



Certificate

SAP INTEGRATION CERTIFICATION

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

Marlin Adress Validierung 3.05

of the company

ISO Software Systeme GmbH

has been certified for integration with SAP NetWeaver 7.40 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.
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. 9538
and expires September 05, 2020.

Vendor Hardware: PC x86-64

Vendor Operating System: SUSE Linux Enterprise Server 11

SAP Test System: SAP NetWeaver 7.40

This configuration meets the requirements for deploying Marlin Adress Validierung
3.05 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)

Integration with SAP NetWeaver

SAP Solution Manager Ready functionality

Walldorf, September 05, 2017

Christoph Claus, SAP SE

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Interface Certification

ABAP Add-On Deployment

Test Report

SAP Integration and Certification Center



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Interface Certification #9538

SAP Interface incl. Release: ABAP Add-On Deployment
SAP Product incl. Release used for test: SAP NetWeaver 7.40
SAP Solution: SAP NetWeaver

Hardware used for SAP test system: PC x86-64
Operating System of SAP test system: Windows Server 2012

Name of Vendor: ISO Software Systeme GmbH
Vendor Number: 27743

Vendor Product Name and Release: Marlin Adress Validierung 3.05

Vendor Interface Software Name:
Release Vendor Interface Software:

Hardware used for Vendor Test System: PC x86-64
Operating System of Vendor Test System: SUSE Linux Enterprise Server 11
Tools used for the technical integration:

Language Version tested: German

Certification Date: September 05, 2017
Expiration Date: September 05, 2020
Location: remote
Persons present - Vendor: Daniel Zierke

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)
 - Integration with SAP NetWeaver
 - Technical De-Installation Test
 - SAP Solution Manager Ready functionality
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1. Product Information

Product information	
Product web page:	http://www.isogmbh.de/leistungen/dataquality-management/adressvalidierung.html
Which releases of the SAP Business Solutions does partner's software support?	<input checked="" type="checkbox"/> SAP ERP 6.0 EhP7 (SAP Basis 7.40)
Support contact information:	https://support.isogmbh.com/login Every customer gets an individual account

2. Functional Overview

Supported Functions and Business Processes – General Description	
Overview on the functionality and the purpose of the 3 rd party product.	<p>Our SAP-integrated functions for MAV dialogue check:</p> <ul style="list-style-type: none"> • Postal correction of the address for maximum 240 countries • Address validation is performed online • Billing is performed per transaction • Addresses are corrected, standardized and missing entries are added • Post-office box and post code are checked • Conversion of alpha numeric post codes (NL, GB) into street and city • Search technique can be set up country-specifically • Fast Completion – entry support for call centres • Response within a few seconds • No administrative effort because no reference data need to be stored • The dialogue check can be called as an RFC-able functional module • No own server and database required • Every edited doublet is saved with a processing document (SOX compliant) in order to improve internal quality checks • The dialogue check is a RFC-able functional module which can be used in customers' programmes • The solution is integrated in the product Marlin Governance Process <p>Our SAP-integrated functions for MAV stock check:</p> <ul style="list-style-type: none"> • The functions of the MAV dialogue check • Stock data are checked via job • Convenient editing monitor for releasing changes • Addresses to be checked manually are provided in an operation queue • Corrected addresses are changed in the master record

3. Product Implementation

3.1 Complete List of used and *released* SAP objects

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

<u>Complete List of used BAPIs / RFCs / IDocs / ESs or other SAP building blocks that are officially released by SAP.</u>		
SCROLLING_IN_TABLE		
MASS_MESSAGE_GET		
NUMBER_GET_NEXT		
POPUP_TO_CONFIRM		
POPUP_DISPLAY_TEXT		
PARTNER_UPDATE		
ADDRESS_CHECK		
ADDRESS_UPDATE		
CUSTOMER_ADD_DATA		
VENDOR_ADD_DATA		

3.2 Complete List of used and *unreleased* SAP objects

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

<u>Complete List of used but unreleased SAP objects, such as function modules and reports.</u>		
ADDR_GET	MESSAGES_INITIALIZE	
ADDR_MEMORY_SAVE	MESSAGES_SHOW	
ADDR_SET_DIALOG_FOR_REG_DATA	REUSE_ALV_FIELDATALOG_MERGE	
ADDR_UPDATE	REUSE_ALV_GRID_DISPLAY	
BALW_BAPIRETURN_GET1	RFC_IS_GUI_ON	
DDIF_TABL_GET	RFC_PING	
F4UT_RESULTS_MAP	RS_REFRESH_FROM_SELECTOPTIONS	
LVC_FIELDATALOG_MERGE	STREE_EXTERNAL_EDIT	
MESSAGE_STORE		

4. Quality

The Information below is provided by the 3rd party Add-On provider.
It has neither been tested nor validated by SAP.

4.1 Performance and Scalability

Overview on the architecture and design of the product including performance and scalability.	The product is based on BAdI ADDRESS_CHECK. The validation is performed by an external web-service. The web-service is called via Soamanager.
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4.2 Quality Assurance

Overview on Quality Assurance procedures from the vendors to assure that the interface design and performance consistently conform to specified requirements.	Internal QA processes are available.
The following quality documents exist:	
Test Plan Documentation	<input checked="" type="checkbox"/> yes Comments:
Test Report Documentation	<input type="checkbox"/> yes Comments:
Benchmark Results Documentation	<input type="checkbox"/> yes Comments:

4.3 Security

The Add-On Development Lifecycle ensures security	OK
The Add-On does not contain any Cross-Site Scripting (XSS) vulnerabilities	OK
The Add-On does not contain any memory corruption vulnerabilities	OK
The Add-On does not contain any SQL or other data query and manipulation language injection vulnerabilities	OK
The Add-On does not contain any Path Traversal vulnerabilities	OK
The Add-On does not contain any intentionally hidden and non-documented features that circumvent security measures (backdoor)	OK
Remarks:	

5. Software Product Assessment

5.1 Check Documentation

Functional Documentation	<input checked="" type="checkbox"/> yes Comments:
Installation Documentation	<input checked="" type="checkbox"/> yes Comments:
Maintenance Documentation	<input type="checkbox"/> yes Comments:
End User Documentation	<input type="checkbox"/> yes Comments:
De-Installation Documentation, according to SAP Note 1883223 .	<input type="checkbox"/> yes Comments:

5.2 Install and Configure Product for SAP Integration

How is the installation and setup of the product integration part done?	<input checked="" type="checkbox"/> good <input type="checkbox"/> average <input type="checkbox"/> poor
Remarks	

6. Test Cases

6.1 Checks performed by the Add-On 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: TRESA)	OK
Included AAK Log of Performed Checks	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Remarks: There are some authorization objects in Z* namespace included.	

6.2 Technical De-Installation Test	
Add-On is de-installable	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no

6.3 Describe test steps to be executed during functional test	
<p>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.</p>	
1 Create or change an address e.g. in XD01/XD02. A validation is being triggered.	Message, when address is validated, otherwise popup with proposals.
2 Perform a validation on stock data, using TA /ISO/MAV_BVAL. Use select options to restrict data volume	A document was created. Check with TA /ISO/MAV_MON02 or /ISO/MAV_MON03
3 Check document created in test 2 using TA /ISO/MAV_MON02.	Document should be in the table
4 Doubleclick document in table.	Jump to document header
5 Click on tabstrip "detail".	Validation results are shown, separated in four categories
6 Category 1: Validated results. Mark one or more results, then press "Confirm"	Results are confirmed and will disappear from worklist when category "Validated" is chosen the next time

<p>7 Category 2: Corrected results. Mark one or more results, then press “Confirm”</p>	<p>Results are confirmed and will disappear from worklist when category “Validated” is chosen the next time. The corrected address is written to the master data object. Check address data in corresponding transaction before and after test.</p>
<p>8 Category 3: Results to be edited. Klick button in column “validate”. Select one proposal, then click button “Select”</p>	<p>Proposal is being accepted and result will disappear from worklist when category “to be edited” is chosen the next time. The chosen address is written to the master data object. Check address data in corresponding transaction before and after test.</p>
<p>9 Category 4: incorrect results. Klick button in column “edit”.</p>	<p>The corresponding master data transaction is called. The following process continues according to test case 1.</p>

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.

The partner solution **has not been deployed or tested on SAP Solution Manager** as part of the certification procedure. It’s therefore not “certified for SAP Solution Manager”.