Certificate

SAP INTEGRATION CERTIFICATION

SAP AG hereby confirms that the ABAP interface software
for the product

SmartExporter 3.0

of the company AUDICON GmbH

has been certified for integration with SAP NetWeaver 7.30 via the
SAP integration scenario *ABAP Add-On Deployment for SAP NetWeaver*.

This certificate confirms the technical and syntactical consistency of the Add-On in accordance with SAP certification procedures.
It does not guarantee that the product is error-free.

The certification test is documented in report no. 22017430
and expires March 11, 2016.

- Vendor Hardware: PC-Pentium, x64
- Vendor Operating System: Windows Server 2008R2
- SAP Test System: SAP NetWeaver 7.30
- Used Integration Tools: certified Theobald ERPConnect

This configuration meets the requirements for deploying SmartExporter 3.0 on the SAP NetWeaver platform.

Certified Functions:

- Assign Software Component with a registered Namespace
- Package Add-On using SAP Add-On Assembly Kit (AAK)
- Deploy using SAP Add-On Installation Tool (SAINT)
- Integrate with SAP NetWeaver
- SAP Solution Manager Ready functionality

Walldorf, March 12, 2013

Christoph Claus, SAP AG

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http://www.sap.com/icc

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Interface Certification

ABAP Add-On Deployment

Test Report

SAP Integration and Certification Center

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Interface Certification #22017430

SAP Interface incl. Release:	**ABAP Add-On Deployment**
SAP Product incl. Release used for test:	**SAP NetWeaver 7.30**
SAP Solution:	**SAP NetWeaver**
Hardware used for SAP test system:	**PC-Pentium, x64**
Operating System of SAP test system:	**Windows Server 2008R2**

Name of Vendor:	**AUDICON GmbH**
Vendor Number (SAP internal):	**2010404**
Vendor Product Name:	**SmartExporter**
Release Vendor Product:	**3.0**
Vendor Product Number (SAP internal):	**9253246**
Vendor Interface Software Name:	
Release Vendor Interface Software:	
Hardware used for Vendor Test System:	**PC-Pentium, x64**
Operating System of Vendor Test System:	**Windows Server 2008R2**
Tools used for the technical integration:	**certified Theobald ERPConnect**
Language Version tested:	**English**
Certification Date:	**March 12, 2013**
Expiration Date:	**March 11, 2016**
Location:	**remote**
Persons present - Vendor:	**Klaus van der Meulen** **Thomas Horschmann**
Persons present - SAP:	**Christoph Claus**

Certified Functions:

- ☒ **Assign Software Component with a registered Namespace**
- ☒ **Package Add-On using SAP Add-On Assembly Kit (AAK)**
- ☒ **Deploy using SAP Add-On Installation Tool (SAINT)**
- ☒ **Integrate with SAP NetWeaver**
- ☒ **SAP Solution Manager Ready functionality**

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1. Product Information

Product information	
Product web page:	http://www.smartexporter.de
Which releases of the SAP Business Solutions does the partner's software support? Check exactly one release. If the product supports multiple releases, please fill out one document per SAP release. Please name the corresponding version of the software.	☐ SAP ERP 2004 (SAP Basis 6.40) corresp. version of your software:
	☒ SAP NetWeaver 7.30 corresp. version of your software: 3.0
	☐ SAP for corresp. version of your software:
	☐ other corresp. version of your software:
For which databases is the software available?	All SAP supported databases
On which server platforms does the software run?	All SAP supported platforms

2. Functional Overview

Supported Functions and Business Processes – General Description	
Overview on the functionality and the purpose of the 3rd party product.	SmartExporter is a software solution used to export and automatically prepare SAP data for further analysis. Access just the SAP data you need for your analysis fast and easy. SmartExporter is a Windows application that can be installed in no time. It meets your requirements for ad hoc analyses while keeping your data analysis expenses at a considerably low level. SmartExporter has only read access to SAP data. It does not run any Update/Insert/Delete operation on SAP standard tables.

2.1 Complete List of used and released SAP objects

The list below has been given to SAP by the Vendor, for referencing purposes.
SAP cannot guarantee that it's complete.

Complete List of used BAPIs / RFCs / IDocs / ESs or other SAP building blocks *that are officially released* by SAP.	
POPUP_TO_CONFIRM	FILE_GET_NAME
CONVERSION_EXIT_ISOLA_INPUT	ARCHIVE_GET_TABLE
CONVERSION_EXIT_ISOLA_OUTPUT	ARCHIVE_CLOSE_FILE
BAPI_COMPANYCODE_GETLIST	ARCHIVE_READ_OBJECT
JOB_OPEN	ARCHIVE_OPEN_FOR_READ
JOB_CLOSE	ARCHIVE_GET_NEXT_OBJECT
DYNP_VALUES_READ	AS_API_READ
ADK_CCMS_GET_OBJECTS	GET_PRINT_PARAMETERS
SCP_CODEPAGE_FOR_LANGUAGE	AS_API_INFOSTRUC_SELECT

2.2 Complete List of used and unreleased SAP objects

The list below has been given to SAP by the Vendor, for referencing purposes.
SAP cannot guarantee that it's complete. Additionally, the correct functionality of the below mentioned objects is not in the scope of this ABAP Add-On Deployment certification.

Complete List of used but unreleased SAP objects, such as function modules and reports.	
SHOW_FILEPATH_FREESPACE	VIEW_ENQUEUE
DB_COMMIT	SUSR_USER_GROUP_GROUPS_GET
SLIC_GET_CUSTKEY	DD_SHLP_CALL_FROM_DYNP
SLIC_GET_LICENCE_NUMBER	RSAQ_READ_INSTALLED_LANGUAGES
SCMS_STRING_TO_XSTRING	AS_API_INFOSTRUC_SELECT
RS_FUNCTION_ACTIVE_CHECK	GUID_CREATE
TH_SERVER_LIST	SCP_GET_HTTP_NAME
F4UT_RESULTS_MAP	DDIF_FIELDINFO_GET
GET_MESSAGES	AIND_NAMETAB_GET
LIST_FROM_MEMORY	RFC_CLIENT_INFO
LIST_TO_ASCI	RFC_GET_ATTRIBUTES
SCMS_TEXT_TO_XSTRING	TH_USER_INFO
REUSE_ALV_EVENTS_GET	ENQUE_SLEEP
LVC_FIELDCATALOG_MERGE	GET_JOB_RUNTIME_INFO
REUSE_ALV_GRID_DISPLAY_LVC	BP_JOB_DELETE
GET_GLOBALS_FROM_SLVC_FULLSCR	CL_ABAP_ZIP
BP_JOBLOG_SHOW_SM37B	CL_ABAP_CONV_IN
	CL_GUI_ALV_GRID

3. Performance

3.1 Performance and Scalability

Overview on the architecture and design of the product including performance and scalability.	SmartExporter implements certain techniques that will ensure the stability during runtime. For example, a packed reading approach is used to avoid RFC timeouts. For large data volume requests SmartExporter will use the SAP background processing system to schedule data collection jobs instead of blocking a dialogue work process. SmartExporter separates relevant business process steps such as checking the request, estimating the request and executing the request.

3.2 Quality Assurance

Overview on Quality Assurance procedures from the vendors to assure that the interface design and performance consistently conform to specified requirements.	SmartExporter has been developed on five parallel major releases. Each development system is accompanied by a quality assurance system in which the developed objects are transported for full scale test drives.

4. Software Product Assessment

4.1 Check Documentation

Functional Documentation	☒ yes Comments:
Installation Documentation	☒ yes Comments:
Maintenance Documentation	☐ yes Comments:
End User Documentation	☒ yes Comments:
Test Plan Documentation	☐ yes Comments:
Test Report Documentation	☐ yes Comments:
Benchmark Results Documentation	☐ yes Comments:

4.2 Install and Configure Product for SAP Integration

How is the installation and setup of the product integration part done?	☒ good ☐ average ☐ poor
Remarks	

5. Test Cases

5.1 Checks performed by the AddOn Assembly Kit (AAK)	
Invalid objects	OK
Existence of objects and table entries to be delivered	OK
Assignment to namespace	OK
Delivery of CVERS entries (R3TR VERS) not possible	OK
New objects (entries) in Support Package/CRT	OK
Table entries (check if delivery-relevant/delivery behavior)	OK
Assignment to development class and software component	OK
Table entries in customer name range (protected: TRESC)	OK
Included AAK Log of Performed Checks	☐ yes ☒ no
Remarks: No log included, because everything was ok.	

5.2 Describe test steps to be executed during functional test The test cases below are executed to check that the Add-On could run successfully in the SAP environment. SAP does not validate or confirm the correct functionality of the Add-On.	
1 Logon test RFC_PING	OK
2 DDIC download	OK
3 Request check	OK
4 Request volume estimation	OK
5 Synchronous request execution (RFC)	OK
6 Hybrid request execution using buffer table / buffer file	OK
7 Cancelation of Hybrid request execution	OK
7 Asynchronous request execution using a backgound job to create a data file	OK
8 Cancelation of asynchronous request using a background job	OK
9 Customizing of SmartExporter settings	OK
10 Status overview of running and completed data requests using the corresponding SAP transaction	OK
12 Transfer of data files of asynchronous request	OK
13 Deletion of request files using the corresponding SAP transaction	OK

5.3 Describe performance load test steps to be executed during functional test The test cases below are executed within a reasonable time.	
1 Data transfer of large volume through synchronous mode (RFC)	OK
2 Data transfer of large volume through hybrid mode (Buffer table)	OK
3 Data transfer of large volume through asynchronous mode (file)	OK

6. Additional Service and Support

Does the partner company offer consulting services for this product?	☒ yes ☐ no
Remarks	

Does the partner company offer training classes for this product?	☒ yes ☐ no
Remarks	

Does the partner company offer general problem support for this product?	☒ yes ☐ no
Remarks	support@audicon.net

7. Partner Confirmation

Partner states that by following the guidelines of the ICC Integration Assessment or ICC Integration Guide, only the integration technologies listed in this document are used in the described interface software.
ABAP add-on deployment Certification is only valid for the SAP release and partner product release noted in this document; in the event of SAP **or** partner release changes SAP offers re-certification of the interface software.