

# SmartExporter 2016 R1

## Update of SmartExporter SAP® Components Version 5.0.0001 SP3 and directDART

The current version of the SmartExporter SAP® components offers comprehensive enhancements and optimizations, especially regarding the installation of the new SAP® releases, such as SAP® Basis 750, 751 and 752, as well as S/4HANA 1709. Moreover the directDART Additional Data Source was updated to make the extraction of data even faster.

Note:

The update only affects the SmartExporter SAP® components and the directDART Additional Data Source. The SmartExporter Windows client, however, is not affected.

To help you get started with the current version, you will find an overview of the new features below.

### Running the update

#### Update of SmartExporter SAP® components version 5.0.0001 SP3 and directDART

- Please read the Readme.txt file in the root folder of your SAP® Components CD or in the "SAP Components" folder of your download package. The file contains all the information required for the installation. Please note that for the SmartExporter 2016 R1 Windows client no update is required.
- To use all new features of SmartExporter 2016 R1, it is recommended to implement the update of the SmartExporter SAP® components 5.0.0001 SP3.

### More information on SmartExporter and other Audicon products & services

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ProductNEWS **SmartExporter**

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### Support of the latest SAP® releases

#### New Add-Ons and transports

- Due to the changed dependency checks of SPAM/SAINT of version 63 or higher and SAP® systems based on SAP® NetWeaver 7.50 or higher you require more recent attribute change packages for the installation of the Add-On than the ones included in the shipment of the SmartExporter SAP® components in combination with SmartExporter 2016 R1 of December 2016.
- Especially if you are planning to migrate to a current SAP® release and you are using older Add-Ons like for example 400\_700, it is highly recommended to first load the current Add-On including the patches to avoid a delay in the migration process.
- For further information please read the Readme.txt file or the "Add-On Installation EN.pdf" user guide in the "Documentation" folder of the current SAP® Components CD or in the current download package (see "SAP Components" subfolder).

#### Support of the SAP® HANA multi-temperature data classification

- Based on the distinction in SAP® HANA as to whether data is stored in the main memory, persistently in the database

or outside HANA, a classification using so-called temperatures (hot, warm and cold) was introduced in SAP®.

- The data is classified as hot, warm or cold depending on the access frequency and the data is stored in different memory areas depending on this classification and the data usage.
- With SmartExporter SAP® components 5.0.0001 SP3, SmartExporter now also supports the concept of multi-temperature data classification.
- If you access archived data, cold data is extracted, otherwise hot and warm data is extracted. For non HANA databases the extraction works just like before.

#### New data type INT8

- In SAP® NetWeaver 7.50 the new data type INT8 was introduced. If you tried to download a Data Dictionary from an SAP® system containing this data type, a message was shown and the download of the Data Dictionary was not possible.
- The current version of the SmartExporter SAP® components 5.0.0001 SP3 can process this data type and thus Data Dictionaries containing this data type can be downloaded without problems.

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SAP® data analysis with software by Audicon

#### Workshops

SoD Check: Identifying a critical single authorization or combinations of authorizations in SAP® Basis/FI

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### Optimized data extraction

#### Significant performance improvement for asynchronous extractions of joins

- For data extractions with joins that include cluster tables, such as the BSEG table, the time required for asynchronous extractions could be reduced by 20 % according to measurements on Audicon SAP® systems.

#### Runtime optimization of the directDART Additional Data Source

- Based on the experiences and feedback of our customers who use the directDART Additional Data Source numerous memory and runtime optimizations were implemented.
- If you want to extract data using directDART, implement the new transport for directDART on the corresponding SAP® system to benefit from the optimized performance.
- Please note that the performance improvement only takes effect in combination with the new SmartExporter SAP® components. Therefore please load the new SmartExporter SAP® components version 5.0.0001 SP3 before you update the transport for directDART.

### New certificates

#### Certificates for S/4HANA 1610 and NetWeaver 7.40

- In the "AddOn\SAPCertificate" subfolder on the installation CD or in the download package of the SmartExporter SAP® components 5.0.0001 SP3, respectively, you will find the certificates for the SmartExporter ABAP Add-On for the integration with S/4HANA 1610 and NetWeaver 7.40 issued by the SAP® Integration and Certification Center in January 2017.

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