



Certificate

SAP INTEGRATION CERTIFICATION

SAP SE hereby confirms that the interface software
for the product

E2E BRIDGE 6.0

of the company

Scheer E2E AG

has been certified for integration with SAP S/4HANA via the
SAP integration scenario S/4-CA-ALE 1.0.

This certificate confirms the existence of product features in accordance
with SAP certification procedures. SAP only certifies successful integration of the
product with SAP solutions. Vendor is responsible for the product itself and its error-free
operation.

The certification test is documented in report no. 9951
and expires May 2, 2020.

Vendor Hardware: PC x86-64

Vendor Operating System: Linux

SAP Test System: SAP S/4HANA 1511

Used Integration Tools: SAP NetWeaver RFC Library

This configuration meets the requirements for connecting E2E BRIDGE 6.0 to
SAP S/4HANA.

Certified Functions:

Loading repository from SAP IDoc description

ALE Outbound processing via tRFC with mapping

ALE Inbound processing via tRFC with mapping

Unicode Communication supported

Walldorf, May 2, 2017

Christoph Claus, SAP SE

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SAP[®] Certified
Integration with SAP[®] S/4HANA

Interface Certification

S/4-CA-ALE

SAP S/4HANA: ALE Converters

Test Report

Version 1.0

SAP Integration and Certification Center



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Interface Certification #9951

SAP Interface incl. Release: S/4-CA-ALE 1.0
SAP Product incl. Release used for test: SAP S/4HANA 1511
Hardware used for SAP test system: PC x86-64
Operating System of SAP test system: Linux

Name of Vendor: Scheer E2E AG
Vendor Number (SAP internal): 735993

Vendor Product Name and Release: E2E BRIDGE 6.0

Vendor Interface Software Name:
Release Vendor Interface Software:

Hardware used for Vendor Test System: PC x86-64
Operating System of Vendor Test System: Linux
Tools used for the technical integration: SAP NetWeaver RFC Library

Certification Date: May 2, 2017
Expiration Date: May 2, 2020
Location: remote
Persons present - Vendor: Andreas Meier

Persons present - SAP: Christoph Claus

Certified Functions:

- Loading repository from SAP IDoc description
 - ALE Outbound processing via tRFC with mapping
 - ALE Inbound processing via tRFC with mapping
 - Unicode Communication supported
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Vendor presentation

Vendor held a short presentation introducing its product and gives some information how the tRFC protocol is implemented and how the TIDs are handled.

Test 1 Process IDoc Metadata

Step	Result	Comments
Create parser file with IDoc metadata Or Request IDoc metadata through RFC call or SAP Connector	O.K.	
Make file available to Vendors software	O.K.	Only if needed.
Process file by Vendor software	O.K.	Only if needed.
Check repository of ALE Converter for IDoc definitions, segment structure definitions and field definitions	O.K.	

Additional comments:

-none-

Requirements detailed of Test 1 were met.

Requirements detailed of Test 1 were not met.

Test 2 Outbound processing

Single IDoc

Step	Result	Comments
Send 1 IDoc MATMAS01 Send 1 IDoc MATMAS01 with Unicode characters	O.K.	Transaction bd10
Check whether IDoc transferred to ALE converter	O.K.	Transaction we05 and sm58
Check if converter created output file	O.K.	
Check file contents for correct format	O.K.	See Appendix B in ALE Testplan
Check file contents for correct data	O.K.	Compare with IDoc listing in SAPGUI

Multiple IDocs

Step	Result	Comments
Send > 300 single IDocs Send > 300 IDocs in packages with 50 IDocs each.	O.K.	Transaction bd10
Check whether IDocs transferred to ALE converter	O.K.	Transaction we05 and sm58
Check if converter created correct number of output files	O.K.	Make sure that the number of created files matches with the number of sent IDocs according we05
Check file contents for correct format	O.K.	See Appendix B in ALE Testplan (spot checks)
Check file contents for correct data	O.K.	Compare with IDoc listing in SAPGUI (spot checks)

Multiple IDocs with multiple RFC Servers

Step	Result	Comments
Start another instance of the RFC server	O.K.	
Check if both instances are registered	O.K.	Transaction SMGW
Send > 300 single IDocs Send > 300 IDocs in packages with 50 IDocs each.	O.K.	Transaction bd10
Check whether IDocs transferred to ALE converter	O.K.	Transaction we05 and sm58
Check if converter created correct number of output files	O.K.	Make sure that the number of created files matches with the number of sent IDocs according we05
Check file contents for correct format	O.K.	See Appendix B in ALE Testplan (spot checks)
Check file contents for correct data	O.K.	Compare with IDoc listing in SAPGUI (spot checks)

Additional comments:

-none-

Requirements detailed of Test 2 were met.

Requirements detailed of Test 2 were not met.

Test 3 Inbound Processing

Using IDOC_INBOUND_ASYNCHRONOUS

Step	Result	Comments
Run Inbound mapping	O.K.	
Check if 1 IDoc arrived in SAP System Compare data and format	O.K.	Transaction we05
Check for correct function module called IDOC_INBOUND_ASYNCHRONOUS	O.K.	

Optional: Sending IDoc packages

Step	Result	Comments
Run Inbound mapping for 2 IDocs	O.K.	
Check if 2 IDocs arrived in SAP System Compare data and format	O.K.	Transaction we05
Check for correct function module called IDOC_INBOUND_ASYNCHRONOUS	O.K.	
Check if function module called only once	O.K.	Compare TIDs in table EDIDS

Additional comments:

-none-

Requirements detailed of Test 3 were met.

Requirements detailed of Test 3 were not met.