



# Certificate

## SAP INTEGRATION CERTIFICATION

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SAP SE hereby confirms that the PI Content Package

### Package for LABS SUITE 4.2

of the company

### iCD. GmbH & Co. KG

for the product SAP ECC 6 EhP 5 and LABS SUITE 4.2  
has been certified for integration with SAP PI 7.1 via the  
SAP integration scenario NW-XI-CNT 7.1.

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. 34151704  
and expires November 17, 2018.

Vendor Hardware: PC x86-64

Vendor Operating System: Windows Server 2012

SAP Test System: SAP Process Integration (PI) 7.1

This configuration meets the requirements for running Package for LABS SUITE 4.2  
on the SAP NetWeaver platform.

#### Certified Functions:

Packaging

Documentation

Syntactical Correctness

Functional Correctness

- Download quality inspection specification
- Upload quality inspection results

Walldorf, November 18, 2015

Christoph Claus, SAP SE

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<http://www.sap.com/icc>



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Powered by SAP NetWeaver<sup>®</sup>

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# **Interface Certification**

## **NW-XI-CNT PI Content Packages**

### **Test Report**

Version 7.1

SAP Integration and Certification Center



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## **Interface Certification #34151704**

**SAP Interface incl. Release:** NW-XI-CNT 7.1  
**SAP Product incl. Release used for test:** SAP PI 7.1  
**Hardware used for SAP test system:** PC x86-64  
**Operating System of SAP test system:** Windows Server 2012

**Non-SAP Product incl. Release:** LABS SUITE 4.2  
**SAP Product incl. Release:** SAP ECC 6 EhP 5

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**Name of Vendor:** iCD. GmbH & Co. KG  
**Vendor Number (SAP internal):** 1116638

**Vendor Content Package:** Package for LABS SUITE  
**Release Vendor Content Package:** 4.2  
**Vendor Product Number (SAP internal):** 9259412

**Hardware used for Vendor Test System:** PC x86-64  
**Operating System of Vendor Test System:** Windows Server 2012  
**Tools used for the technical integration:**

**Certification Date:** November 18, 2015  
**Expiration Date:** November 17, 2018  
**Location:** remote  
**Persons present - Vendor:** Wolfgang Rossner

**Persons present - SAP:** Christoph Claus

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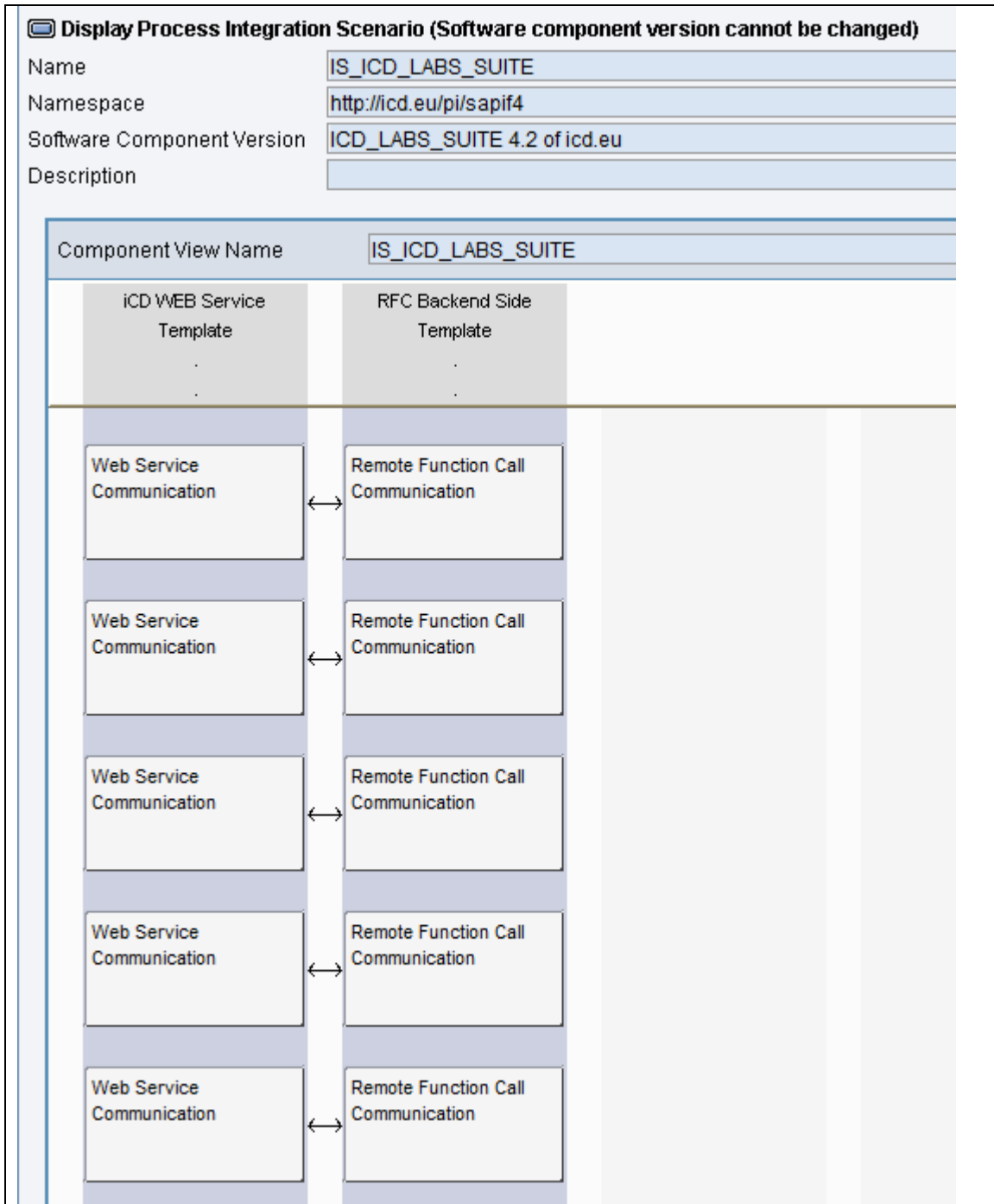
### **Certified Functions:**

- Packaging**
  - Documentation**
  - Syntactical Correctness**
  - Functional Correctness**
  - Download quality inspection specification
  - Upload quality inspection results
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## 1. Product Information

SLD - Object	
Product Vendor	icd.eu
Product	LABS SUITE 4.2
Product Version	1
Software Component	ICD_LABS_SUITE
Software Component Version	4.2
Namespace	<a href="http://icd.eu/pi/sapif4">http://icd.eu/pi/sapif4</a>
Integration Scenario	IS_ICD_LABS_SUITE
Which release of the SAP Business System Application does the partner's XI Content integrate? Check exactly one release. If the integration scenarios support multiple releases, please fill out one document per SAP release.	<input type="checkbox"/> R/3 4.6
	<input type="checkbox"/> R/3 Enterprise 4.7
	<input checked="" type="checkbox"/> SAP ERP 6.0
	<input type="checkbox"/> SAP CRM
	<input type="checkbox"/> SAP BI
	<input type="checkbox"/> other
Which non-SAP Business System Application and version does the partner's XI Content integrate? If the integration scenarios support multiple releases, please fill out one document per non-SAP release.	Name: LABS SUITE Version: 4.2

## 2. Integration Scenario



### 3. Integration Technology

3.1 Use of SAP's Integration Technologies	
SAP Business Application Programming Interfaces (BAPIs):	<input type="checkbox"/> yes
Remote Function Call (RFC): If you use RFC, what kind of functions do you use?	<input checked="" type="checkbox"/> yes
Customer-released RFCs by SAP according to ABAP Workbench transaction SE37	<input checked="" type="checkbox"/>
Self-developed RFCs	<input type="checkbox"/>
Others	<input type="checkbox"/>
SAP Intermediate Documents (IDocs) via EDI or Application Link Enabling (ALE). If you use IDocs, what kind of IDocs do you use?	<input type="checkbox"/> yes
Standard Idocs created by SAP and sent as messages by standard SAP components according to transaction WE81	<input type="checkbox"/>
Extended or self-developed IDocs	<input type="checkbox"/>
Others	<input type="checkbox"/>
Business Transaction Events (BTEs, Open FI):	<input type="checkbox"/> yes
SAP Workflow:	<input type="checkbox"/> yes
Others (e.g. Batch Data Communication, Direct Input, Data Migration Reports):	<input type="checkbox"/> yes Please provide details:
SAP enhancements (e.g. User Exits, Customer Exits, Business Add-Ins (BADIs)):	<input type="checkbox"/> yes

<b>3.2 Use of Message Communication Technologies</b>	
Message - Mapping	<input checked="" type="checkbox"/>
XSLT - Mapping	<input type="checkbox"/>
Java - Mapping	<input type="checkbox"/>
ABAP – Mapping	<input type="checkbox"/>
Value Mappings	<input type="checkbox"/>
Integration Processes	<input type="checkbox"/>
ABAP - Proxies	<input type="checkbox"/>
Java - Proxies	<input type="checkbox"/>
Required Adapters	<input checked="" type="checkbox"/> RFC Adapter
	<input type="checkbox"/> IDoc Adapter
	<input type="checkbox"/> HTTP Adapter
	<input checked="" type="checkbox"/> SOAP Adapter
	<input type="checkbox"/> other

#### 4. XI Content Assessment

<b>4.1 Check Documentation</b>	
XI Content Documentation	<input checked="" type="checkbox"/> yes
Configuration Guide	<input checked="" type="checkbox"/> yes

<b>4.2 Deployment</b>	
Import zip file with SLD Content	<input checked="" type="checkbox"/> yes
Import tpz files with XI Content	<input checked="" type="checkbox"/> yes
Syntactical Check	<input checked="" type="checkbox"/> yes



<p><b>4.3 Describe test steps executed during XI Content Certification Test:</b></p> <p><b>Test of QIRF_SEND_REQUIRMENTS_GET_DAT2 and QIRF_SEND_COMMIT_TO_QM</b></p> <p>The LABS/Q BATCH task SAP_JOBS looks for entries in the worklist table (operation levels for inspection lots).</p> <p><b>Test steps to do on C65_ICD side:</b></p> <p><u>Step 1:</u> Login in SAP. Check if Material ICD51064” exists.</p> <p><u>Step 2:</u> Create an inspection lot (Prüflos) with:  Material= “ICD51064”  Herkunft= 01  Charge=Cert001 // or any “free” number  (See <b>Fehler! Verweisquelle konnte nicht gefunden werden.</b> for details how this can be done.)</p> <p><b>Test steps to do on ICD side:</b></p> <p><u>Step 1:</u> Instead of waiting 10 minutes, login into LABS/Q and start BATCH task SAP_JOBS without arguments manually. This invokes the QIRF_SEND_REQUIRMENTS_GET_DAT2. If successful, followed immediately by QIRF_SEND_COMMIT_TO_QM to commit the successful transfer back to the SAP backend. In addition this will trigger other BATCH tasks.  (See <b>Fehler! Verweisquelle konnte nicht gefunden werden.</b> for details how this can be done.)</p> <p><b>Expected results:</b></p> <p>After a short while (but no longer than 5 minutes) the sapif4 system should have inserted the SAP response of operation levels for inspection lots into LABS/Q. Go to the LABS/Q registration module to proof.</p> <p><b>Test of QIRF_GET_ALL_DATA_VALUES2 (Upload of Results) and QIRF_GET_USAGE_DECISION2</b></p> <p>When a submission is released, the interface transfers the final results (average values for a submission) of the specification properties to SAP.</p> <p>If the submission is created directly using the SAP information, as we did in the previous step, this transfer automatically.</p> <p>The results are only transferred for properties, which SAP has transferred to LABS/Q before. After transferring the results the properties are released in SAP.</p> <p><b>Test steps to do:</b></p> <p><u>Step 1:</u> Wait until the BATCH registered submissions downloaded from SAP (see above) and prepared for result entry.  <u>Step 2:</u> Enter results for this submissions.  <u>Step 3:</u> Release this submissions. This event triggers the sapif4 automatically and will fire the QIRF_GET_ALL_DATA_VALUES2 call.  <u>Step 4:</u> Upload usage decision with QIRF_GET_USAGE_DECISION2.</p>	OK
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**Expected results:**

After a short while (but no longer than 5 minutes) the sapif4 system should have transmitted these calls to the SAP backend. Using the SAPGUI you should see the transmitted results on SAP side.

*Debugging Hint:*

*If the transfer of results fails, due to a database lock in SAP, the interface tries to repeat the transfer 30 minutes later. In this case there will be a remark in the LABS/Q "System Messages" module (see message group: SAP\_REPEAT).*

**Test of QIRF\_SEND\_CATALOG\_TYPES**

Transfer of catalog types.

**5. Partner Information**

Partner states that by following the guidelines of the XI Content Test Catalog, only the integration technologies listed in this document are used in the described interface software.

NW-XI-Content Certification is only valid for the SAP release, non-SAP release, and partner product release noted in this document; in the event of SAP **or** non-SAP release, **or** partner release changes SAP offers re-certification of the interface software.