



Installation of components
for SmartExporter
using an Add-On

SmartExporter - Add-On Installation

Instruction to install
the Add-On and the Patches

USER GUIDE



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Documentation

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Introduction

For the installation of the SmartExporter SAP® components you can also use an Add-On instead of the transport requests. This Add-On is certified by SAP SE. The certificate can be found in the folder **SmartExporter SAP Components\AddOn\SAPCertificate** on the SAP® Components CD (or, if you have downloaded the SmartExporter version, in the **SAP Components\SmartExporter SAP Components\AddOn\SAPCertificate** folder of the ZIP file).

Additionally, there are patches for the Add-On available which have to be installed in ascending order.

For detailed information on how to implement the Add-On refer to the SAP® help <http://help.sap.com> (section "Add-On Installation Tool").

System Requirements

The Add-On for the SmartExporter SAP® components can be installed on SAP® systems based on SAP NetWeaver® 7XX. The Add-On was tested and developed for the environments described in the following:

- SAP Basis Component (SAP_BASIS): 700, 701, 702, 731, 740, 750, 751, 752
- SAP Cross Application Component (SAP_ABA): 700, 701, 702, 731, 740, 750, 751, 752, 75A, 75B, 75C
- Patch Level Basis Component (SAPKBXXXXX):
 - 700 SAPKB70009
 - 701 SAPKB70105
 - 702 SAPKB70203
 - 740 SAPKB74004
 - 750 without patch level
 - 751 without patch level
 - 752 without patch level
- Patch Level Cross Application Component (SAPKAXXXXX):
 - 700 SAPKA70009
 - 701 SAPKA70105
 - 702 SAPKA70203
 - 740 SAPKA74004
 - 750 without patch level
 - 751 without patch level
 - 752 without patch level
 - 75A without patch level
 - 75B without patch level
 - 75C without patch level
- SPAM/SAINT: Patch Level 0021 for installation (see also patch level for uninstalling the Add-On)

The disk space required in the transport directory is approximately 4 MB.

Scope of delivery

The software will be delivered on a data carrier or by download. The data carrier (or the **SAP Components** folder in the ZIP file of the download) contains the **SmartExporter SAP Components** directory with the following content:

- Installation and configuration guide in PDF file format (in the **Documentation** folder)
- SAR and PAT files in the version directory **AddOn\700\DATA**
- Support packages as SAR and PAT files in the version directory **AddOn\700\PATCHES**
- SAP® certificate in the **AddOn\SAPCertificate** folder

The folder structure is shown in figure 1.

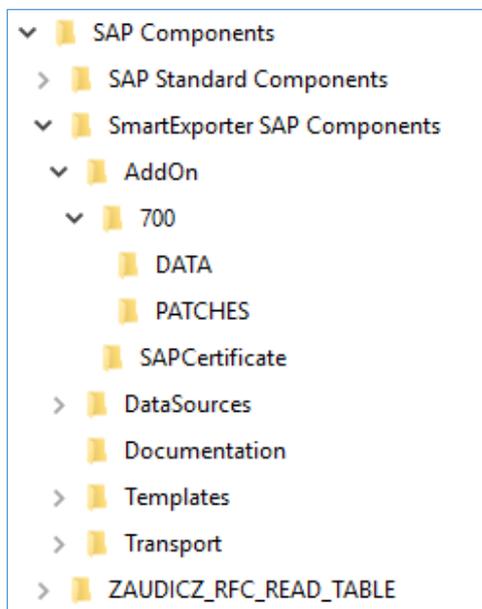


Figure 1: Folder structure

In the **DATA** and **PATCHES** directories you will find the installation files for the corresponding SAP BASIS release.

ASE_XXX_700.SAR	Installation package XXX represents the current version number, e.g. 400, 500, 501, 600
ASE_XXX_700_ACP_NNN.SAR	Attribute Change Package for the installation package
ASE_XXX_700_SPZ.SAR	(optional) installation patch Z
AC80020604464_NNNNNNN.PAT	installation file, patch file and attribute file for SAP BASIS version 700

Please refer to the "Readme.txt" file on the SAP® Components CD for the assignment of the PAT files to the various installation, upgrade, attribute and patch versions. (In case you have downloaded the SmartExporter version, you find the file in the **SAP Components** folder.)

NOTE:

During the installation of the Add-On by means of the SAINT transaction the requirements you have to meet to install the Add-On will be checked.

Only load the Attribute Change Packages into your SAP® system if the SPAM/SAINT version is 63 or higher.

The Add-On for SmartExporter requires a specific version of the software component SAP_BASIS.

For all installations of the SAP® Business Suite, such as ERP, CRM, SRM, SCM, the Add-On XXX_700 in the **AddOn\700** folder has to be installed.

For all installations of the SAP® technology solutions, such as PI or EP, please install the corresponding transport in the **Transport\700** folder.

Run the SPAM transaction, select **Imported Support Packages** and click the **Display** button.

A list of the installed support packages is shown for all installed add-ons. Navigate to the support packages for the SAP_BASIS component.

OCS Package Directory: All Packages				
OCS packages available for this system				
	Description	Rel...	Stat...	Import Status
▼ SAP_OCS	SPAM/SAINT Update			
• SAPKD75265	SPAM/SAINT Update - Version 752/0065		○○	Imported on 28.07.2017 at 18:03:04
• SAPKD75266	SPAM/SAINT Update - Version 752/0066		○○	Imported on 11.01.2018 at 12:26:15
▼ SAP_BASIS	SAP Basis Component			
▶ SAPKB70001	Basis Support Package 01 for 7.00		○○	Imported on 23.05.2005 at 10:53:14
▶ SAPKB70002	Basis Support Package 02 for 7.00		○○	Imported on 18.11.2005 at 15:24:50
▶ SAPKB70003	Basis Support Package 03 for 7.00		○○	Imported on 18.11.2005 at 15:24:51
▶ SAPKB70004	Basis Support Package 04 for 7.00		○○	Imported on 18.11.2005 at 15:24:52
▶ SAPKB70005	Basis Support Package 05 for 7.00		○○	Imported on 23.11.2005 at 13:05:49
▶ SAPKB70006	Basis Support Package 06 for 7.00		○○	Imported on 23.01.2006 at 17:49:20
▶ SAPKB70007	Basis Support Package 07 for 7.00		○○	Imported on 30.06.2006 at 12:38:54
▶ SAPKB70008	Basis Support Package 08 for 7.00		○○	Imported on 30.06.2006 at 13:01:11
▶ SAPKB70009	Basis Support Package 09 for 7.00		○○	Imported on 05.09.2006 at 14:39:04
▶ SAPKB70010	Basis Support Package 10 for 7.00		○○	Imported on 25.09.2007 at 11:22:35
▶ SAPKB70011	Basis Support Package 11 for 7.00		○○	Imported on 25.09.2007 at 11:36:40
▶ SAPKB70012	Basis Support Package 12 for 7.00		○○	Imported on 25.09.2007 at 12:07:18
▶ SAPKB70013	Basis Support Package 13 for 7.00		○○	Imported on 25.09.2007 at 12:34:23
▶ SAPKB70014	Basis Support Package 14 for 7.00		○○	Imported on 13.12.2007 at 11:48:57
▶ SAPK-701DHINSAPBASIS	SAP_BASIS 701 Upgrade		○○	Imported on 25.06.2008 at 15:49:48
▶ SAPK-702DHINSAPBASIS	SAP_BASIS 702 Upgrade		○○	Imported on 28.05.2009 at 11:42:14

Figure 2: Imported packages

The lowest Basis Support Package indicates which SmartExporter Add-On has to be installed.

SAPKB70001 SmartExporter Add-On versionXXX_700

Please refer to the **Checking_the_SAP_base_release_EN.pdf** file on the SAP® Components CD for a detailed description of how to determine the SAP® base release and which Add-On should be installed.

Installation

Note:

The installation of an Add-On using the SAINT transaction and the installation of Support Packages using the SPAM transaction has to be done in the client "000" by a user who has the corresponding authorizations.

Checking the components installed

You can use the SAINT transaction to check if the AUDIC Add-On release XXX_700 is already installed.

If the Add-On is already installed, an installation is only required if the version or the installed patch level for the same version is lower than the one that was just shipped.

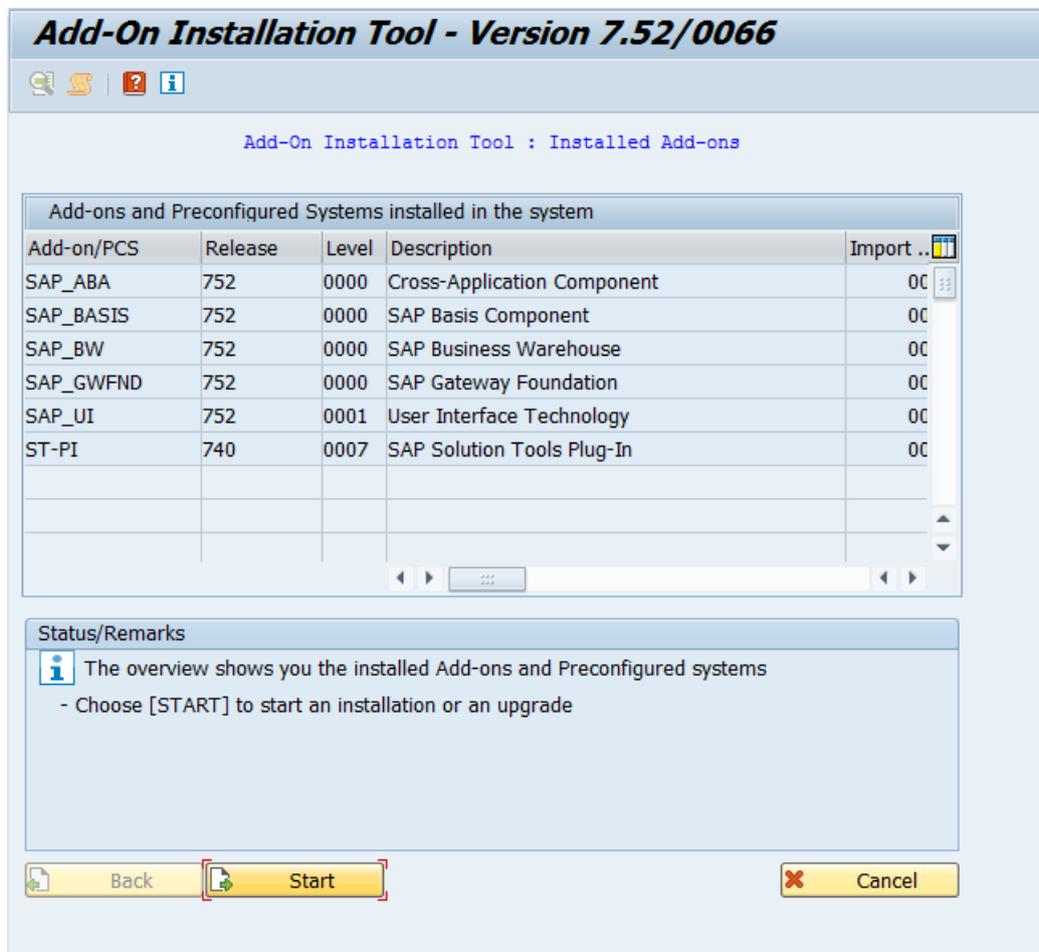


Figure 3: Installed Add-Ons

Hint:

The installation described in the following was run on an SAP NetWeaver® 752 installation with SAP_BASIS 752 and SPAM/SAINT version 66 for the AUDIC Add-Ons 501_700 and 600_700.

The application dialogs may differ depending on the SAP BASIS version and the SAP GUI used. If not specified otherwise, you can use the default values in all dialogs.

Run the installation process

The Add-On will be installed using the SAINT transaction (Add-On Installation Tool).

Please open the **Installation Package** menu and select the **Load Packages** entry and then **From Front End**. If you are using a more recent versions of the Add-On Installation Tool, select **SAR archives from Front End**.

Alternatively, move the PAT files located in the **DATA** folder to your transport directory's EPS Inbox. In this case open the **Installation Package** menu, select the **Load Packages** entry and then **From Application Server**. If you are using a more recent version of the Add-On Installation Tool, select **EPS files from application server**.

In more recent versions of the Add-On Installation Tool, as an alternative, you can also copy the SAR files to the directory EPS\download (or EPS/download respectively) of your transport directory. In this case open the **Installation Package** menu and select the **Load Packages** entry and then **SAR archives from application server**.

Please refer to the "Readme.txt" file in the **SAP Components** folder for the assignment of the PAT files to the various installation, attribute and patch versions.

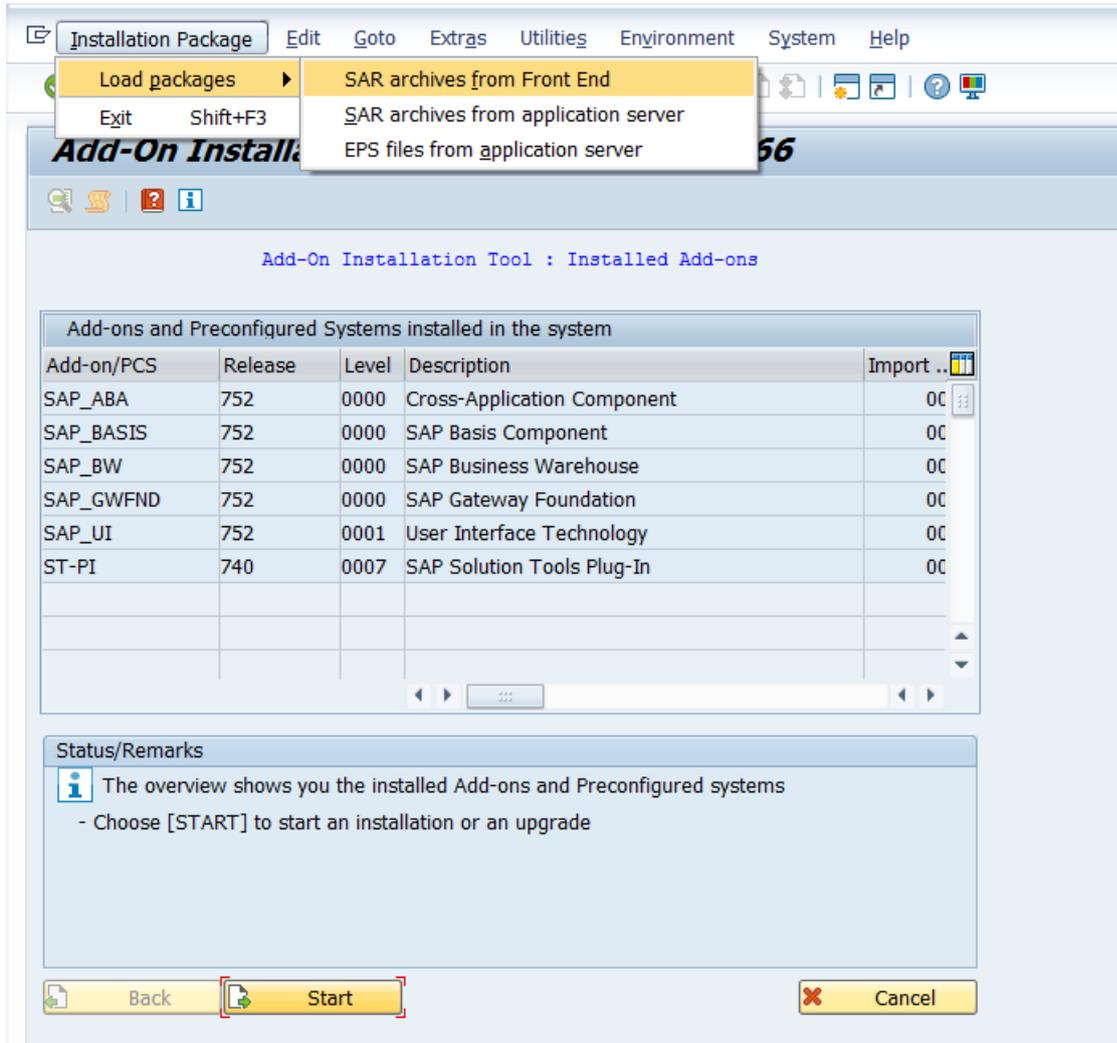


Figure 4: Add-On Installation Tool

Now load the **ASE_XXX_700.SAR** file via SAP Front End from the **SmartExporter SAP Components/AddOn/700/DATA** folder of the SAP® Components CD. (If you have downloaded the SmartExporter version, you can find the file in the **SAP Components/SmartExporter SAP Components/AddOn/700/DATA** directory in the download package.)

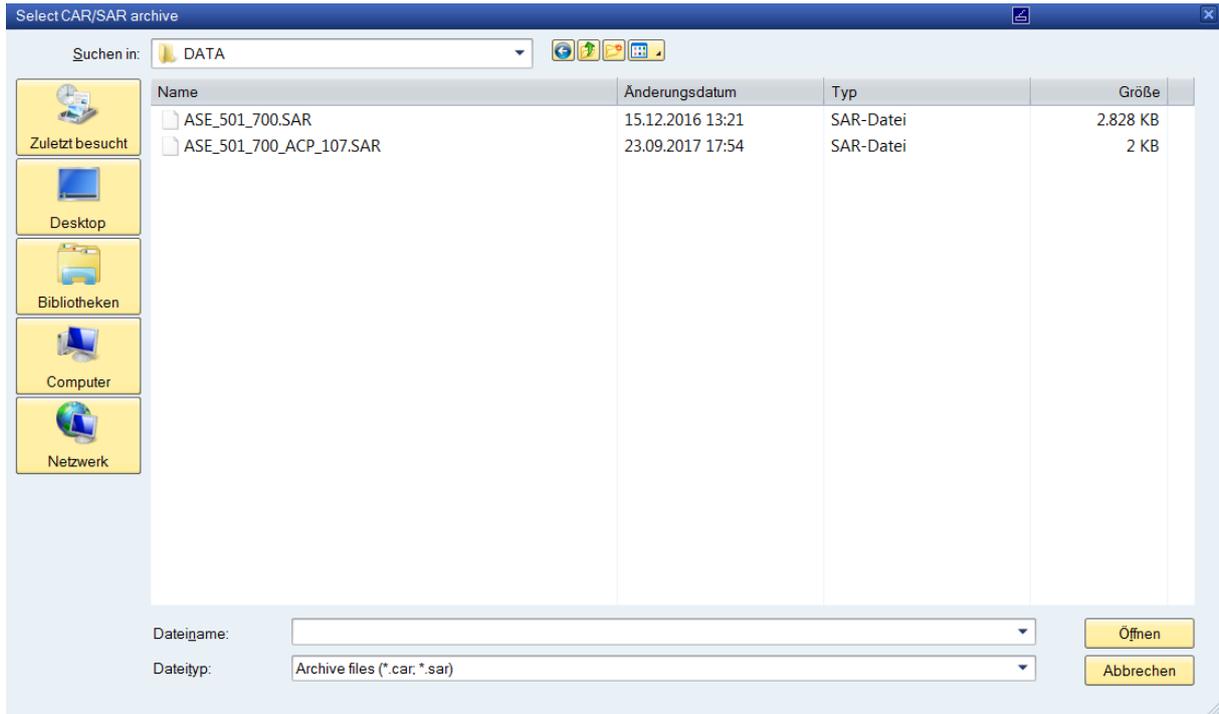


Figure 5: Selecting the SAR file

In the confirmation prompt (the dialog may differ depending on the version and configuration of your Windows operating system) click the **Allow** button.

Hint:

If the version of the SPAM/SAINT component is higher than 63, you can also load the ASE_XXX_700_ACP_NNN.SAR Attribute Change Package into your system here so that the Add-On can be uninstalled later on.

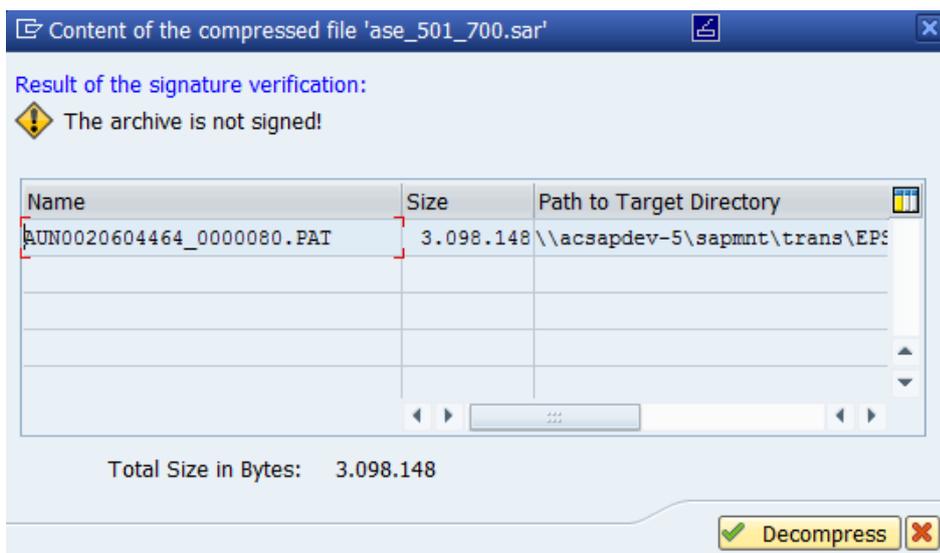


Figure 6: Decompress

The warning “The archive is not signed!” can be ignored because only archives that were created by SAP® can be signed.

You can determine the SHA-1 hash values of the corresponding files and compare them with the information in the checksums.txt file.

Click the **Decompress** button.

The archive will be loaded, decompressed, moved to the EPS Inbox and deleted.

Load all available SAR files in the same way as the Add-On from the **SmartExporter SAP Components/AddOn/700/DATA** folder on the CD or copy the PAT files that are also contained in this directory to the EPS Inbox of your transport directory. (If you have downloaded the SmartExporter version, you can find the files in the **SAP Components/SmartExporter SAP Components/AddOn/700/PATCHES** directory in the download package).

Start the installation process by clicking the Start button.

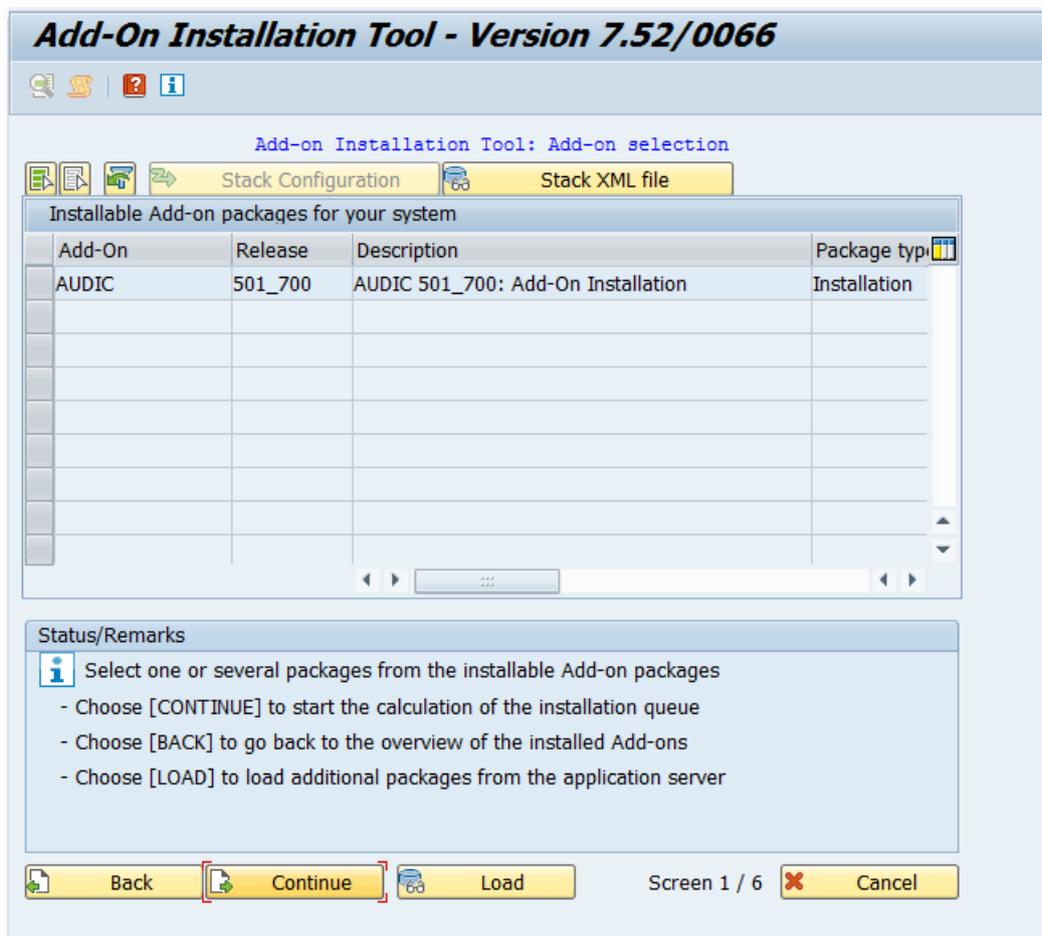


Figure 7: Starting the wizard

The available Add-Ons are displayed.

Select the AUDIC Add-On and click **Continue**.

In the following step select all loaded support packages for the AUDIC Add-On to be able to run the installation in one step without further support package installation using the SPAM transaction.

Click the **Target Support Package** drop-down list of the AUDIC component and select the highest support package available.

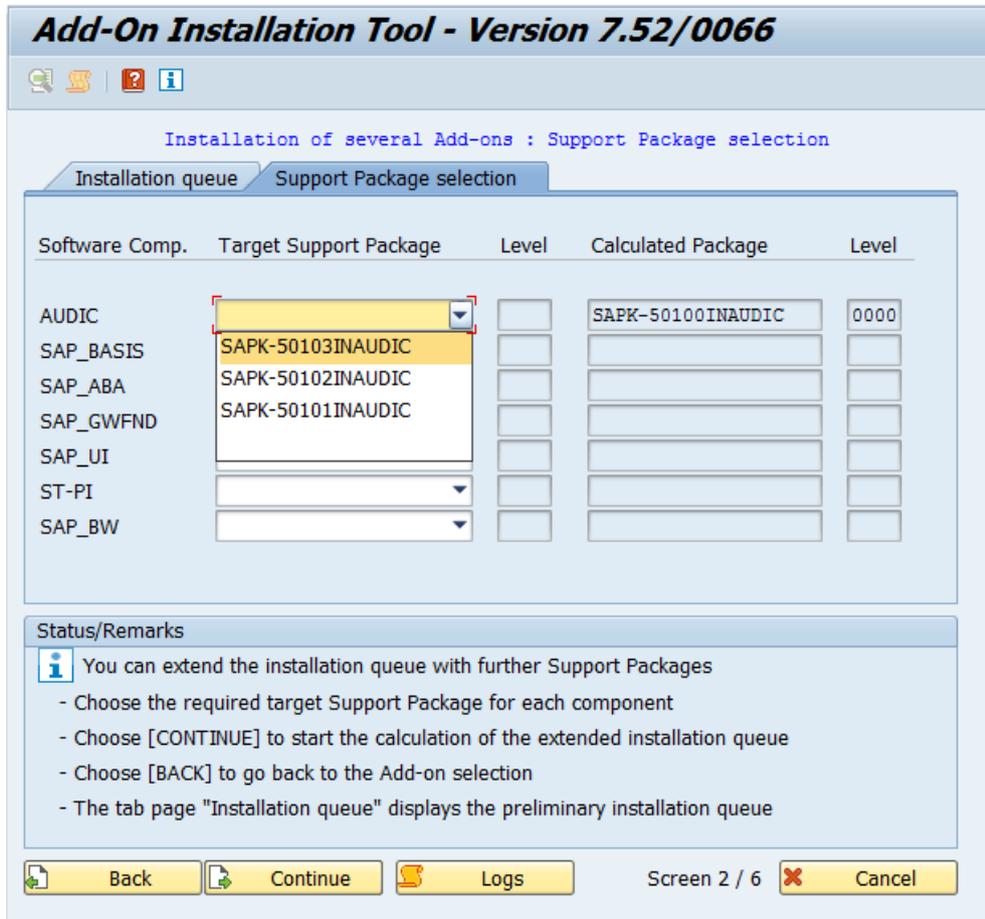


Figure 8: Support Package selection

Click **Continue** to proceed.

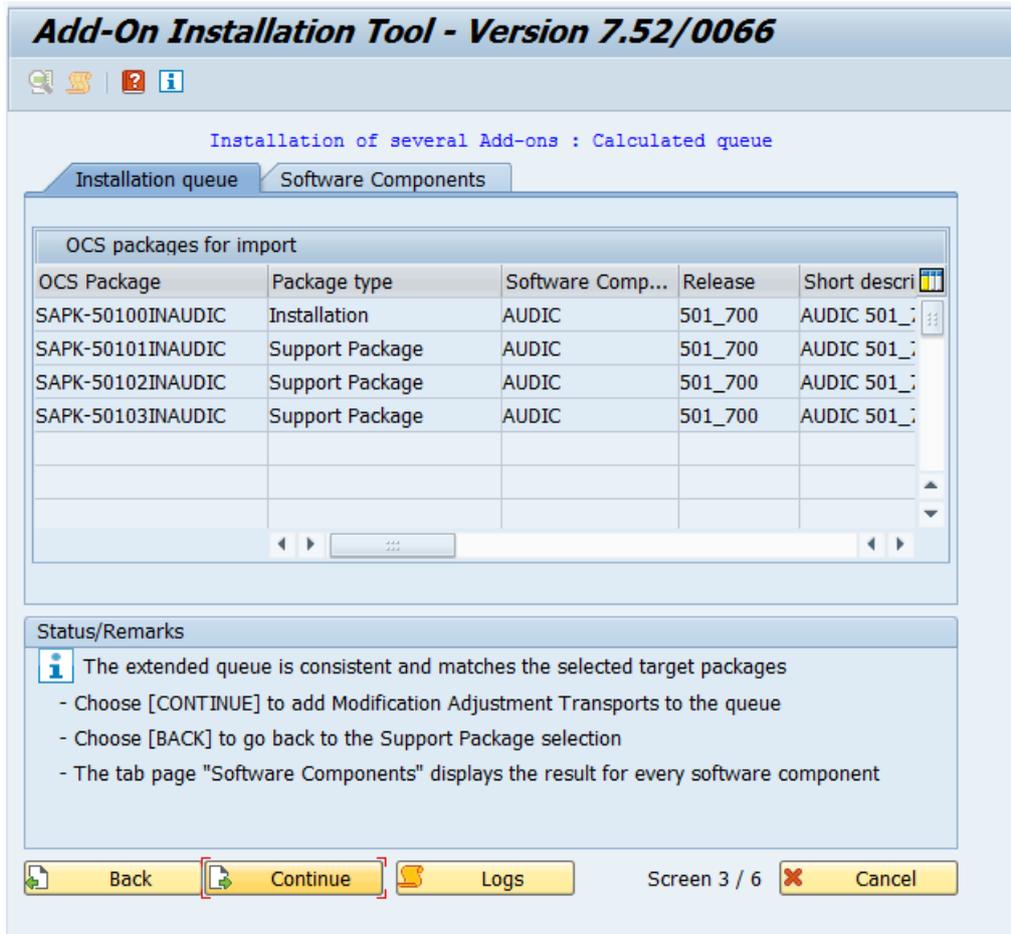


Figure 9: Installation Queue

No modification adjustment transport will be required. Click **Continue**. A corresponding message will be displayed.

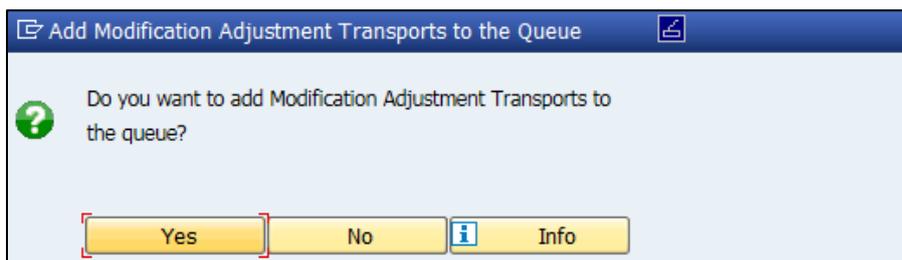


Figure 10: Add Modification Adjustment Transports to the Queue

Click "No" because no modification adjustment transports are necessary.

Due to the small data volume of the Add-On the installation may be run in dialog mode.

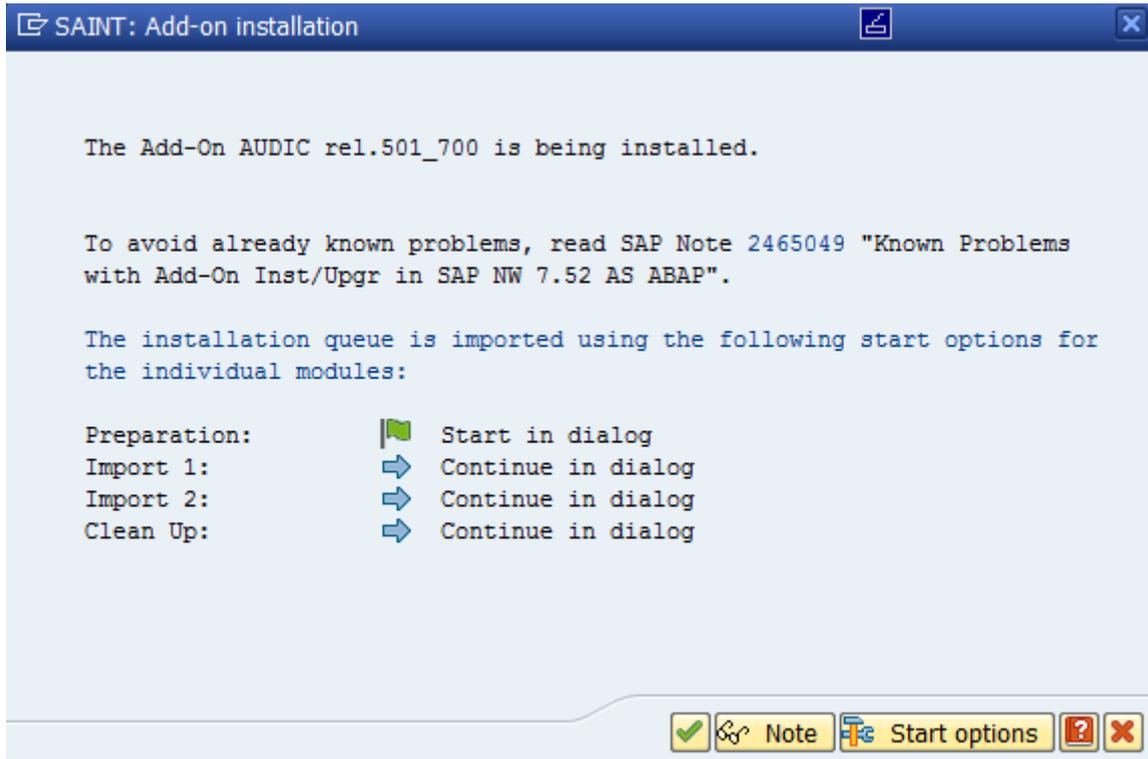


Figure 11: Installing the Add-On

Warning messages concerning open BW data extraction requests can be ignored because the Add-On does not contain any BI data structures.

Click the  button.

The Add-On will be installed.

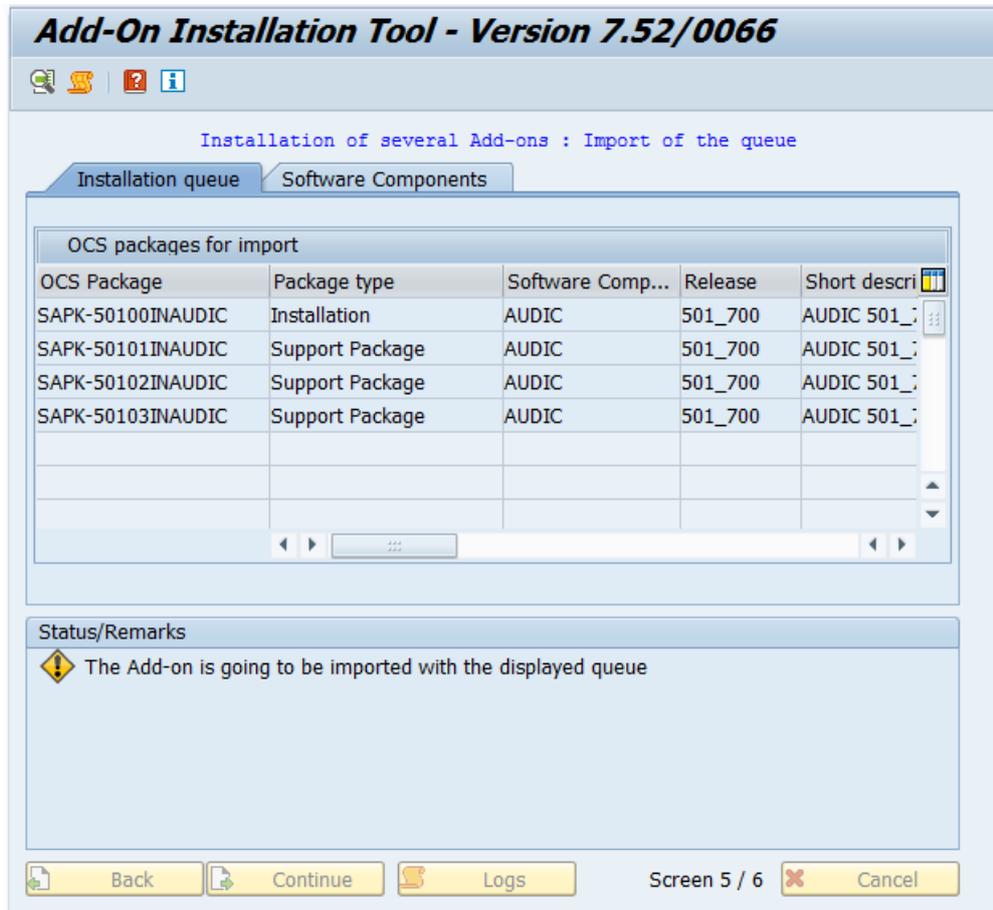


Figure 12: Installing the Add-On

When the installation of the Add-On is completed the AUDIC component is shown in the system component list. Click **Finish**.

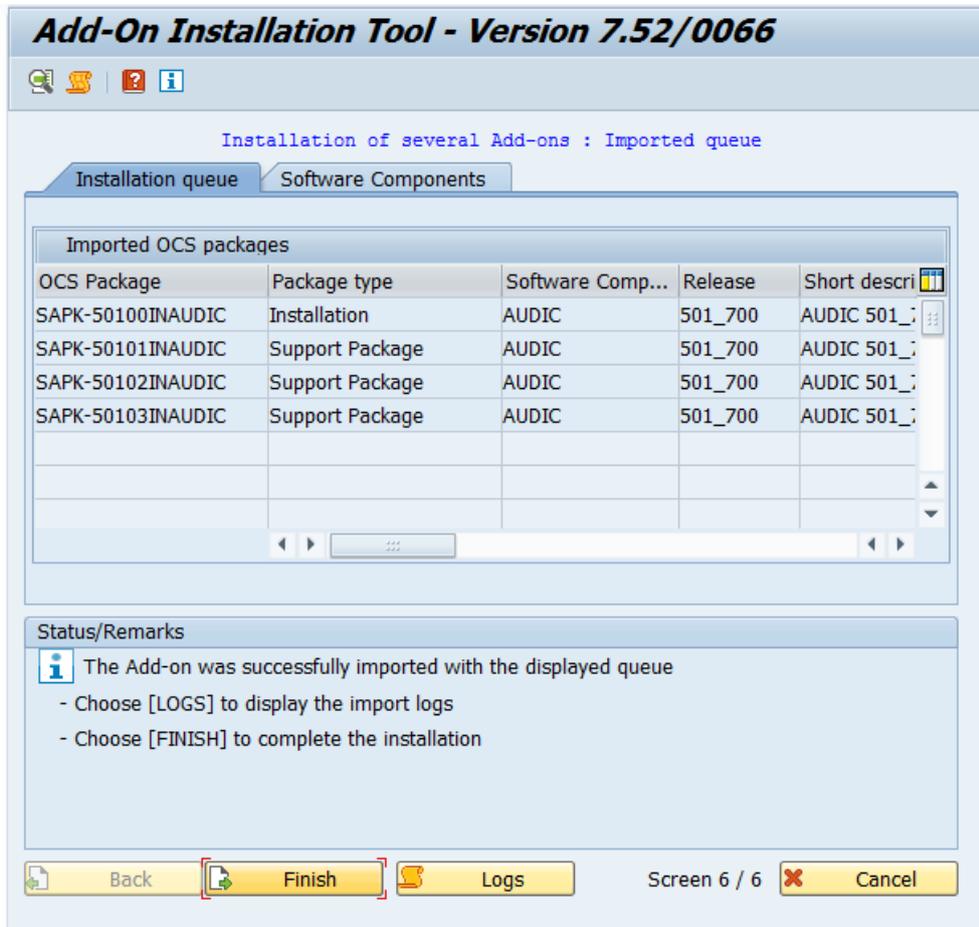


Figure 13: Installation of Add-On was successful

Depending on the SAP® basis and SPAM/SAINT version the **Sending the runtime analysis** dialog will be displayed. Read the description of the available options and select the desired option by clicking the corresponding button.

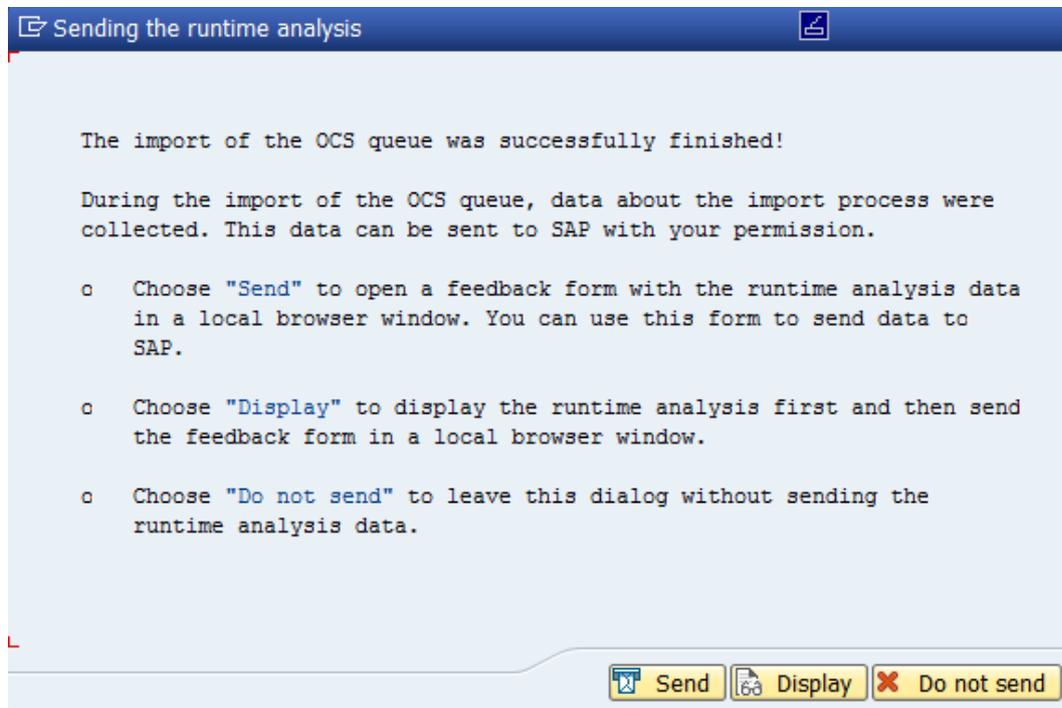


Figure 14: Sending the runtime analysis

The list of installed Add-Ons will be updated accordingly.

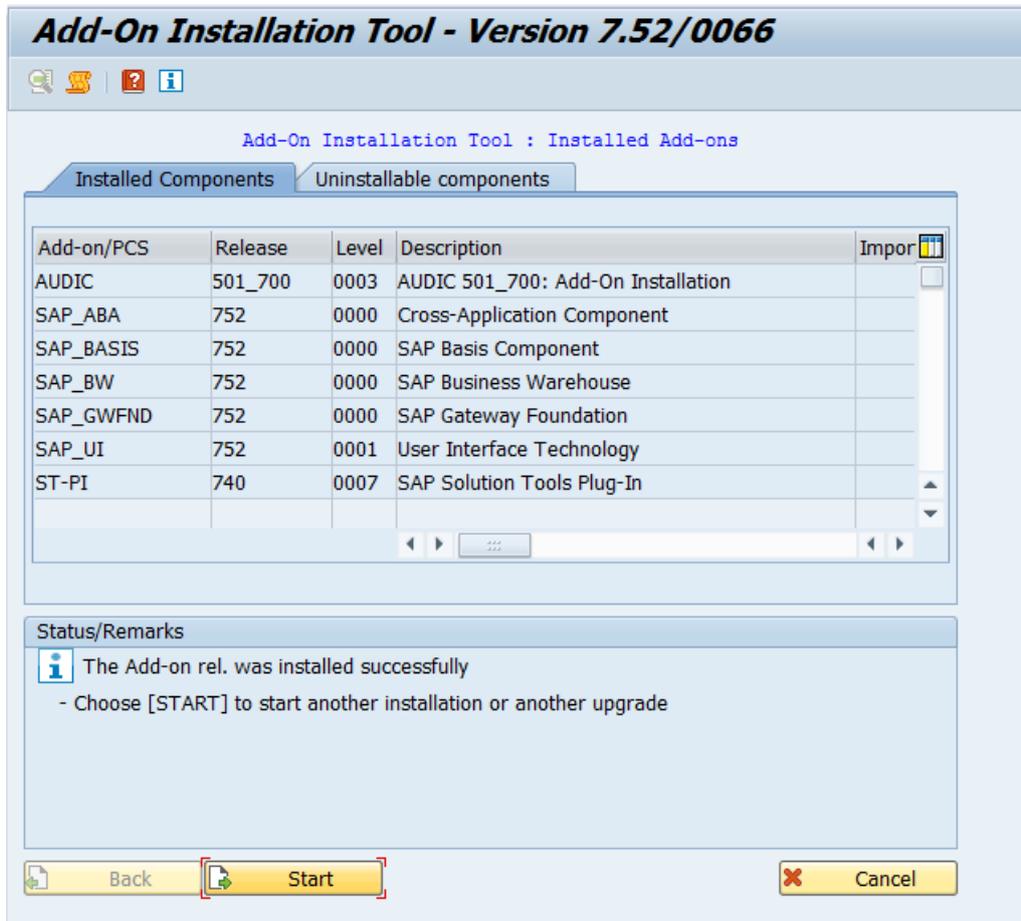


Figure 15: Updated list of installed Add-Ons

The installation is now complete.

After the installation of the Add-Ons you have to configure the authorizations and make the necessary adjustments of the system settings for each of the clients of your SAP® system for which the SmartExporter SAP® components will be used.

A description of the required steps can be found in the **SmartExporter_SAP_Components_Manual.pdf** in the **SmartExporter SAP Components\Documentation** folder on the SAP® Components CD.

Installation of support packages

Support packages can be installed using the SPAM (Support Package Manager) transaction.

Please open the **Support Package** menu and select the **Load Packages** entry and then **From Front End**. If you are using a more recent version of the Add-On Installation Tool, select **SAR archives from Front End**.

Alternatively, move the PAT files located in the **PATCHES** folder to your transport directory's EPS Inbox. Please open the **Support Package** menu and select the **Load Packages** entry and then **From Application Server**. If you are using a more recent version of the Add-On Installation Tool, select **EPS files from application server**.

In more recent versions of the Add-On Installation Tool, as an alternative, you can also copy the SAR files to the directory EPS\download (or EPS/download respectively) of your transport directory. In this case open the **Support Package** menu, select the **Load Packages** entry and then **SAR archives from application server**.

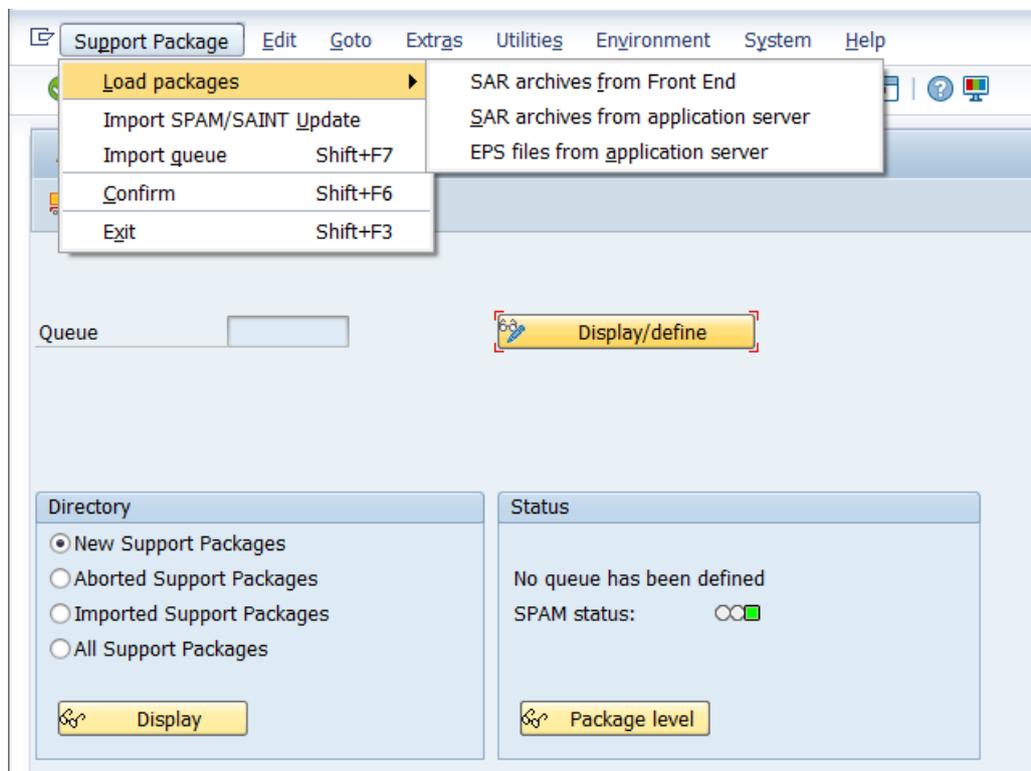


Figure 16: Support Package Manager

Load all available support packages from the **SmartExporter SAP Components/AddOn/700/PATCHES/ASE_XXX_700_SP*.SAR** folder in your SAP® system. (If you have downloaded the SmartExporter version, you can find the files in the **SAP Components/SmartExporter SAP Components/AddOn/700/PATCHES** directory in the download package).

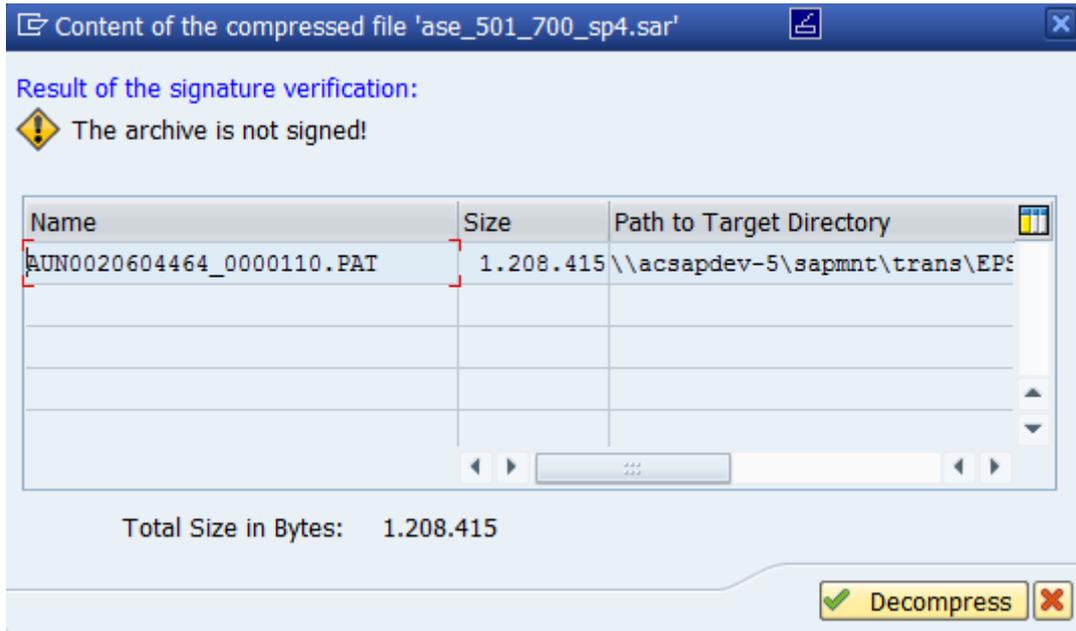


Figure 17: Content of the compressed file

The warning “The archive is not signed!” can be ignored because only archives that were created by SAP® can be signed.

You can determine the SHA-1 hash values of the corresponding files and compare them with the information in the checksums.txt file.

Click the **Decompress** button.

The archive will be loaded, decompressed, moved to the EPS Inbox and deleted.

Click the **Display/define** button to start the installation process.

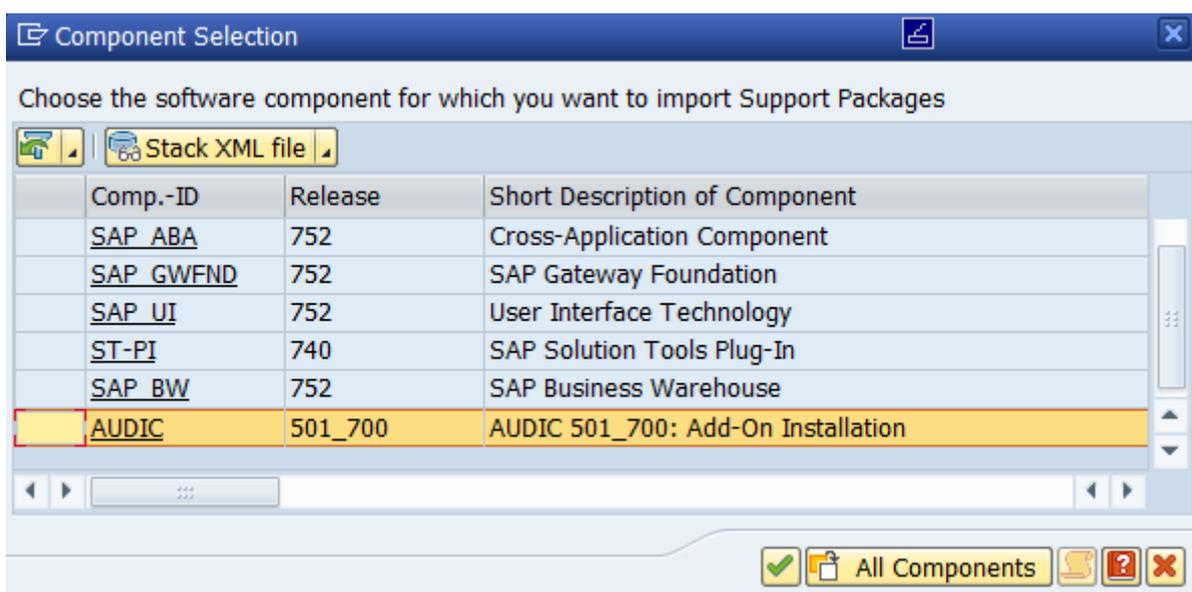


Figure 18: Component Selection

Select the AUDIC component and click the  button.

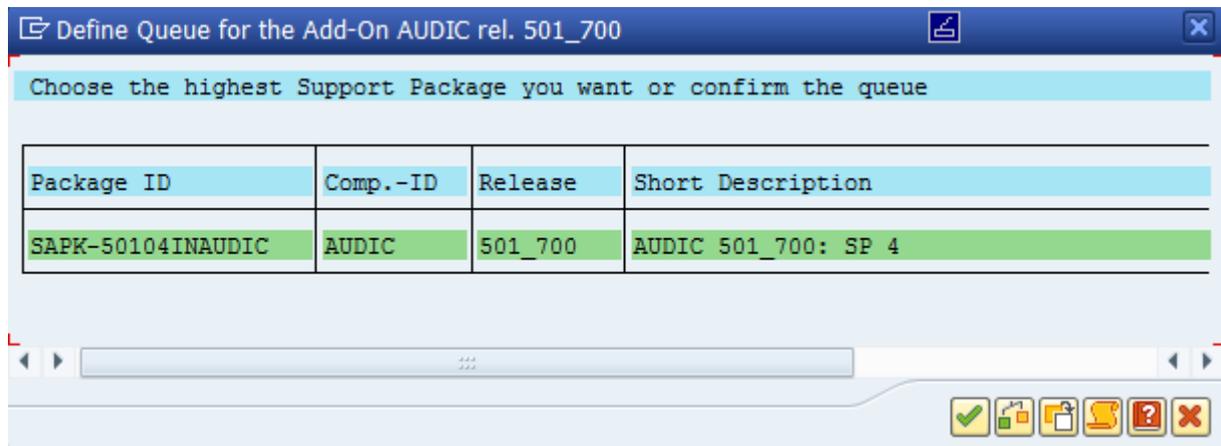


Figure 19: Define queue

Select the highest support package and click the  button.

As no modification adjustment transports are necessary in the context of the installation click "No" in the following confirmation prompt.

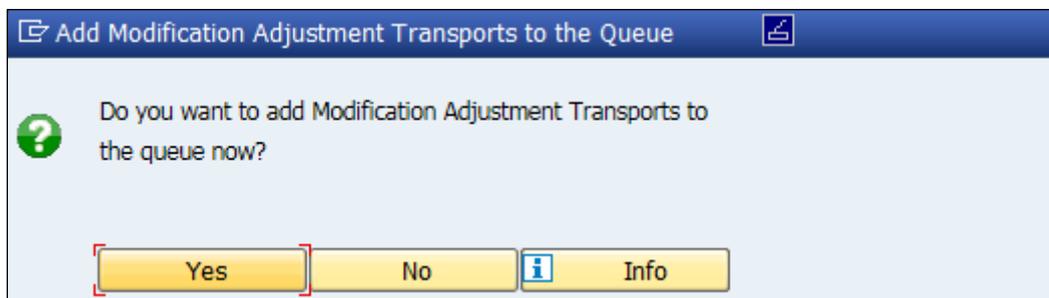


Figure 20: Modification Adjustment

Click  to start the import of the queue.

Due to the small data volume of the support package the installation may be run in dialog mode.

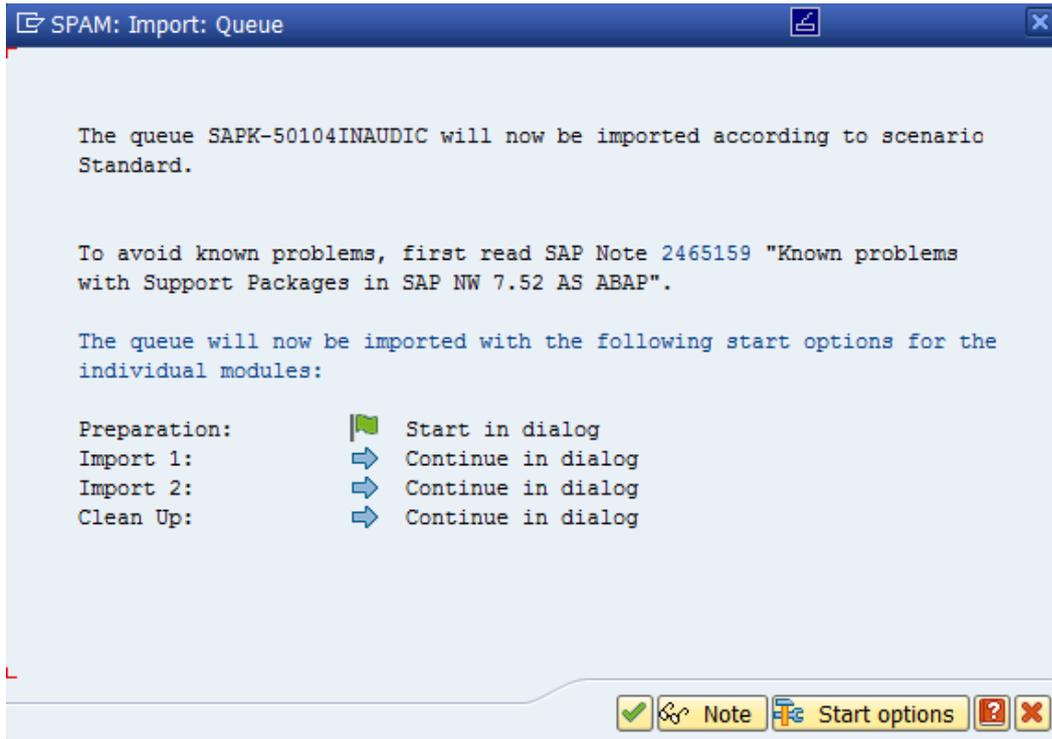


Figure 21: SPAM Import

Click to start the import.

The support packages are installed in dialog mode. The current status will be shown in the status bar.



Figure 22: Import queue

After the installation is complete an information message will notify you that the installation was completed successfully. Click the  button.

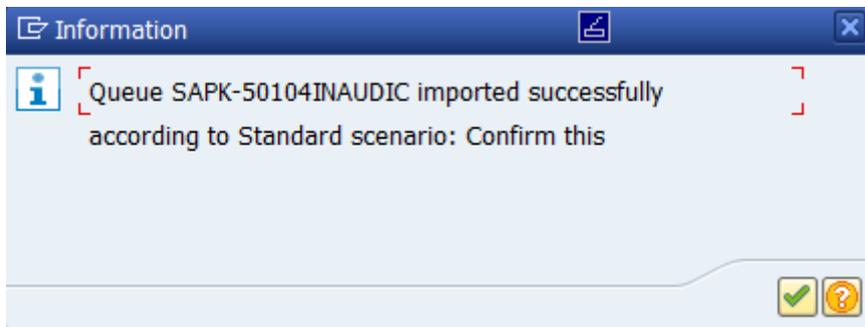


Figure 23: Import finished

Finally, you have to confirm the queue to complete the installation. Click the **Confirm queue**  button.

Depending on the SAP® basis and SPAM/SAINT version the **Sending the runtime analysis** dialog will be displayed. Read the description of the available options and select the desired option by clicking the corresponding button.

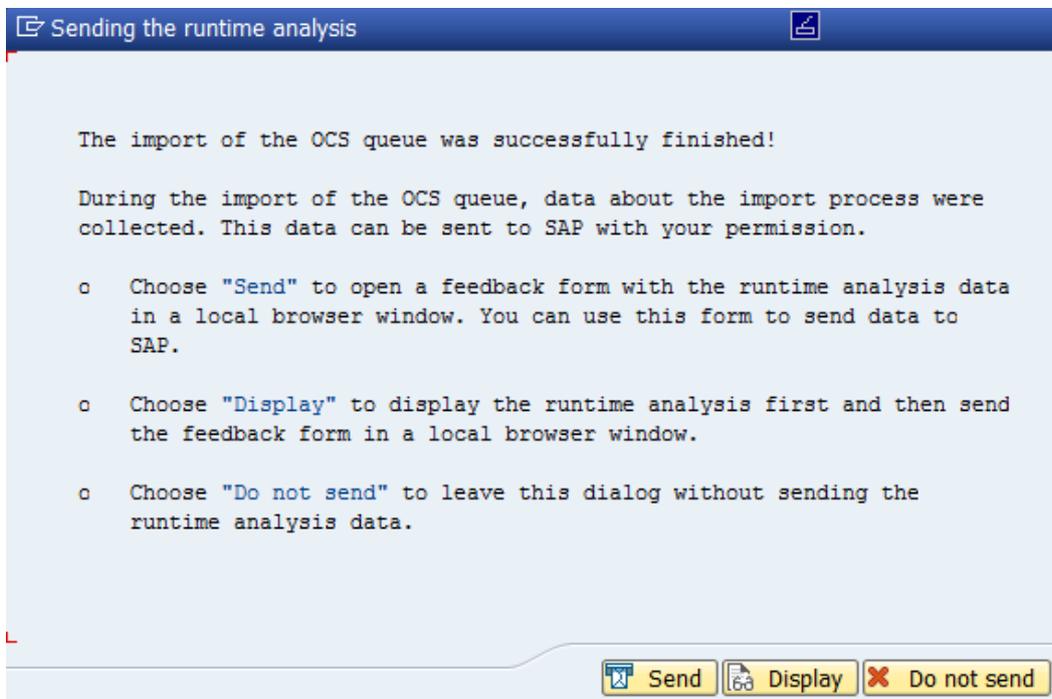


Figure 24: Sending the runtime analysis

The installation of the AUDIC support packages is complete.

Deinstallation of Add-Ons

Note:

When the Add-On is uninstalled, all objects and data in the /AUDIC/ namespace will be deleted. The following elements will not be deleted:

- Roles and profiles of authorization administration which refer to objects in the /AUDIC/ namespace
- Files which are contained in the file system of the SAP® application server(s) and which were created by the AUDIC Add-On
- Definitions of the logical files

To uninstall the 600_700 Add-On, the SPAM/SAINT version 63 or higher is required.

Uninstalling the 200_700, 300_700 or 400_700 Add-Ons requires SPAM/SAINT version 63 or higher. In this case you also have to install the Add-On ASE_600_700.SAR and the Attribute Change Package ASE_600_700_ACP_NNN.SAR.

If these prerequisites are not met, the deinstallation process described below should not be run.

Run the deinstallation process

The Add-On will be deinstalled using the SAINT (Add-On Installation Tool) transaction.

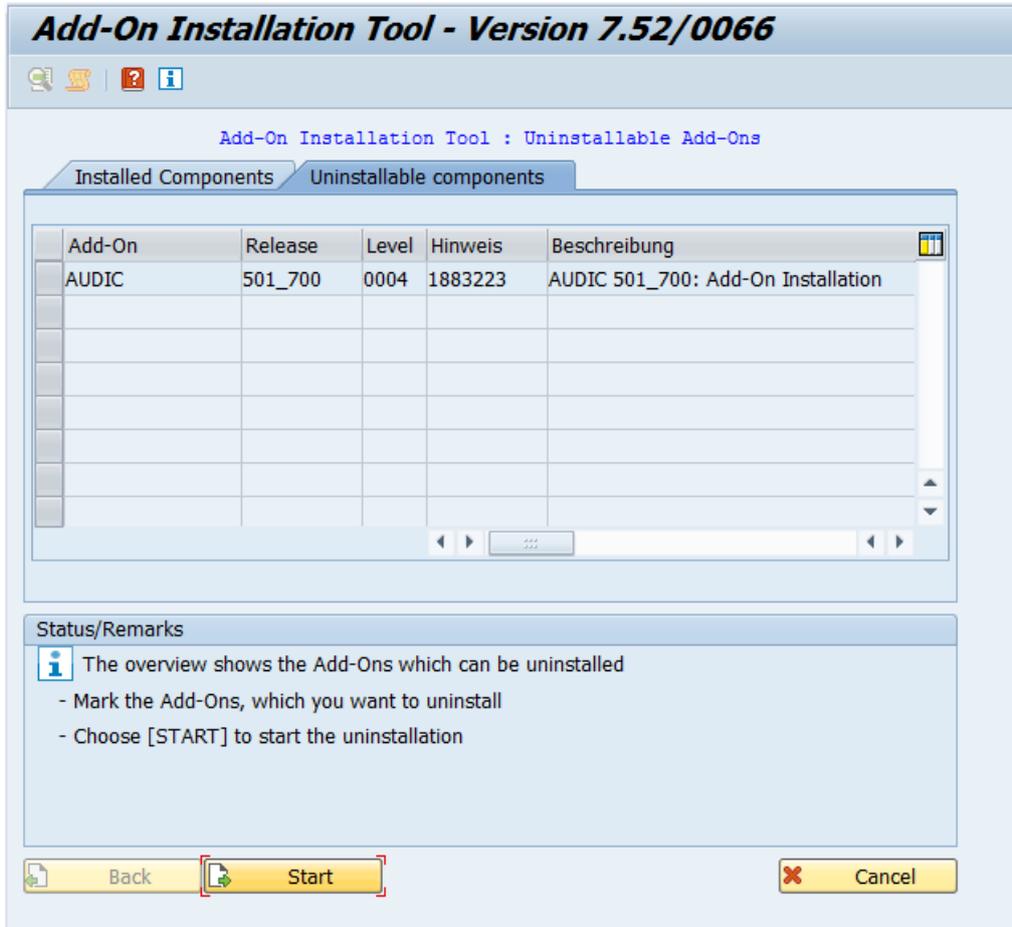


Figure 25: Deinstallable Add-Ons

Hint:

If the **Deinstallable components** tab is not displayed or the AUDIC Add-On is not included in the list, load the ASE_XXX_700_ACP_NNN.SAR Attribute Change Package from the **SmartExporter SAP Components/AddOn/700/DATA** folder on the CD or copy the PAT files that are also contained in this directory into the EPS Inbox of your transport directory. (If you have downloaded the SmartExporter version, you can find the files in the **SAP Components/SmartExporter SAP Components/AddOn/700/DATA** directory in the download package.)

Select the AUDIC Add-On and click the **Start** button to start the deinstallation process. A dialog showing the deinstallation start options is displayed.

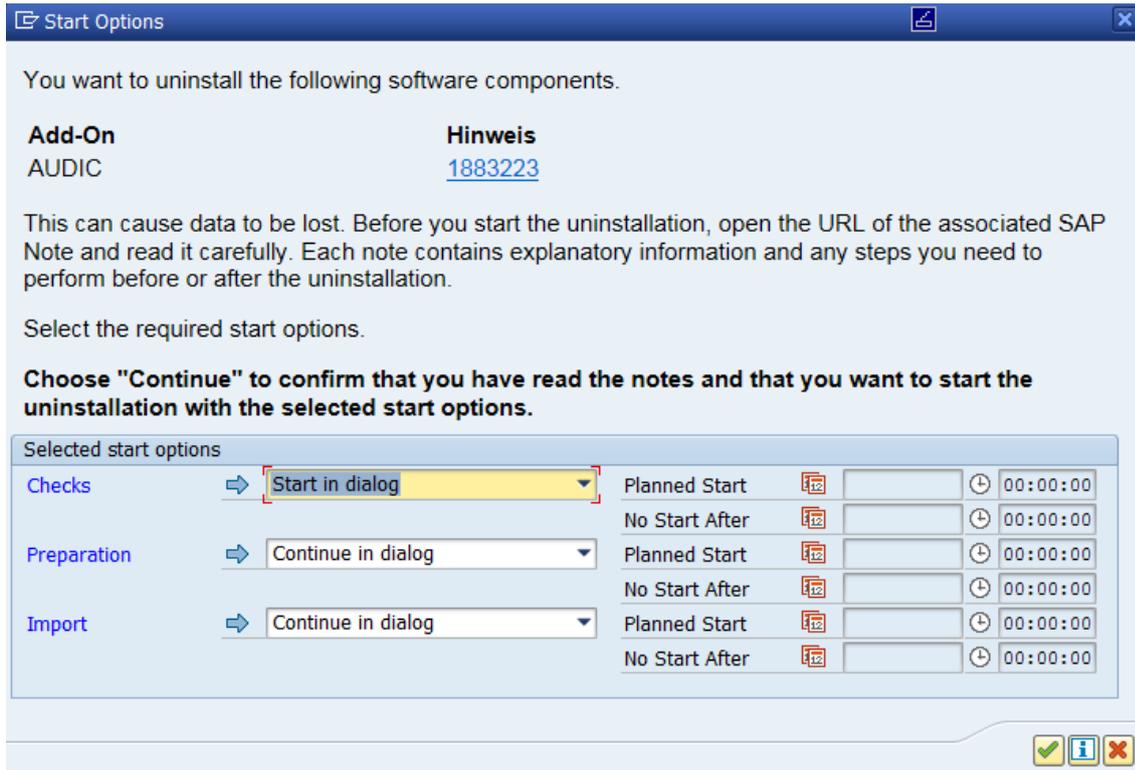


Figure 26: Start options

The specified note contains general information on deinstalling Add-Ons.

Check the start options and click the  button to confirm your selection. The deinstallation process starts.

If other objects are installed in the /AUDIC/ namespace on your system, a dialog is displayed in which you have to confirm the deletion of these objects. Note that all objects and data in the /AUDIC/ namespace will be permanently deleted from the system. If you do not confirm this dialog by clicking "Yes", the AUDIC Add-On cannot be deinstalled and the deinstallation process will be cancelled.

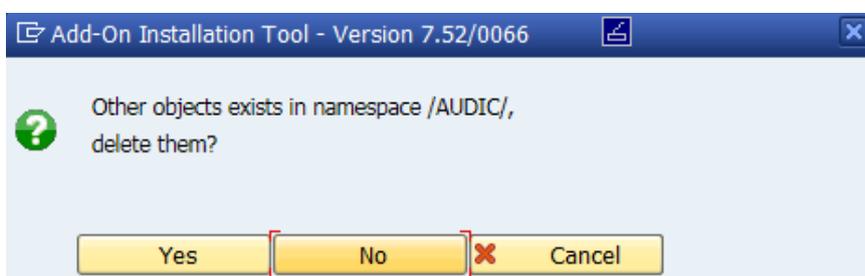


Figure 27: Confirming the deletion of other objects

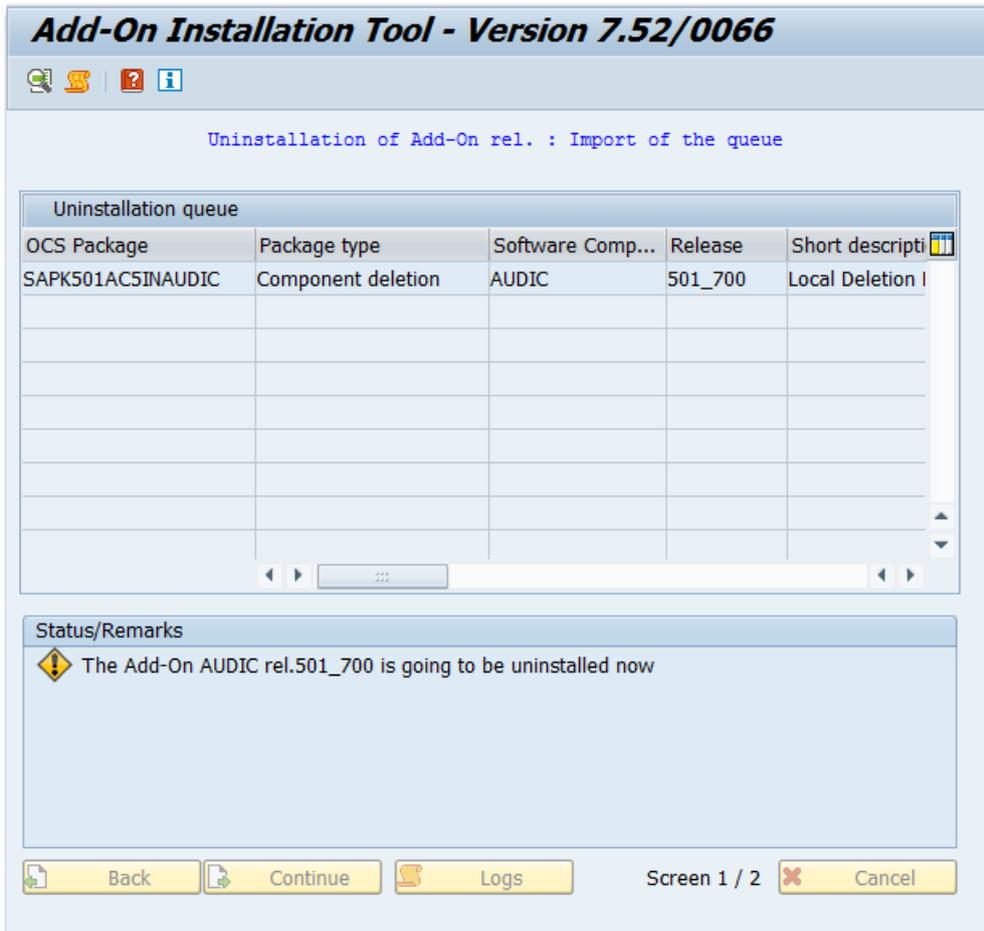


Figure 28: Running the deinstallation process

After the deinstallation process has been completed successfully, the status will be updated.

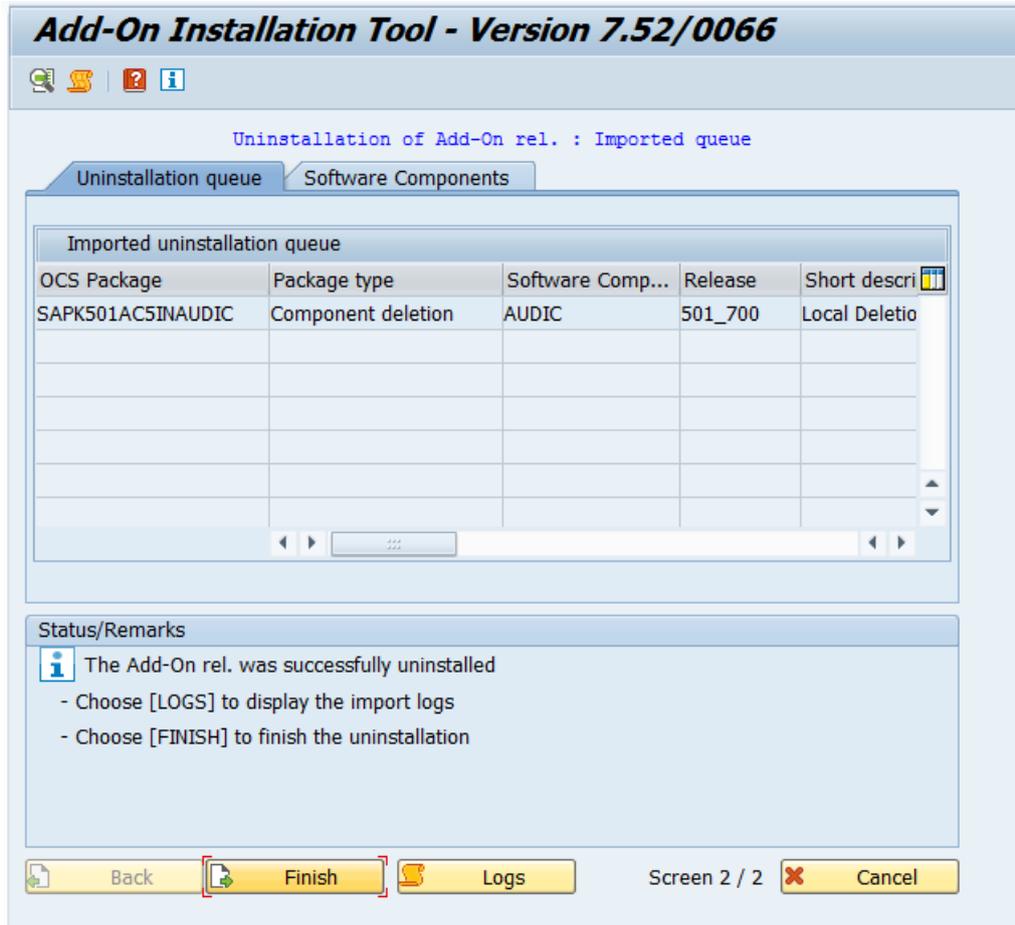


Figure 29: Deinstallation completed

Click the **Finish** button to finish the deinstallation process.

Depending on the SAP® basis and SPAM/SAINT version the **Sending the runtime analysis** dialog will be displayed. Read the description of the available options and select the desired option by clicking the corresponding button.

When the deinstallation process is finished, the updated list of installed Add-Ons will be displayed. The AUDIC Add-On does not appear in the list anymore.

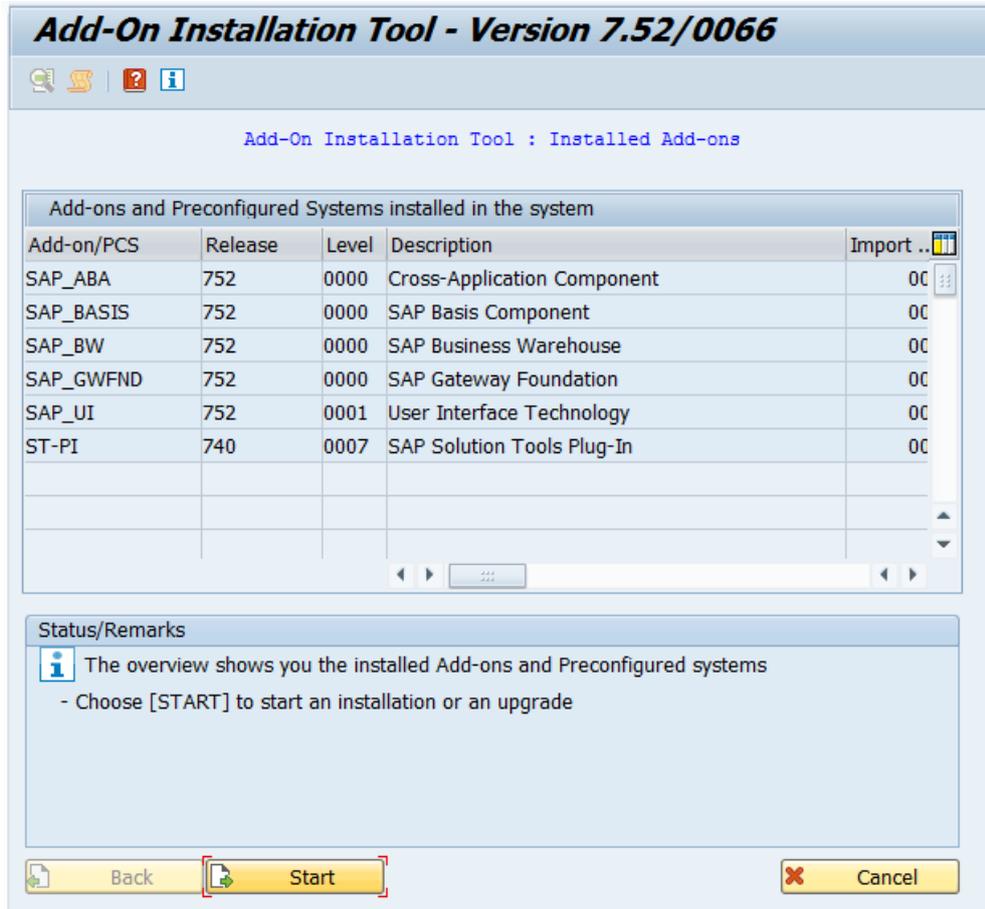


Figure 30: Installed Add-Ons

System Upgrade and installation of Enhancement Packages

For SPAM/SAINT version 63 and higher no vendor keys will be used any more. Install the ASE_XXX_700_ACP_NNN.SAR ACP file from the **SmartExporter SAP Components/AddOn/700/DATA** folder on the CD or copy the PAT files that are also contained in this directory to the EPS Inbox of your transport directory. (If you have downloaded the SmartExporter version, you can find the files in the **SAP Components/SmartExporter SAP Components/AddOn/700/DATA** directory in the download package.)

If a SPAM/SAINT version older than version 63 is used, a message concerning the compatibility of the SmartExporter Add-On might be displayed when a system upgrade is run or enhancement packages are loaded.

Select the **KEEP** option for the AUDIC Add-On when you are running an upgrade or when you are installing Enhancement Packages. Use the Vendor Key listed below which depends on the target release of the SAP basis. (For the target release 701 two keys are available depending on the source release, please try both keys.)

SAP® upgrades/installations are done with different tools, therefore different keys are required. The list below contains the possible keys for every target release depending on the upgrade or EHP installation process.

BASIS Target=700,

Upgrade: Key number = 1914150

BASIS Target=701,

Upgrade: Key number = 1494187

(1) EHP install: Key number = 1359642

(2) EHP install: Key number = 861291

BASIS Target=702,

Upgrade: Key number = 1991457

EHP install: Key number = 679133

BASIS Target=710,

Upgrade: Key number = 2779580

EHP install: Key number = 1058807

BASIS Target=711,

Upgrade: Key number = 2855527

EHP install: Key number = 1557926

BASIS Target=730,

Upgrade: Key number = 2932839

EHP install: Key number = 1191700

BASIS Target=731,

Upgrade: Key number = 1698088

EHP install: Key number = 1034958

BASIS Target=740,

Upgrade: Key number = 3205945

EHP install: Key number = 1257891

BASIS Target=741,

Upgrade: Key number = 3281892

EHP install: Key number = 1101405

BASIS Target=750,

Upgrade: Key number = 2561818

EHP install: Key number = 1324593

This list contains all SAP BASIS versions which were supported by SAP® at the time when this document was created. If your SAP BASIS version should be missing, please contact support@audicon.net by e-mail to get the corresponding vendor key.

After an upgrade or installing an Enhancement Package we recommend checking if a current AUDIC Add-On is available for the new SAP_BASIS release of the installation. If this is the case, this AUDIC Add-On should be installed to have the full system resources available by using the new functionalities of the SAP_BASIS.