Modification Adjustments



Please **ignore** this warning



Phase DISASSEMBLE: Explanation of errors and warnings

The import terminated because errors or warnings occurred while disassembling the installation packages or support packages. The list shows the installation packages and support packages and the result of the corresponding disassemble action.

If an error occurred, you have to solve it before you can continue the import process. Details about the errors can be found in the action log for phase DISASSEMBLE.

If the verification of the digital signature failed, delete the affected EPS file from the EPS inbox. Afterwards, download the installation or support package from the SAP Support Portal and upload the SAR archive with one of the options in the menu "Installation Package" -> "Load packages".

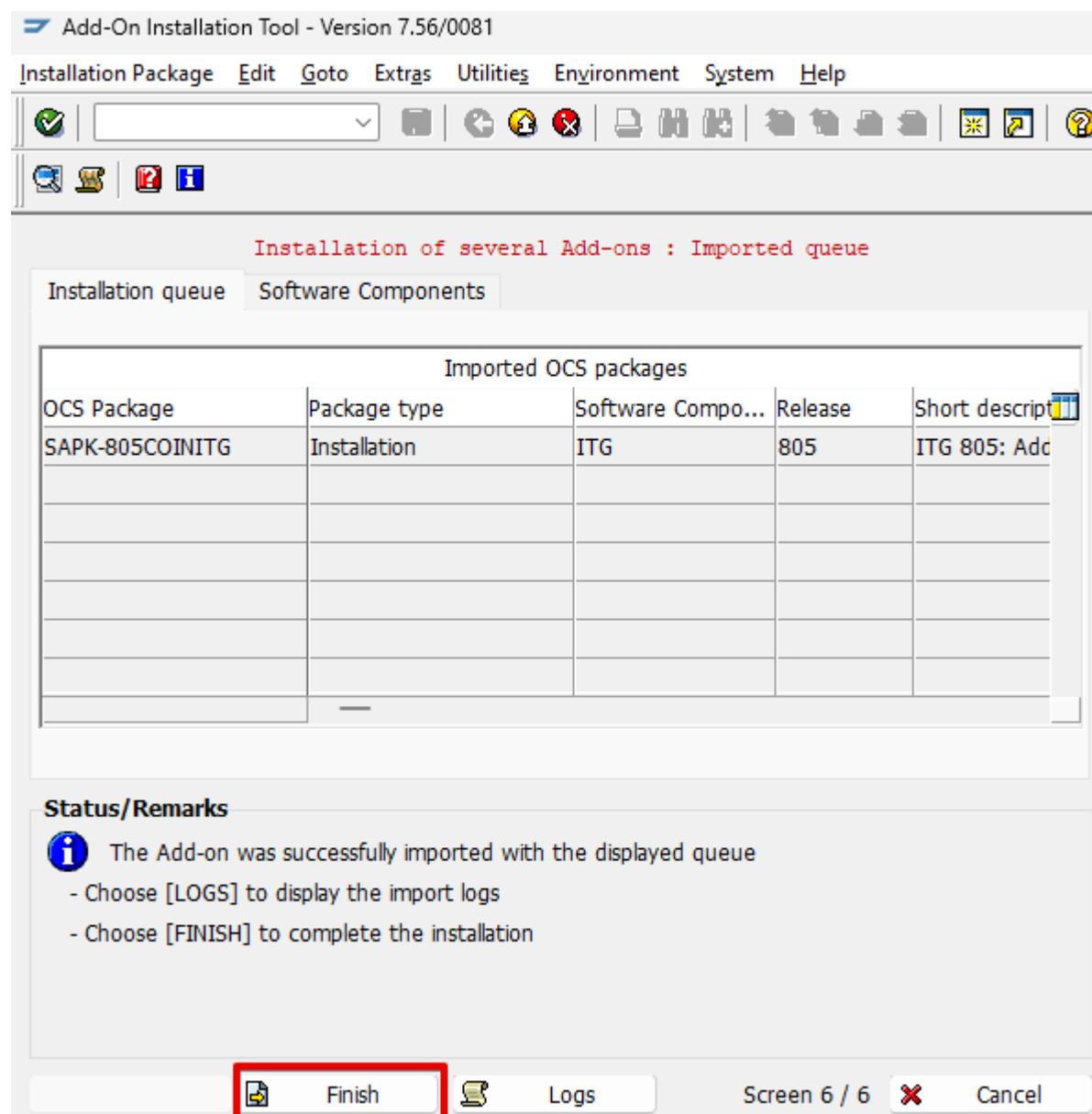
If warnings about the verification process occurred, you should check them in detail.

If the verification could not be executed due to a missing manifest file, upload the SAR archive of the affected installation or support package again with one of the options in the menu "Installation Package" -> "Load packages".

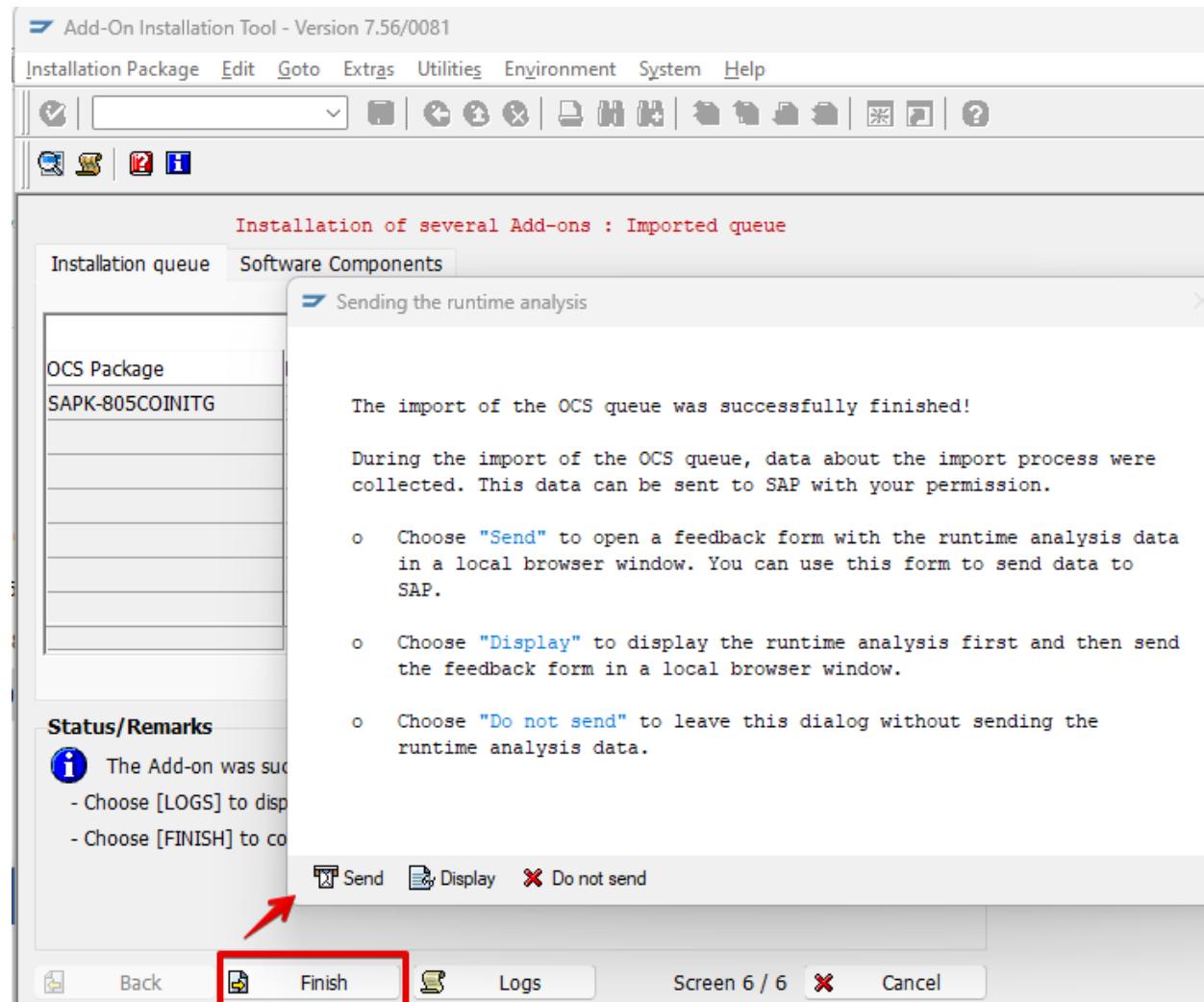
If you rate the warnings as uncritical, you can ignore them and continue the import process with the push button "Ignore".

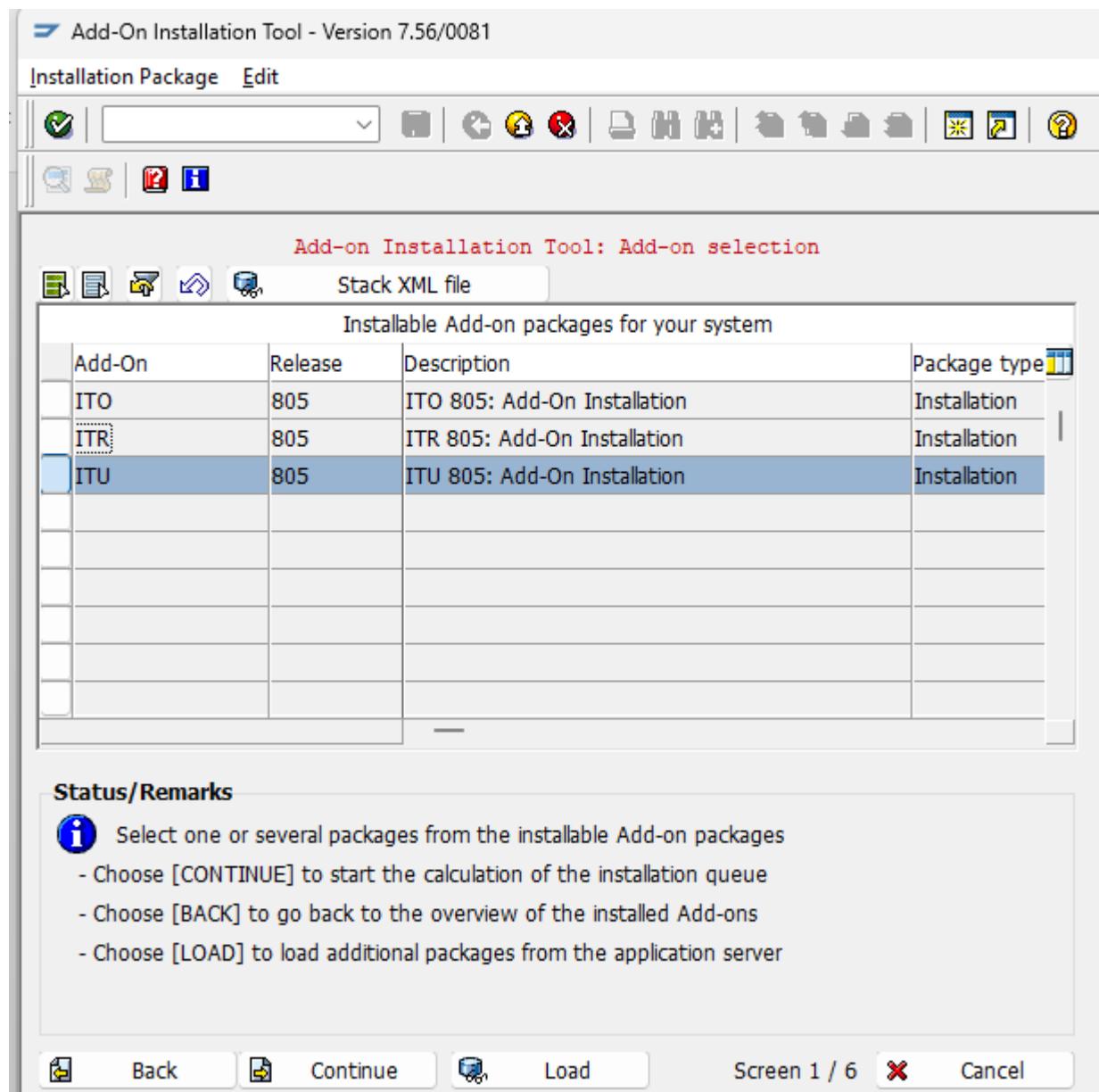
Phase DISASSEMBLE: Occurred errors and warnings		
OCS Package	Status	Message / Explanation
SAPK-805COINITG	⚠	The OCS Package SAPK-805COINITG is not digitall...

Once the installation is done, you have to confirm the installation of SWC with "**FINISH**"

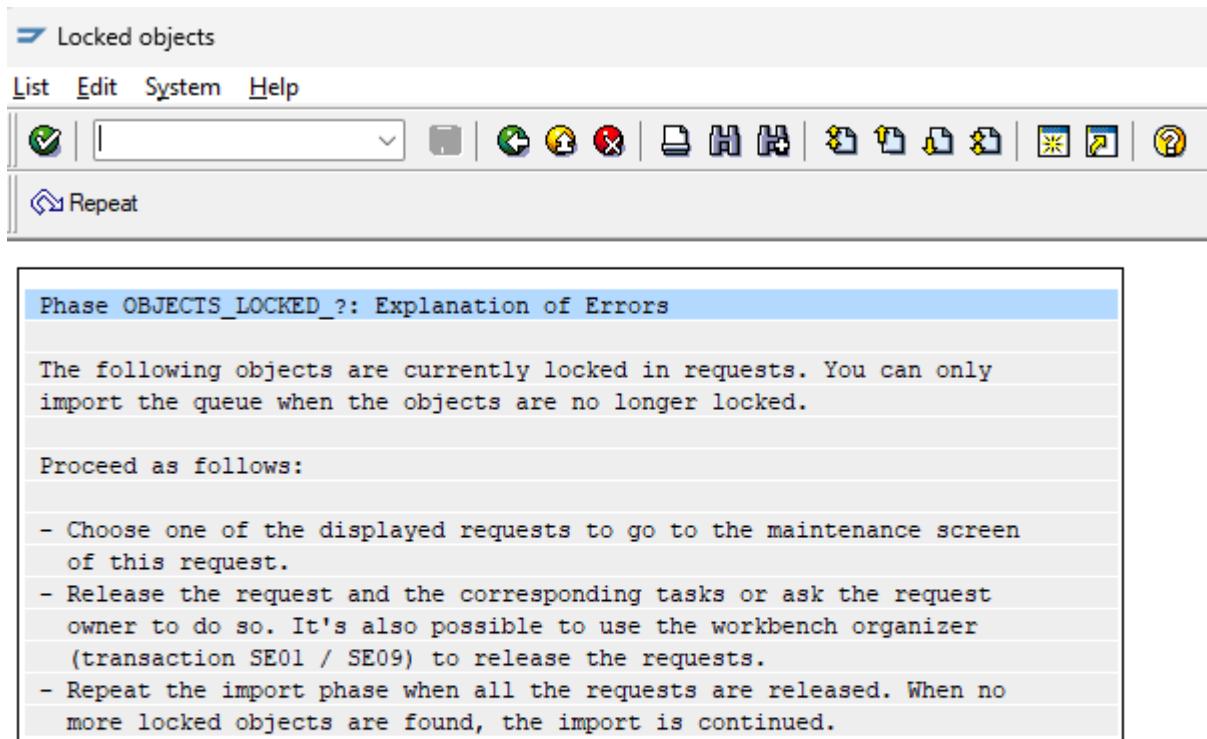


Finishing the installation the system will provide you the following options:



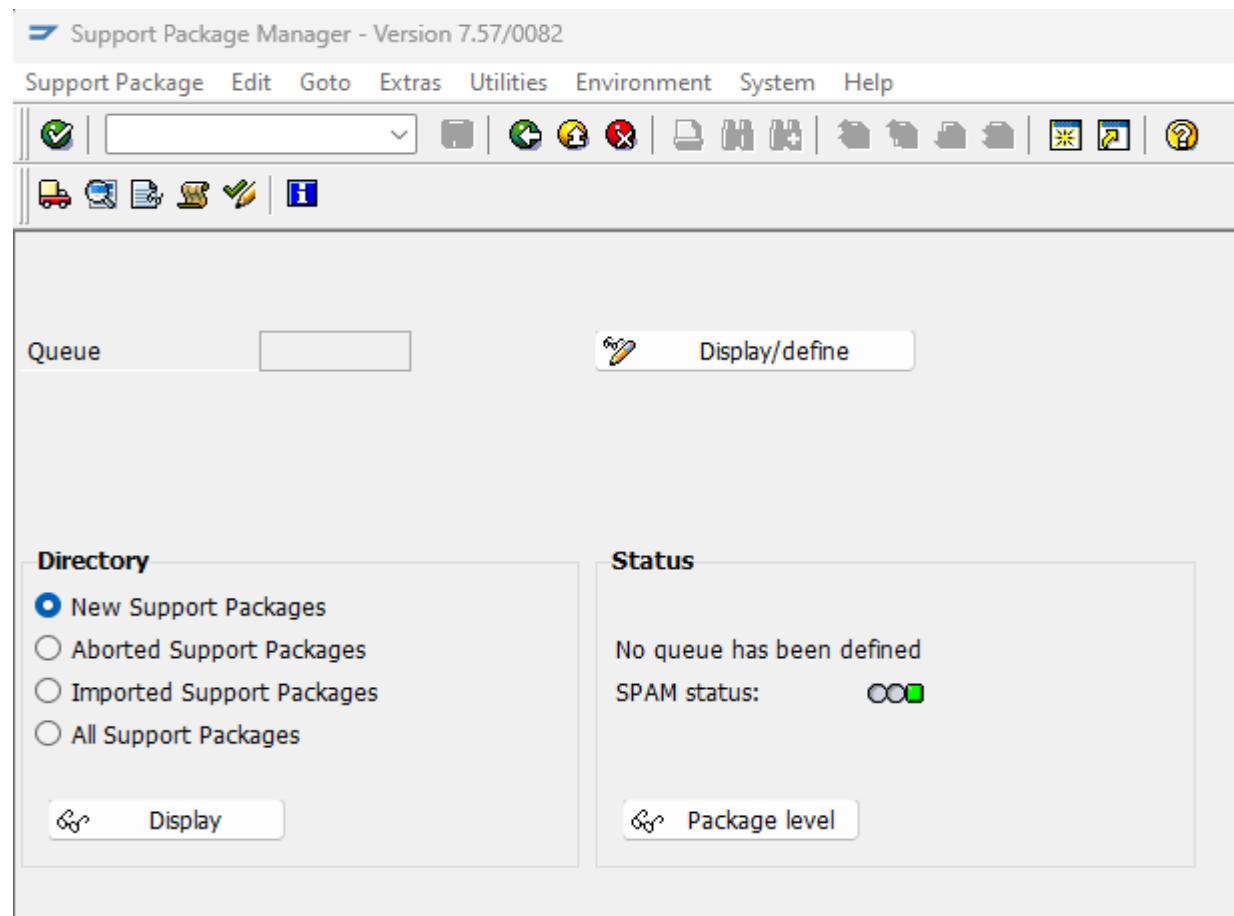


During the RDM installation you might face the following situation shown in the screenshot below. If there are existing non released transport requests containing objects of the RDM software component that you just want to install you will have a deadlock situation and user interaction is needed.

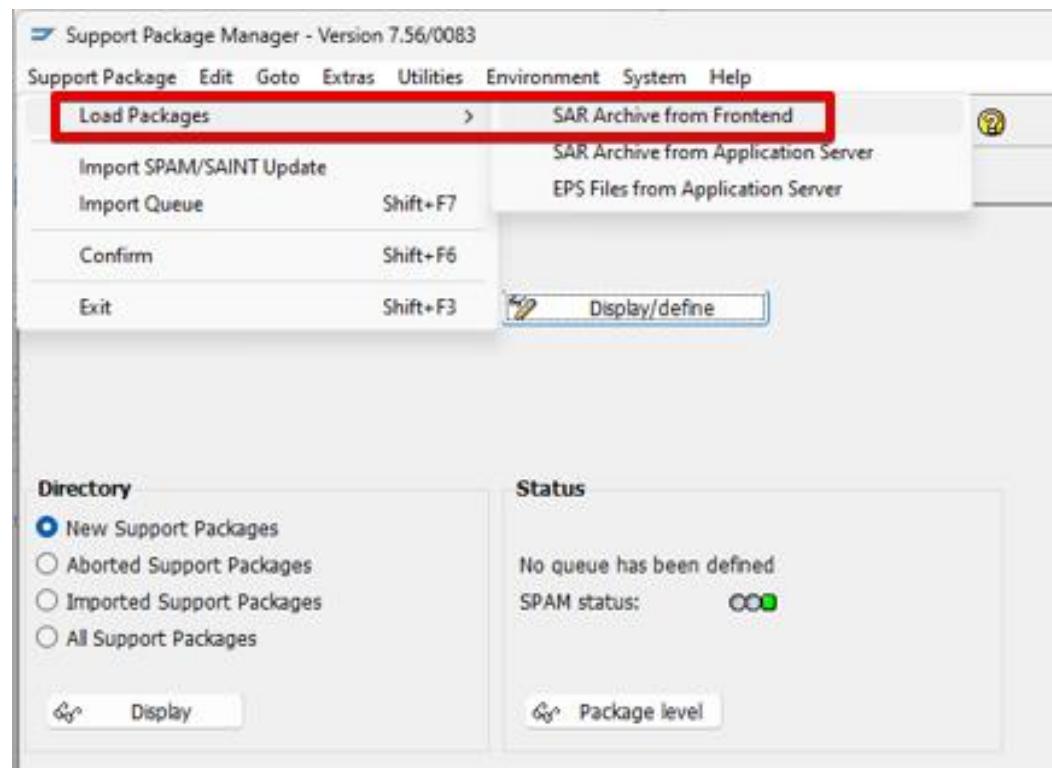


Phase OBJECTS_LOCKED_?: Objects Locked in Requests	
Request	Names of Locked Transport Objects
S02K900074	R3TR WDCC /ITR/I1_LGORT_SEARCH_DQUERY 00

## Transaction SPAM



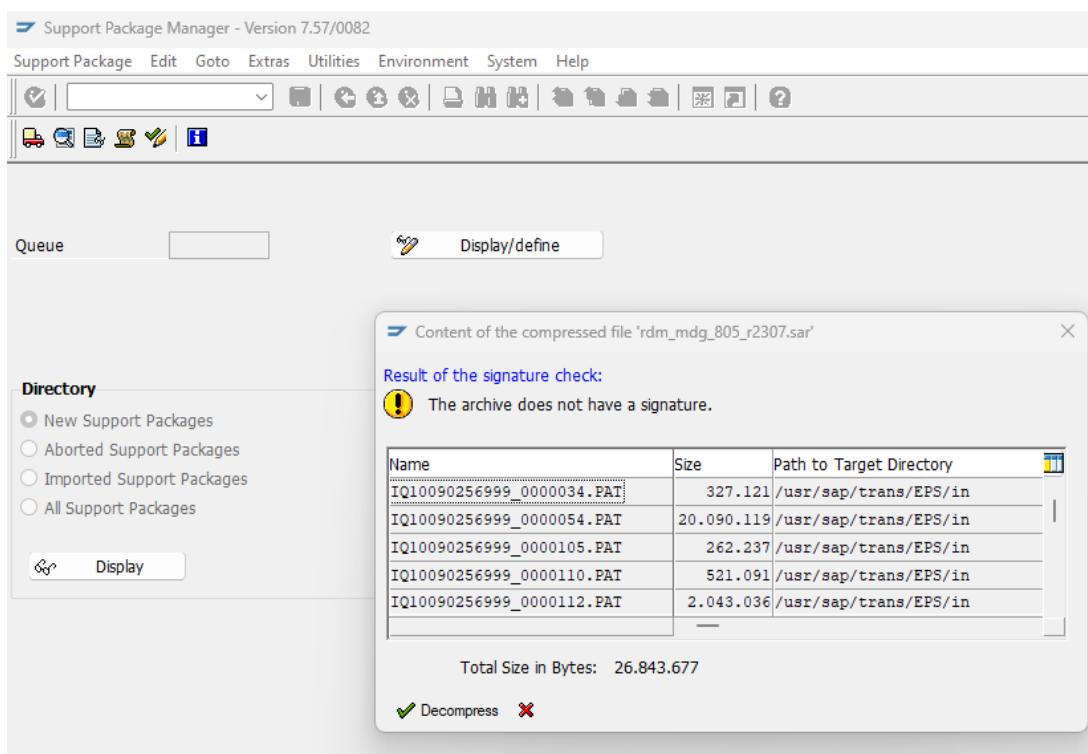
Here you have also the option of loading SAR files in order to install support packages



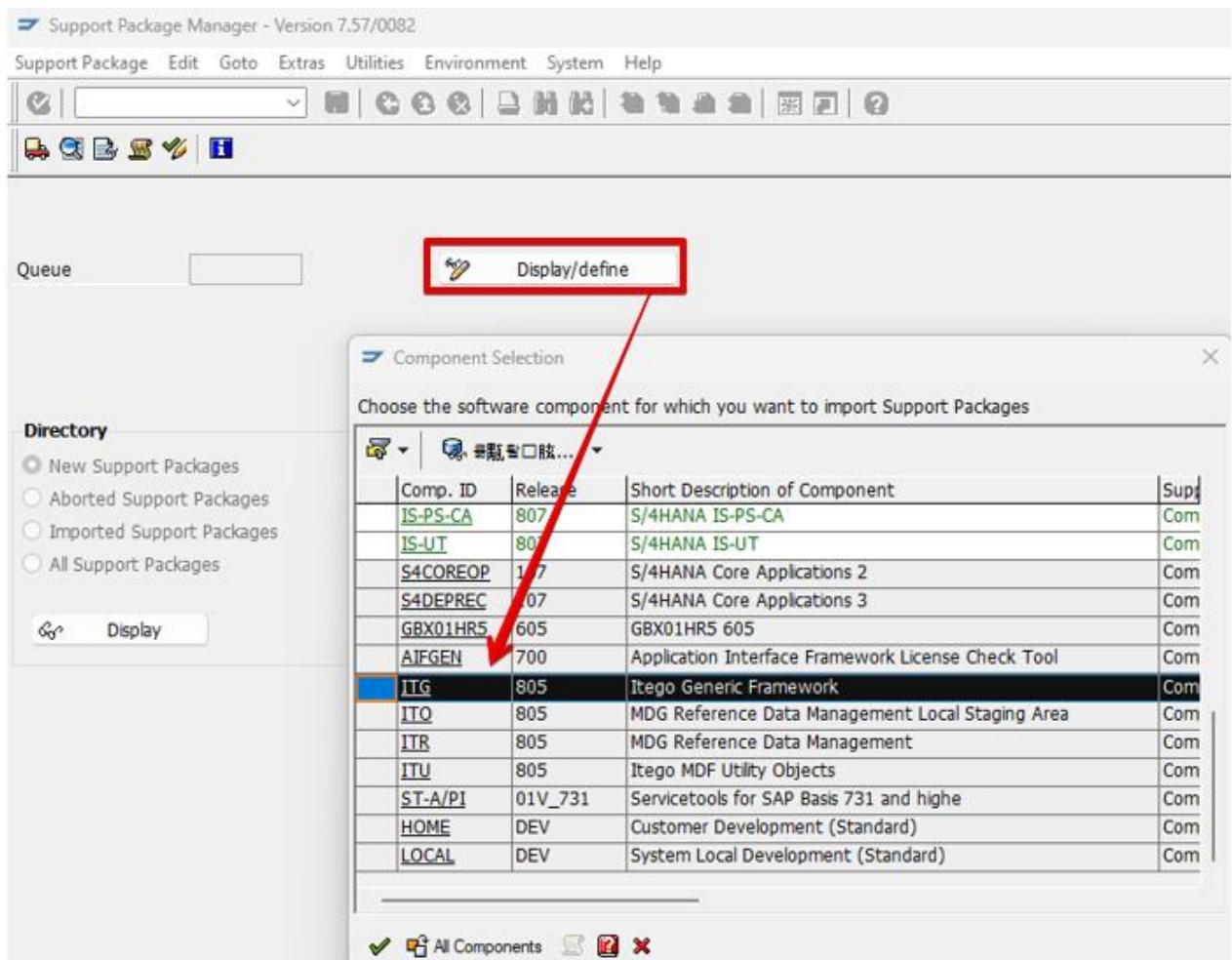
If the selected SAR file has not yet been loaded via SAINT, the assigned PAT files will be unpacked from the selected SAR file and the SAR file itself will be deleted.

Note:

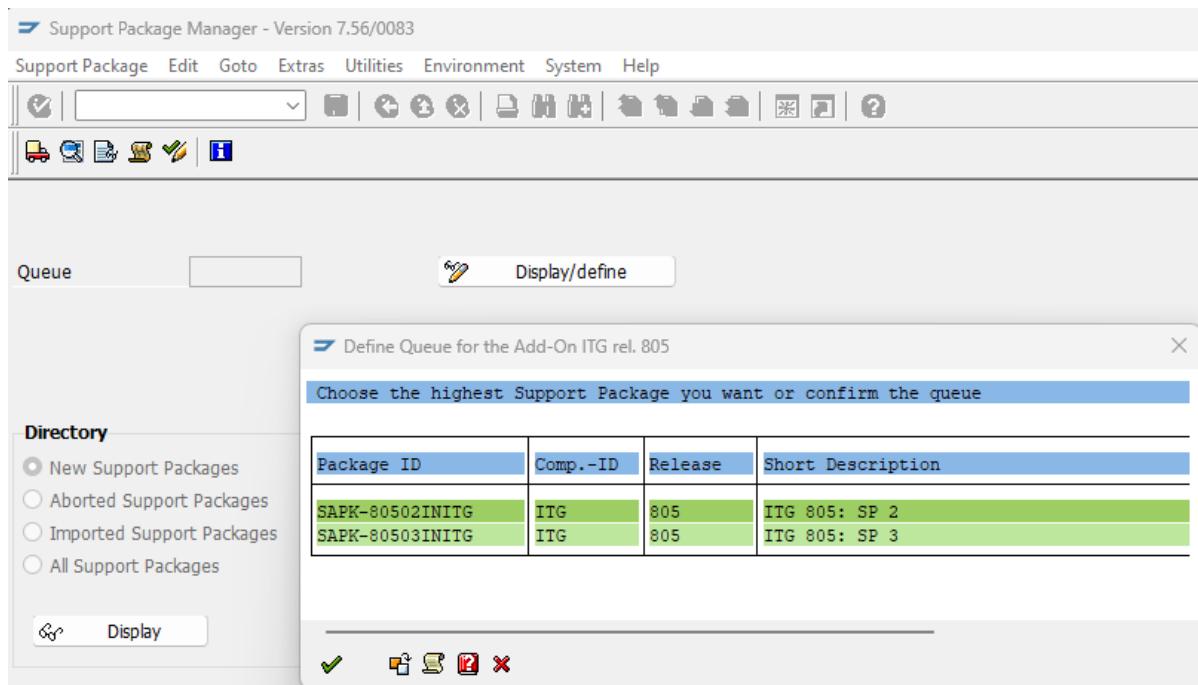
The shown PAT Files are just examples for this documentation – you will have PAT Files with other names.



Hit button "Display/define" to select the software component for which you want to install the support packages



The system automatically selects all support packages for the selected software component. You can leave it like that or select individual support packages, taking the order into account.



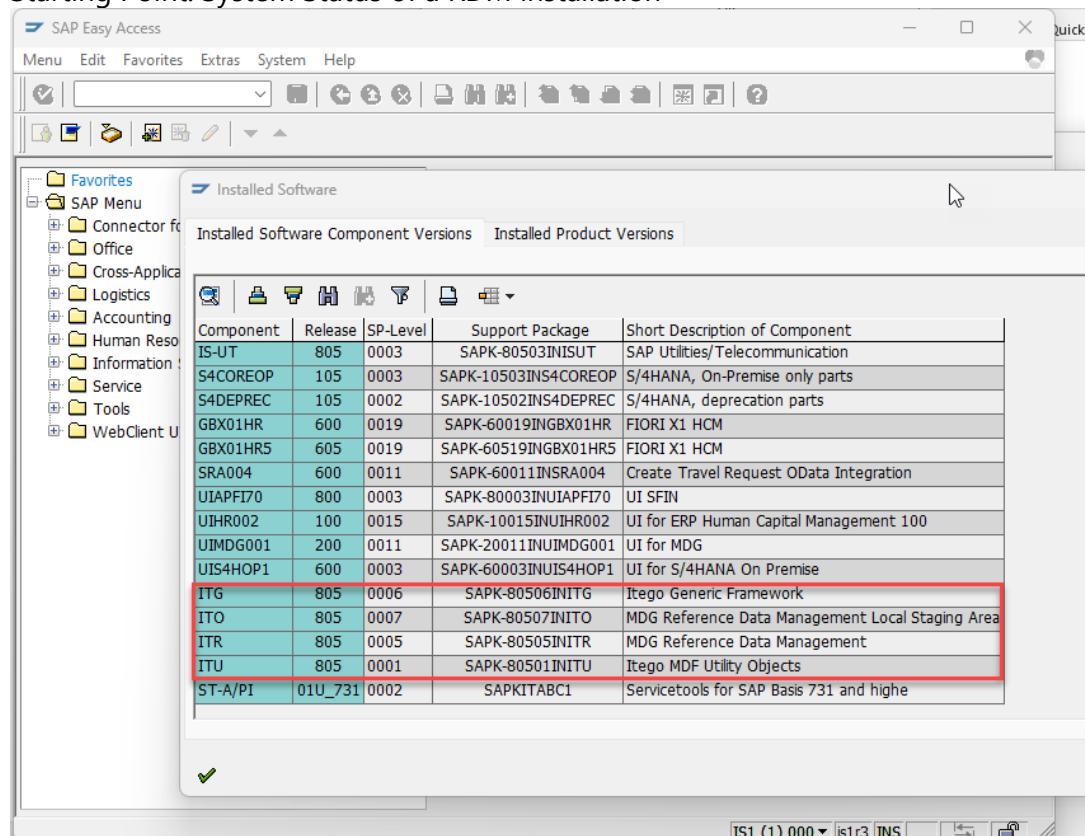
## 6 Uninstallation Example

This chapter shows how RDM can be uninstalled from the SAP MDG system. Please take the notes from chapter 4.1 into consideration.

Start uninstalling the software components of RDM in the reverse order in which you installed them. This means:

- ITR, "Reference Data Management",
- ITO, "Reference Data Management Local Staging"
- ITU, "MDF Utility Objects"
- ITG, "Generic Framework"

Starting Point: System Status of a RDM installation



The screenshot shows the SAP Easy Access interface with the 'Installed Software' table open. The table has columns for Component, Release, SP-Level, Support Package, and Short Description of Component. The rows for ITG, ITO, ITR, and ITU are highlighted with a red border. The SAP menu on the left shows various application icons.

Component	Release	SP-Level	Support Package	Short Description of Component
IS-UT	805	0003	SAPK-80503INISUT	SAP Utilities/Telecommunication
S4COREOP	105	0003	SAPK-10503INS4COREOP	S/4HANA, On-Premise only parts
S4DEPREC	105	0002	SAPK-10502INS4DEPREC	S/4HANA, depreciation parts
GBX01HR	600	0019	SAPK-60019INGBX01HR	FIORI X1 HCM
GBX01HRS5	605	0019	SAPK-60519INGBX01HRS5	FIORI X1 HCM
SRA004	600	0011	SAPK-60011INSRA004	Create Travel Request OData Integration
UIAPFI70	800	0003	SAPK-80003INUIAPFI70	UI SFIN
UIHR002	100	0015	SAPK-10015INUIHR002	UI for ERP Human Capital Management 100
UIMDG001	200	0011	SAPK-20011INUIMDG001	UI for MDG
UIS4HOP1	600	0003	SAPK-60003INUIS4HOP1	UI for S/4HANA On Premise
<b>ITG</b>	<b>805</b>	<b>0006</b>	<b>SAPK-80506INITG</b>	<b>Itego Generic Framework</b>
<b>ITO</b>	<b>805</b>	<b>0007</b>	<b>SAPK-80507INITO</b>	<b>MDG Reference Data Management Local Staging Area</b>
<b>ITR</b>	<b>805</b>	<b>0005</b>	<b>SAPK-80505INITR</b>	<b>MDG Reference Data Management</b>
<b>ITU</b>	<b>805</b>	<b>0001</b>	<b>SAPK-80501INITU</b>	<b>Itego MDF Utility Objects</b>
ST-A/PI	01U_731	0002	SAPKITABC1	Servicetools for SAP Basis 731 and higher

## Additional check with SE06 - System Change Option

System Change Option

Settings Edit Goto System Help

Client Setting

Global Setting Modifiable

Software Component	Technical Name	Modifiable
Add-On Assembly Kit	AOFTOOLS	Modifiable
SAP Enterprise Extension Defense Forces & ..	EA-DFPS	Modifiable
SAP Enterprise Extension HR	EA-HR	Modifiable
Subcomponent EA-HRCAE of EA-HR	EA-HRCAE	Modifiable
Subcomponent EA-HRCAR of EA-HR	EA-HRCAR	Modifiable
Subcomponent EA-HRCAT of EA-HR	EA-HRCAT	Modifiable
Subcomponent EA-HRCAU of EA-HR	EA-HRCAU	Modifiable

Namespace/Name Range	Prefix	Modifiable
INDEX	/ISHCDP/	Modifiable
Itego RDM Generic Objects	/ISHFR/	Modifiable
Itego RDM Local Staging Area - LSA	/ISINDEX/	Modifiable
Itego Reference Data Management - RDM	/ITG/	Modifiable
Itego RDM MDF Utility Objects	/ITO/	Modifiable
	/ITR/	Modifiable
	/ITU/	Modifiable
	/IWBEPE/	Modifiable
	/TWCOR/	Modifiable

## TADIR selection with Software Components ITG, ITU, ITO and ITR

General Table Display

Table Display Edit Goto Extras System Help

Background Number of Entries All Entries View Maintenance

Table: TADIR | Directory of Repository Objects

Text table | No texts

Layout | Maintain entries

Maximum no. of hits: 500

Get Field

Selection Criteria

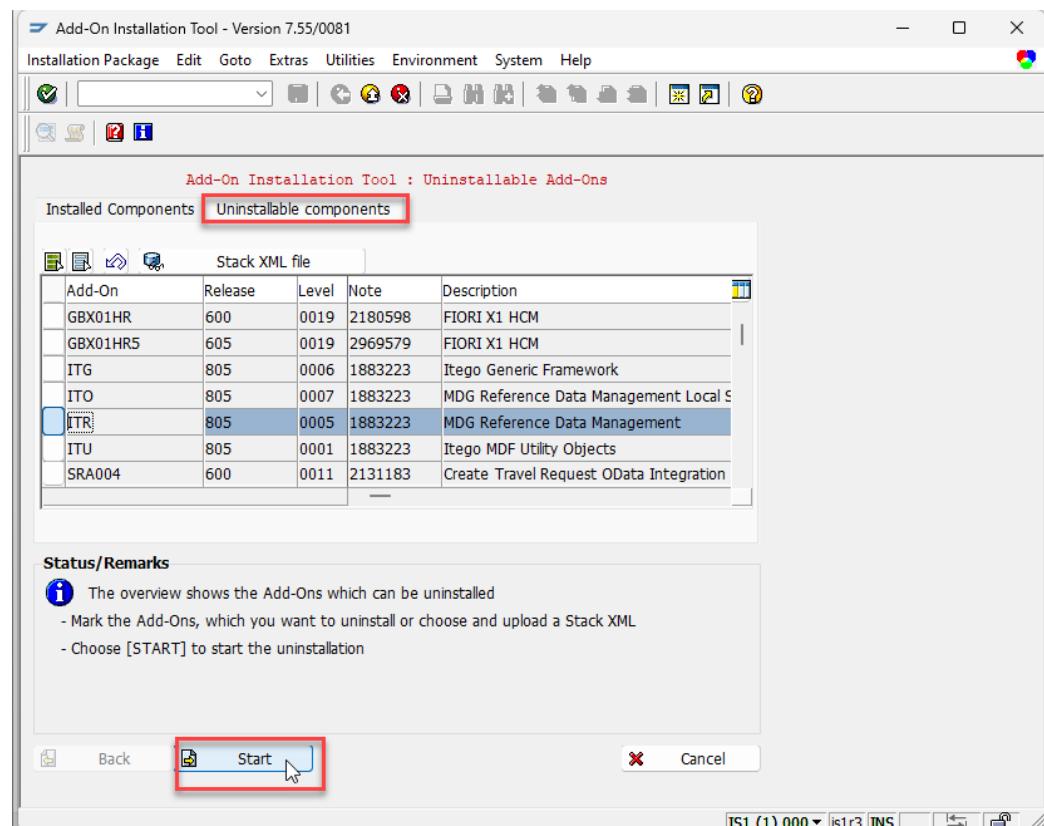
Fld name	O.. Fr.Value	To value	More	Output	Technical name
Program ID	ITG		→	✓	PGMID
Object Type	ITG		→	✓	OBJECT
Object Name	ITG		→	✓	OBJ_NAME
Request/Task	ITG		→	✓	KORRNUM
Original System	ITG		→	✓	SRCSYSTEM
Pers.Responsib.	ITG		→	✓	AUTHOR
Repair Flag	ITG	Number of Entries Found	→	✓	SRCDEP
Package	ITG	Entries found	4.525	✓	DEVCLASS
Generation Flag	ITG		→	✓	GENFLAG
Editable	ITG		→	✓	EDTFLAG
Internal Use	ITG	✓ ✕	→	✓	CPROJECT
Original Lang.	ITG		→	✓	MASTERLANG
Version number	ITG		→	✓	VERSID
Check exception	ITG		→	✓	PAKNOCHECK
Deployment Target	ITG		→	✓	OBJSTABLTY
Softw. Comp.	ITG		→	✓	COMPONENT
SAP Release	ITG		→	✓	CRELEASE
Object Deleted	ITG		→	✓	DELFLAG
Translate	ITG		→	✓	TRANSLTXT
Created On	ITG		→	✓	CREATED_ON

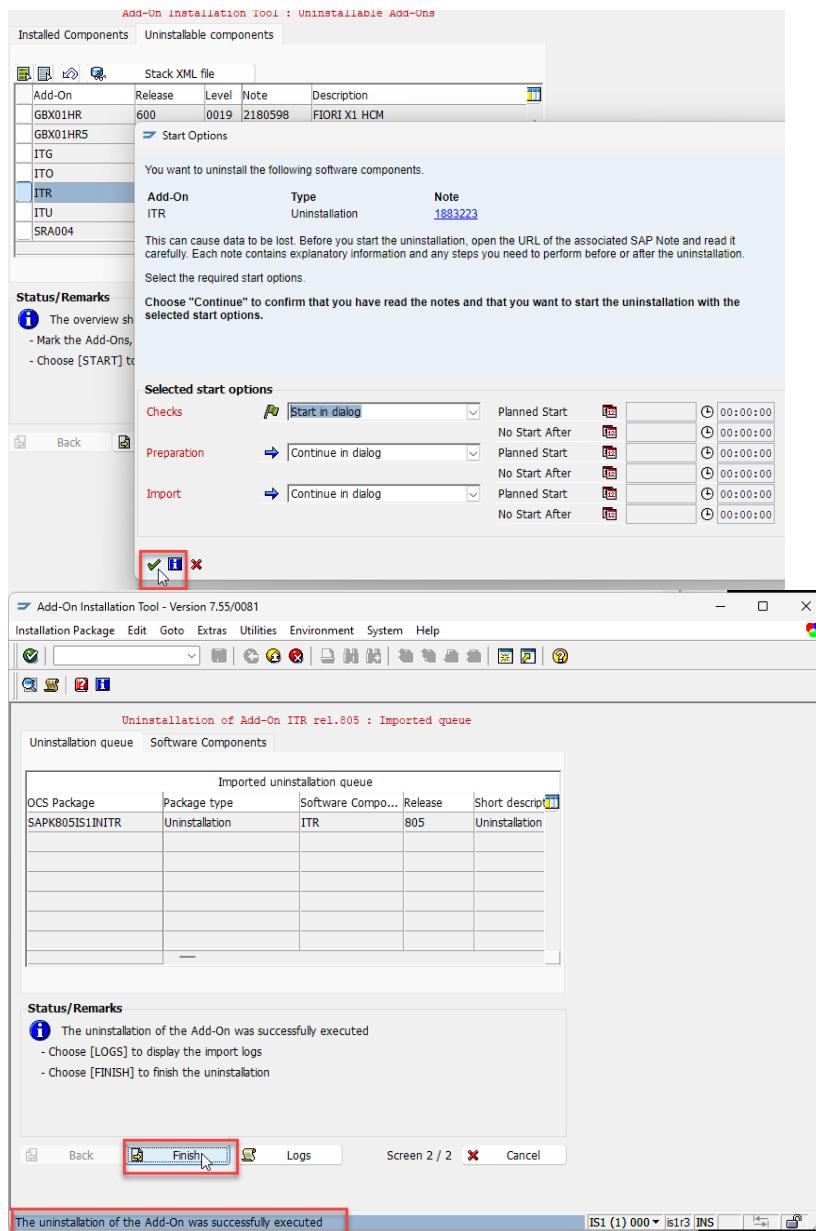
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## Uninstall ITR

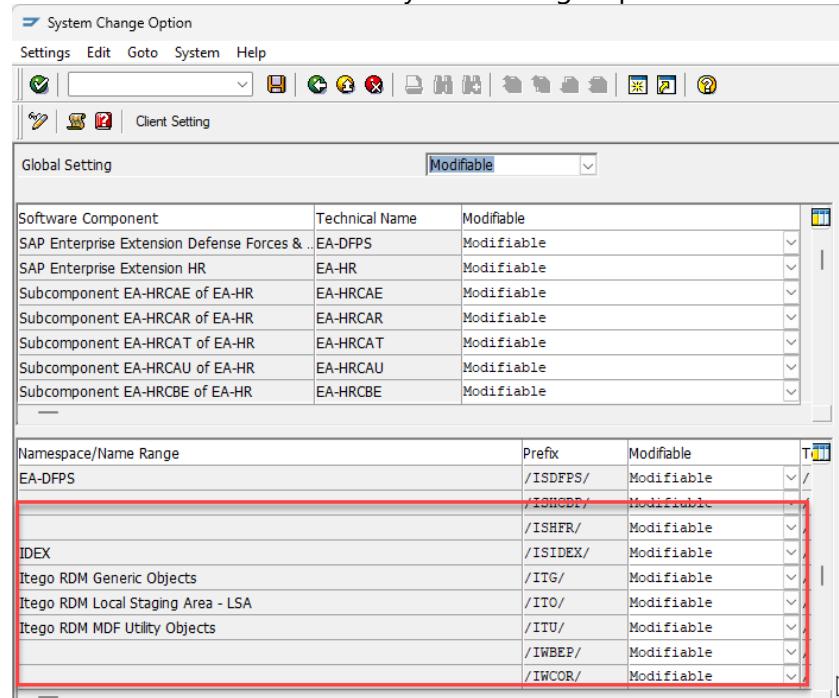
Please ensure, that data model I1 has an activated status. This is the precondition that all data model related DDIC objects can be determined.

Start SAINT to uninstall ITR – start and confirm





## Additional check with SE06 - System Change Option



The screenshot shows the SAP SE06 - System Change Option interface. The top menu bar includes 'System Change Option', 'Settings', 'Edit', 'Goto', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main area is divided into two tables: 'Global Setting' and 'Namespace/Name Range'.

**Global Setting**

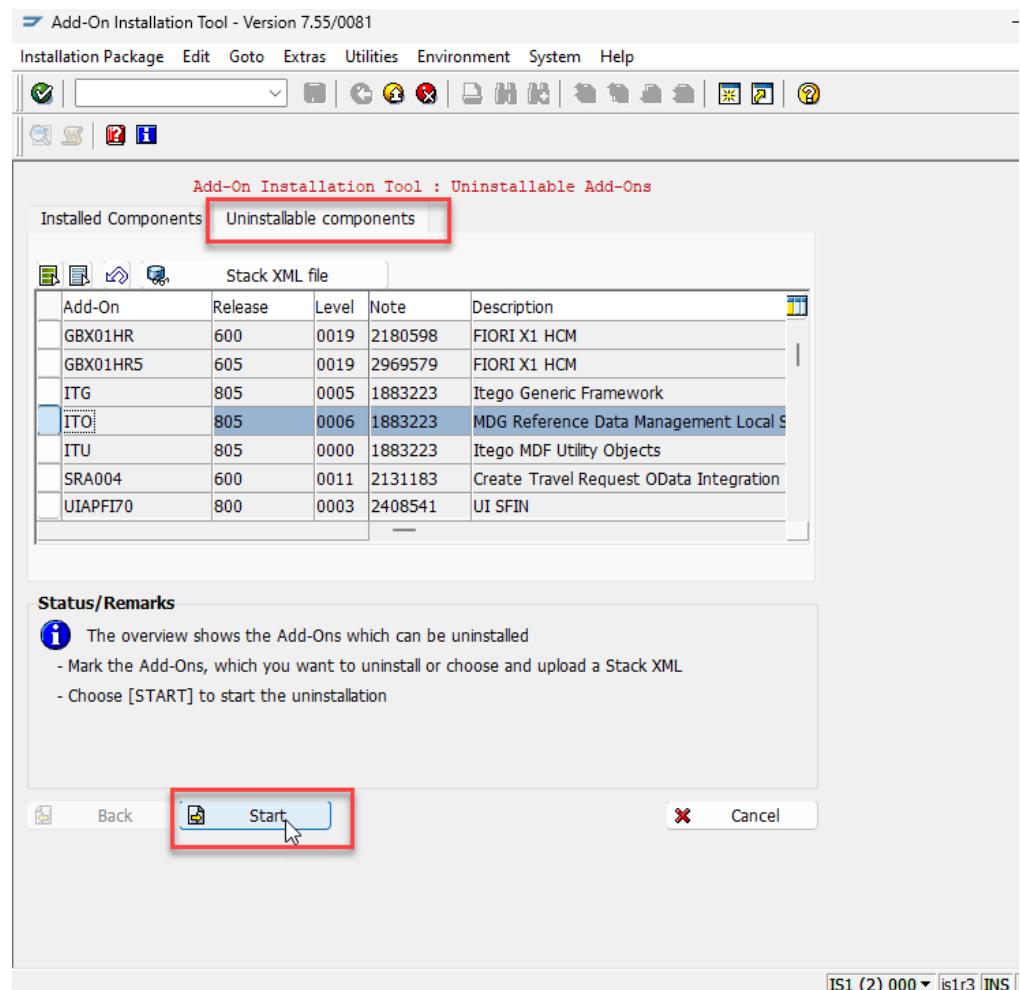
Software Component	Technical Name	Modifiable
SAP Enterprise Extension Defense Forces &...	EA-DFPS	Modifiable
SAP Enterprise Extension HR	EA-HR	Modifiable
Subcomponent EA-HRCAE of EA-HR	EA-HRCAE	Modifiable
Subcomponent EA-HRCAR of EA-HR	EA-HRCAR	Modifiable
Subcomponent EA-HRCAT of EA-HR	EA-HRCAT	Modifiable
Subcomponent EA-HRCAU of EA-HR	EA-HRCAU	Modifiable
Subcomponent EA-HRCBE of EA-HR	EA-HRCBE	Modifiable

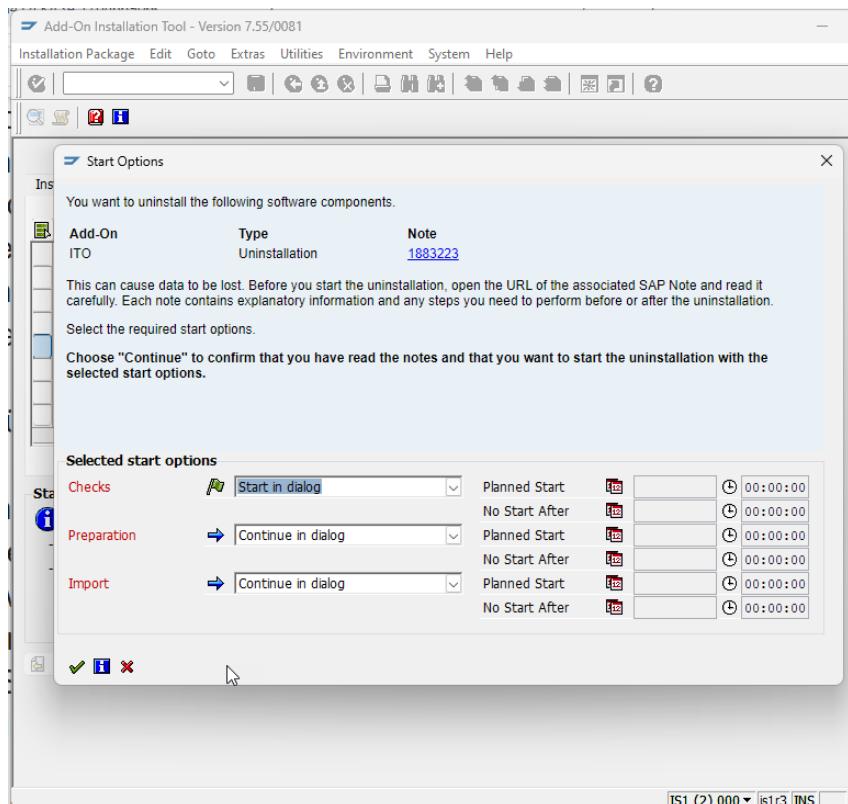
**Namespace/Name Range**

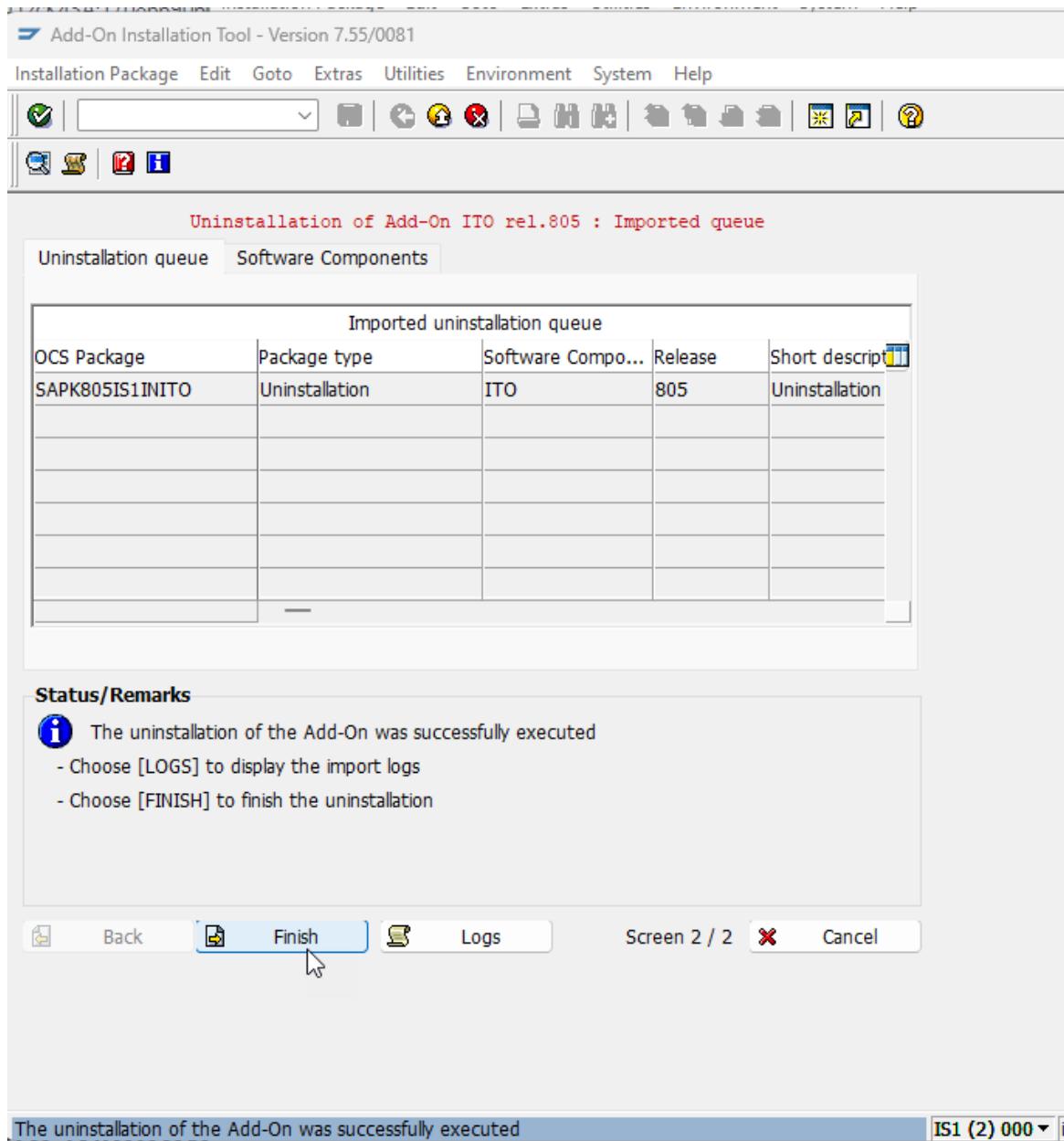
Namespace/Name Range	Prefix	Modifiable
EA-DFPS	/ISDFPS/	Modifiable
	/ISWODP/	Modifiable
INDEX	/ISINDEX/	Modifiable
Itego RDM Generic Objects	/ITG/	Modifiable
Itego RDM Local Staging Area - LSA	/ITO/	Modifiable
Itego RDM MDF Utility Objects	/ITU/	Modifiable
	/IWBEPE/	Modifiable
	/IWCOR/	Modifiable

The 'Namespace/Name Range' table has several rows highlighted with a red border. The first three rows (EA-DFPS, INDEX, and Itego RDM Generic Objects) are fully visible. The subsequent rows (ITO, ITU, IWBEPE, and IWCOR) are partially visible and appear to be part of a larger list.

## Uninstall ITO







SAP Easy Access

Menu Edit Favorites Extras System Help

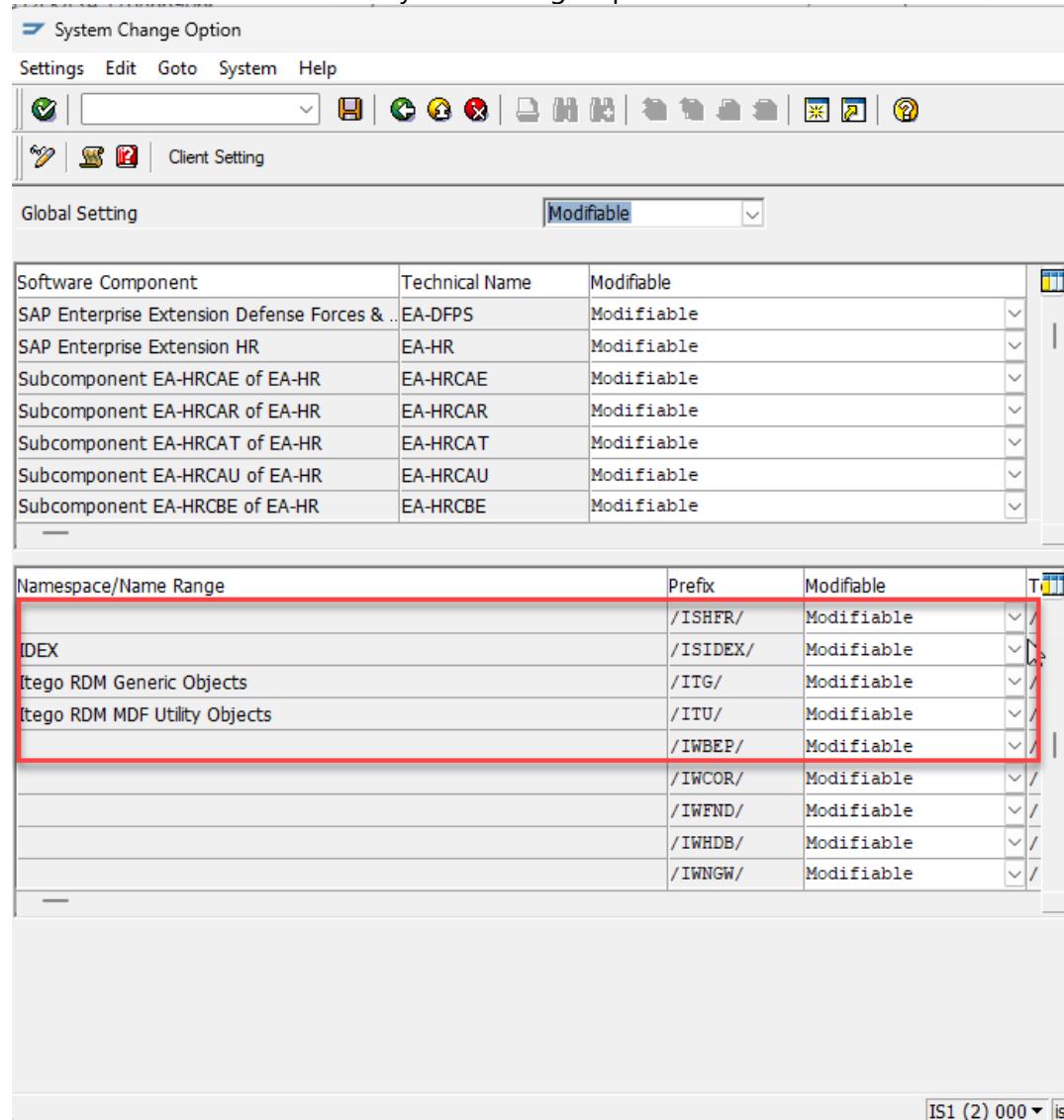
Installed Software

Installed Software Component Versions    Installed Product Versions

Component Release SP-Level Support Package Short Description of Component

Component	Release	SP-Level	Support Package	Short Description of Component
IS-PRA	805	0003	SAPK-80503INISPRA	SAP IS-PRA
IS-PS-CA	805	0003	SAPK-80503INISPSCA	IS-PUBLIC SECTOR CONTRACT ACCOUNTING
IS-UT	805	0003	SAPK-80503INISUT	SAP Utilities/Telecommunication
S4COREOP	105	0003	SAPK-10503INS4COREOP	S/4HANA, On-Premise only parts
S4DEPREC	105	0002	SAPK-10502INS4DEPREC	S/4HANA, deprecation parts
GBX01HR	600	0019	SAPK-60019INGBX01HR	FIORI X1 HCM
GBX01HR5	605	0019	SAPK-60519INGBX01HRS	FIORI X1 HCM
SRA004	600	0011	SAPK-60011INSRA004	Create Travel Request OData Integration
UIAPFI70	800	0003	SAPK-80003INUIAPFI70	UI SFIN
UIHR002	100	0015	SAPK-10015INUHR002	UI for ERP Human Capital Management 100
UIMDG001	200	0011	SAPK-20011INUIMDG001	UI for MDG
UIS4HOP1	600	0003	SAPK-60003INUIS4HOP1	UI for S/4HANA On Premise
ITG	805	0005	SAPK-80505INITG	Itego Generic Framework
ITU	805	0000	-	Itego MDF Utility Objects
ST-A/PI	01U_731	0002	SAPKITABC1	Servicetools for SAP Basis 731 and higher

## Additional check with SE06 - System Change Option



The screenshot shows the SAP SE06 - System Change Option interface. The top menu bar includes 'System Change Option', 'Settings', 'Edit', 'Goto', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main area contains two tables. The first table, titled 'Global Setting', shows software components and their technical names, all marked as 'Modifiable'. The second table, titled 'Namespace/Name Range', shows namespaces and their prefixes, also marked as 'Modifiable'. The rows for 'INDEX', 'Itego RDM Generic Objects', and 'Itego RDM MDF Utility Objects' are highlighted with a red border.

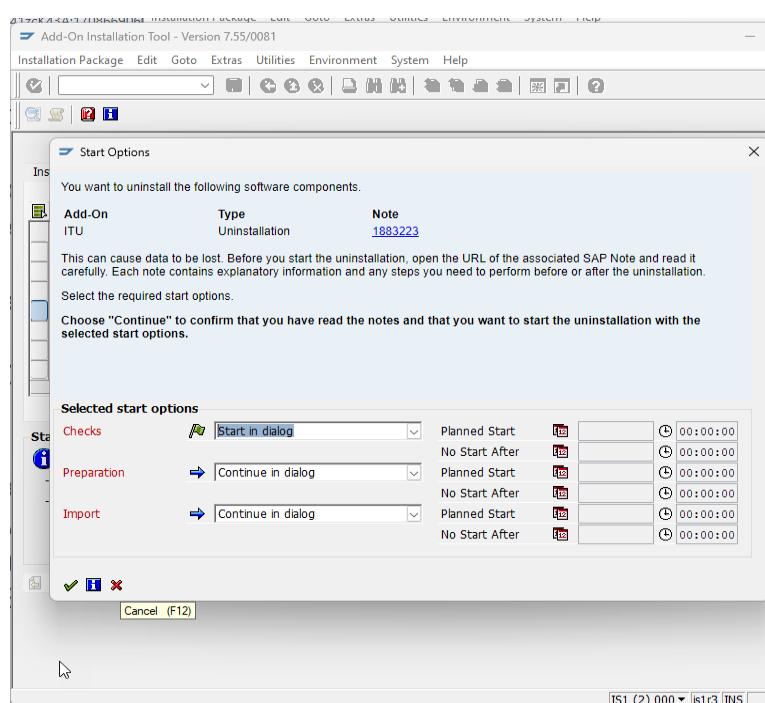
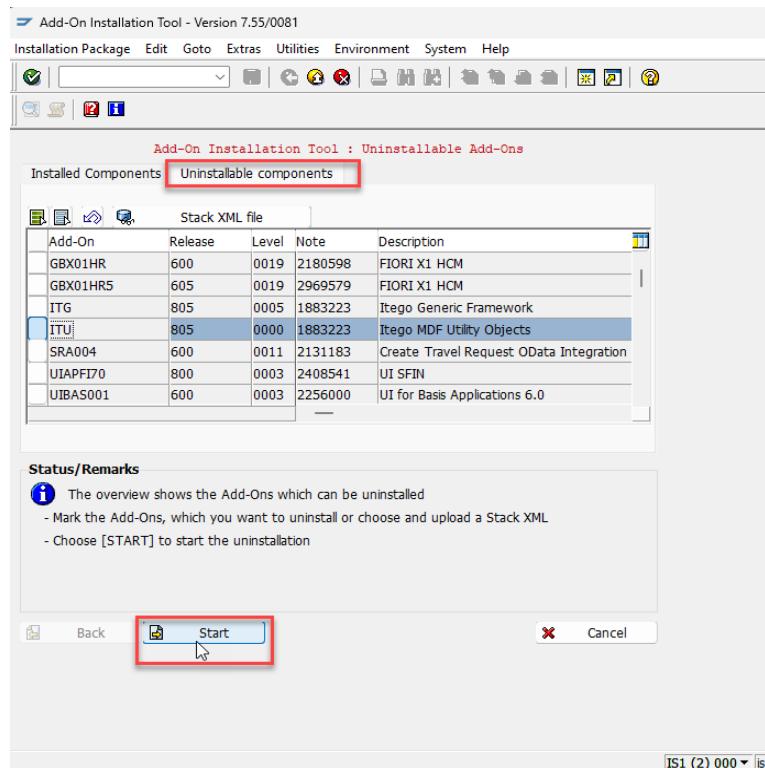
Software Component	Technical Name	Modifiable
SAP Enterprise Extension Defense Forces & ..	EA-DFPS	Modifiable
SAP Enterprise Extension HR	EA-HR	Modifiable
Subcomponent EA-HRCAE of EA-HR	EA-HRCAE	Modifiable
Subcomponent EA-HRCAR of EA-HR	EA-HRCAR	Modifiable
Subcomponent EA-HRCAT of EA-HR	EA-HRCAT	Modifiable
Subcomponent EA-HRCAU of EA-HR	EA-HRCAU	Modifiable
Subcomponent EA-HRCBE of EA-HR	EA-HRCBE	Modifiable

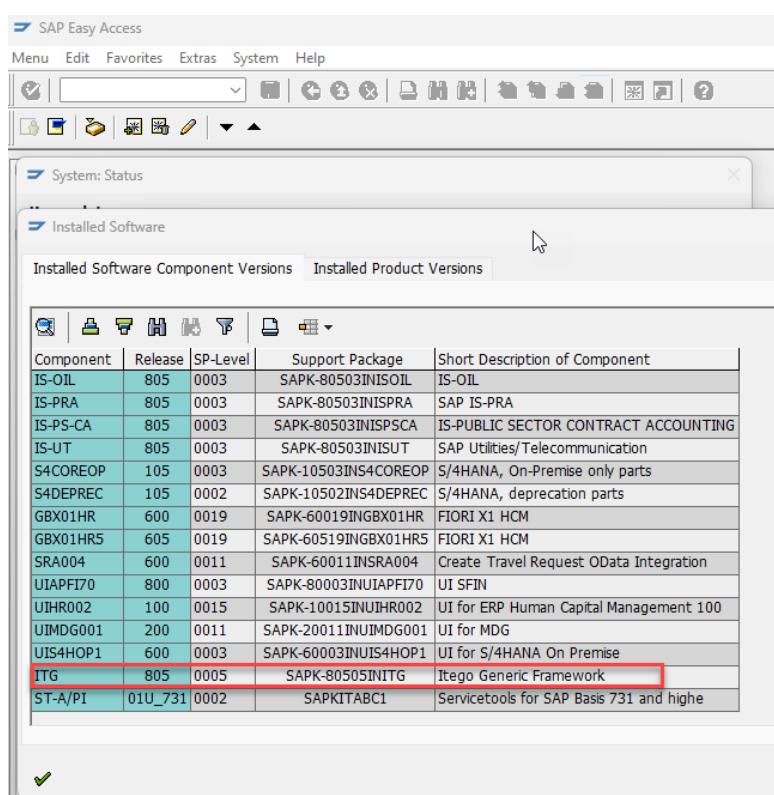
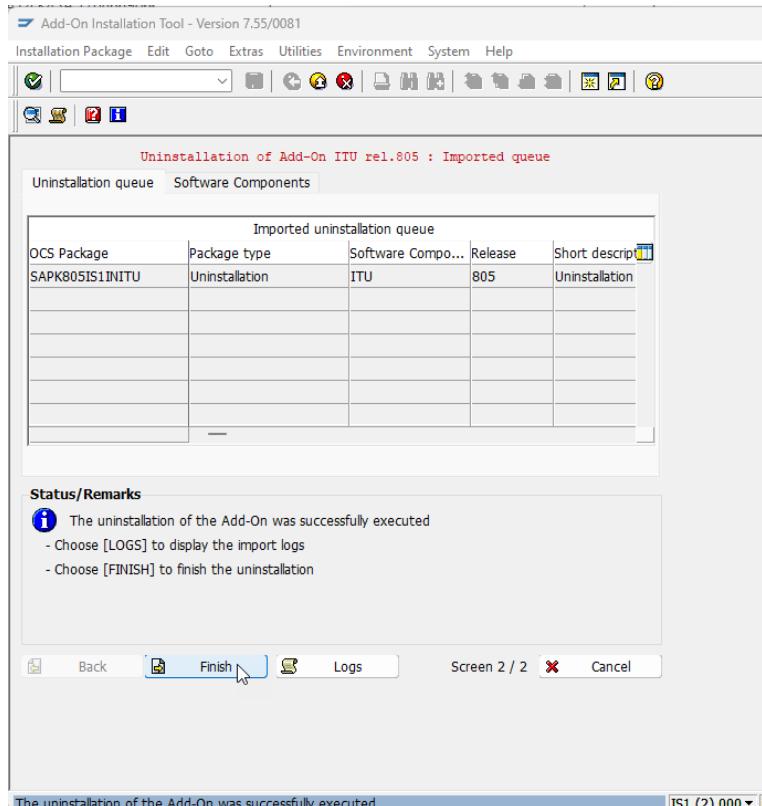
  

Namespace/Name Range	Prefix	Modifiable
INDEX	/ISHFR/	Modifiable
Itego RDM Generic Objects	/ISINDEX/	Modifiable
Itego RDM MDF Utility Objects	/ITG/	Modifiable
	/ITU/	Modifiable
	/IWBEPE/	Modifiable
	/IWCOR/	Modifiable
	/IWFND/	Modifiable
	/IWHDB/	Modifiable
	/IWNFW/	Modifiable

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## Uninstall ITU





## Additional check with SE06 - System Change Option

System Change Option

Settings Edit Goto System Help

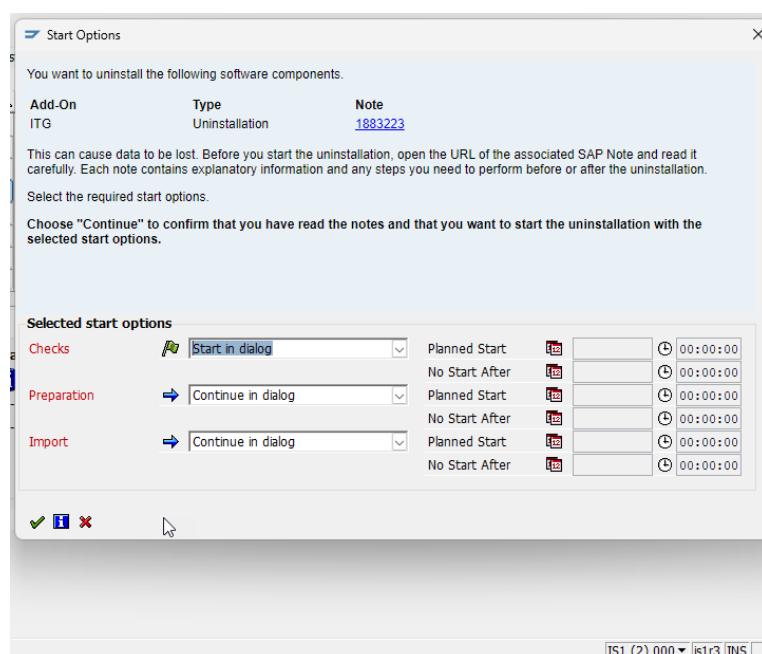
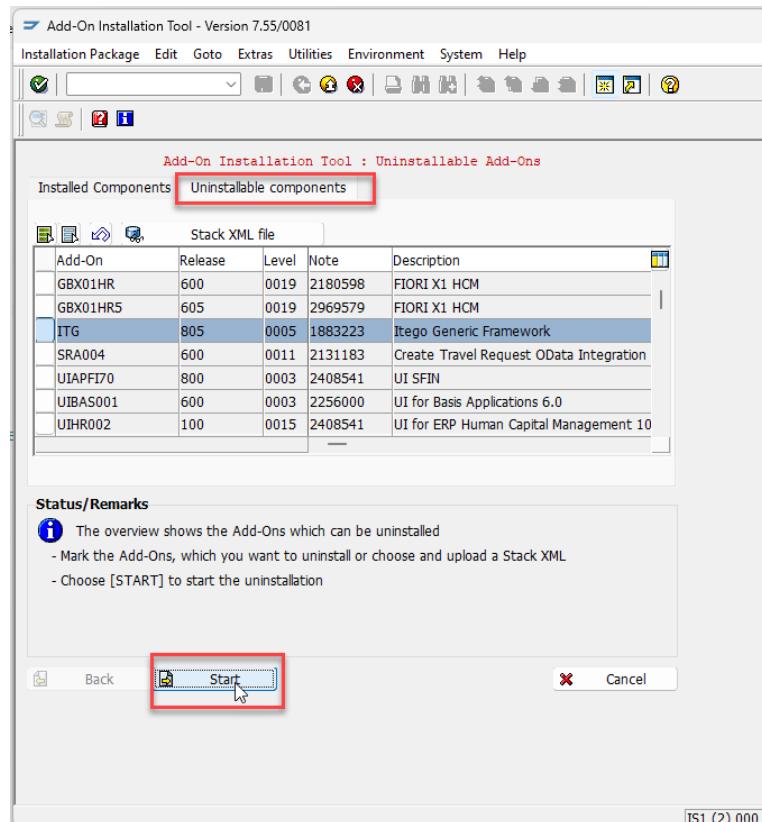
Client Setting

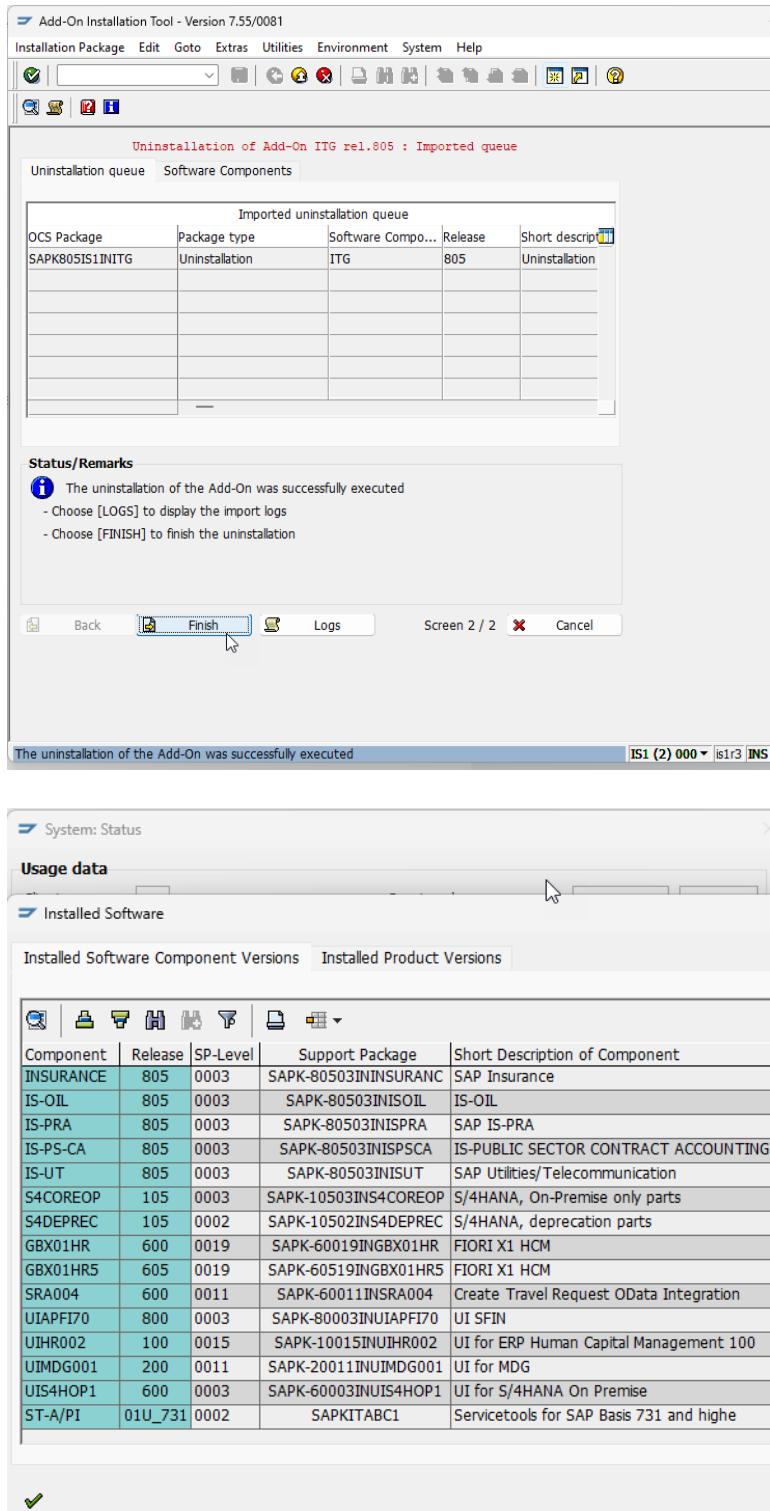
Global Setting **Modifiable**

Software Component	Technical Name	Modifiable
SAP Enterprise Extension Defense Forces &...	EA-DFPS	Modifiable
SAP Enterprise Extension HR	EA-HR	Modifiable
Subcomponent EA-HRCAE of EA-HR	EA-HRCAE	Modifiable
Subcomponent EA-HRCAR of EA-HR	EA-HRCAR	Modifiable
Subcomponent EA-HRCAT of EA-HR	EA-HRCAT	Modifiable
Subcomponent EA-HRCAU of EA-HR	EA-HRCAU	Modifiable
Subcomponent EA-HRCBE of EA-HR	EA-HRCBE	Modifiable
—		
Namespace/Name Range	Prefx	Modifiable
Document Builder	/IPRO/	Modifiable
EA-DFPS	/ISDFPS/	Modifiable
	/ISHCDP/	Modifiable
	/ISHFR/	Modifiable
INDEX	/ISIDEX/	Modifiable
Itego RDM Generic Objects	/ITG/	Modifiable
	/IWBEPE/	Modifiable
—		

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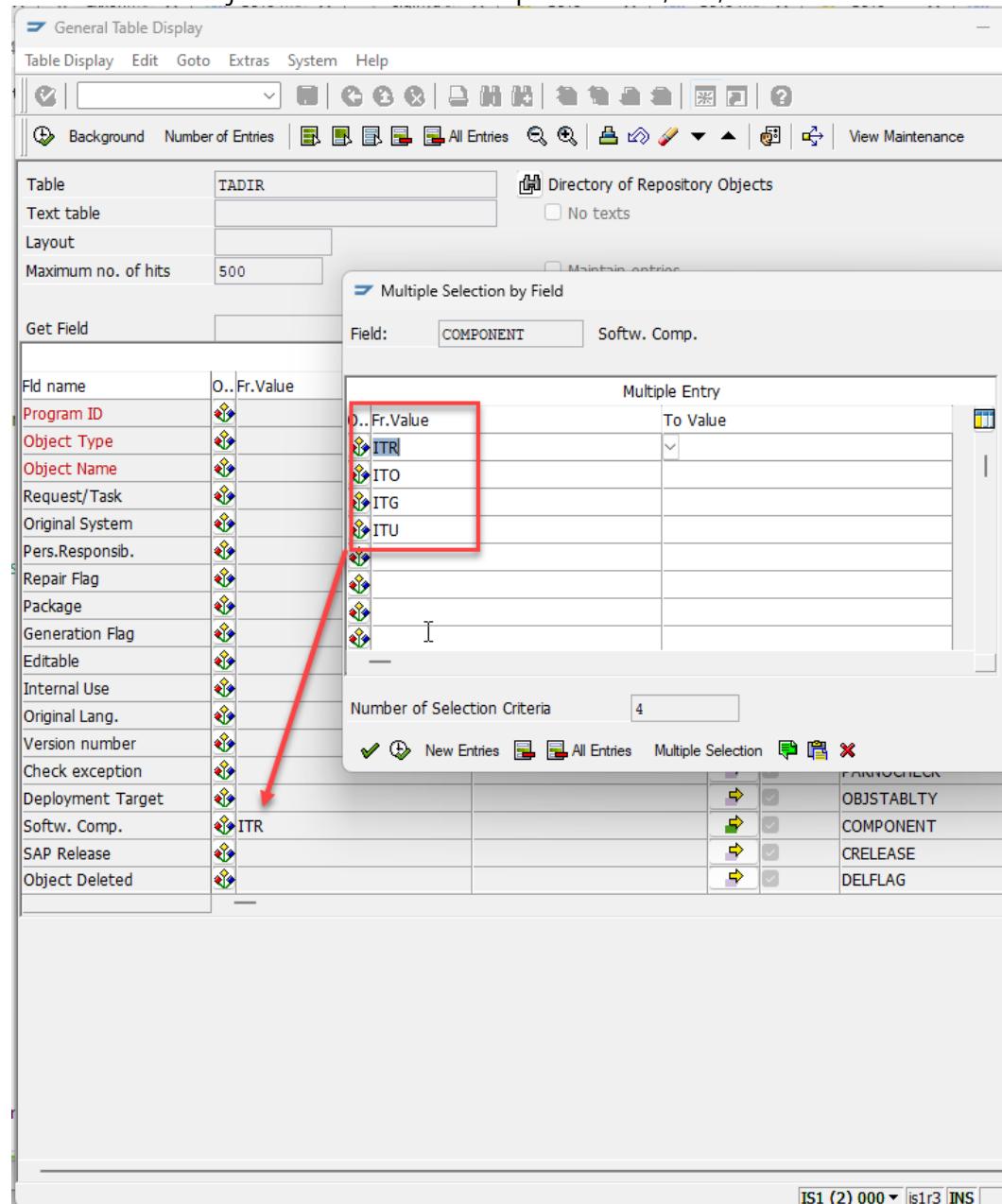
## Uninstall ITG





## Uninstall Check via TADIR

Select all RDM objects with software components ITG, ITU, ITO and ITR.



The screenshot shows the SAP TADIR table display. The table is titled 'TADIR' and has a 'Text table' section below it. The 'Layout' section is empty, and the 'Maximum no. of hits' is set to 500. The 'Get Field' section shows a list of fields with their O. and Fr. Value. A red box highlights the 'Fr. Value' column for the 'Softw. Comp.' field, which contains the values ITR, ITO, ITG, and ITU. A red arrow points from the 'Deployment Target' row in the main table to the 'Fr. Value' column of the selection dialog. The 'Multiple Selection by Field' dialog is open, showing the 'Field: COMPONENT' and 'Softw. Comp.' selection. The 'Multiple Entry' table has four entries: ITR, ITO, ITG, and ITU. The 'Number of Selection Criteria' is set to 4. The bottom right of the dialog shows checkboxes for 'CONNCHECK', 'OBJSTABLTY', 'COMPONENT', 'CRELEASE', and 'DEFLAG'. The status bar at the bottom right shows 'IS1 (2) 000 is1r3 INS'.

This TADIR check shows, that all RDM objects (more than 4,500) with software components ITG, ITR, ITO and ITR have been removed successfully – no values found.

General Table Display

Table Display Edit Goto Extras System Help

Background Number of Entries All Entries View Maintenance

Table **TADIR** Directory of Repository Objects

No texts Maintain entries

Text table Layout Maximum no. of hits 500

Get Field Selection Criteria

Fld name	O..Fr.Value	To value	More	Output	Technical name
Program ID	ITR				PGMID
Object Type					OBJECT
Object Name					OBJ_NAME
Request/Task					KORRNUM
Original System					SRCSYSTEM
Pers.Responsib.					AUTHOR
Repair Flag					SRCDEP
Package					DEVCLASS
Generation Flag					GENFLAG
Editable					EDTFLAG
Internal Use					CPROJECT
Original Lang.					MASTERLANG
Version number					VERSID
Check exception					PAKNOCHECK
Deployment Target					OBJSTABLTY
Softw. Comp.	ITR				COMPONENT
SAP Release					CRELEASE
Object Deleted					DELFLAG
Translate					TRANSLTXT
Created On					CREATED_ON

E: No values found

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