



CERTIFICATE

SAP INTEGRATION CERTIFICATION

SAP[®] Certified
Integration with SAP NetWeaver[®]

SAP AG

hereby confirms that the interface software component

PAMerp archiving version **4.40**

for the product **PAMerp** version **4.0**

of the company

H&S Heilig und Schubert Software AG

has been certified for integration with **SAP NetWeaver 6.20** via the SAP integration scenario **BC-AL HTTP CS 6.20 – SAP ArchiveLink Integration**.

This certificate confirms the existence of product functionality in accordance with SAP certification procedures. It does not guarantee that the product is error-free.

The certification test is documented in report no. 15081030 and expires 2014-06-06.

Vendor Hardware: Intel (Xeon) (64 Bit)

Vendor Operating System: Windows 2003 Server 64Bit

Storage System: Filesystem

This configuration meets the requirements for connecting PAMerp to SAP NetWeaver.

Certified Functions:

HTTP Content Server functionality

OLE Frontend functionality

Barcode BAPI

Solution Manager Ready Functionality

Walldorf, 2011-06-07

Dirk Michael Schulze - SAP AG

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Interface Certification

BC-AL HTTP CS Archiving and Imaging Integration MS Windows 2003 Server Test Report



Version 6.20

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Interface Certification Project #15081030

SAP Interface Release: BC-AL HTTP CS 6.20
SAP Product Release: SAP NetWeaver 6.20

Name of Vendor: H&S Heilig und Schubert Software AG
Vendor Number: 1112613

Product Name: PAMerp
Product Version: 4.0
Product Number (SAP internal): 9250002

Software Component Name: PAMerp archiving
Software Component Version: 4.40

Hardware used for Vendor Test System: Intel (Xeon) (64 Bit)
Operating System of Vendor Test System: Windows 2003 Server 64Bit
Storage System used for Vendor CS: Filesystem (64 Bit)

Certification Date: 2011-06-07
Expiration Date: 2014-06-06
Location: Walldorf
Persons present - Vendor: Mr. Cadez
Mr.

Person present - Certification: Dirk Michael Schulze - SAP AG
Person initiated certificate - SAP: Dirk Michael Schulze - SAP AG

Certified Functions:

<input checked="" type="checkbox"/>	HTTP Content Server functionality
<input type="checkbox"/>	SAP Content Server Cache functionality
<input checked="" type="checkbox"/>	OLE Frontend functionality
<input checked="" type="checkbox"/>	Barcode BAPI
<input checked="" type="checkbox"/>	Solution Manager Ready Functionality
<input type="checkbox"/>	AL-LOAD Test performed with Key Figures

Documents/hour
% CPU utilization (Content Server)

(see OSS Note for more details)

1. HTTP Content Server Communication

Function	Chapter in test catalog	Rating	Note
RSCMST (all subtest in sequential order)	4.1	O.K.	
Print List execution and access	4.2	O.K.	
Outgoing Document simple Stress test (requirements for successfully passing this test step see current Test-Plan)	4.3	O.K.	19.76 documents per second
Function Modules single test (this test may only be performed on upcoming problems, otherwise this step has been done with RSCMST)	4.4	O.K.	

Additional comments:
none

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 Requirements detailed in Section 1 were met. On the certificate entry „HTTP Content Server functionality“ appears under „Certified functions“.

Requirements detailed in Section 1 were not met. A new testing appointment was agreed for <Date Retest>.

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2. OLE 2.0 Automation

Function	Chapter in test catalog	Rating	Note
Single stage archiving (Archive in dialog)	6.1	O.K.	
Single stage archiving (Display archive object)	6.2	O.K.	

Additional comments:

none

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Requirements detailed in Section 2 were met. On the certificate entry „OLE-front-end functionality” appears under „Certified functions“.

Requirements detailed in Section 2 were not met. A new testing appointment was agreed for <Date Retest>.

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3. Barcode

Function	Chapter in test catalog	Rating	Note
Realize client program „BARCODE_BAPI_SENDRIST“ Confirm several barcodes, correct entry in /oam1	7.1	O.K.	
Correct error handling by the archive system	7.2	O.K.	

Additional comments:
none

=====

Requirements detailed in Section 3 were met. On the certificate the entry „Barcode-BAPI“ appears under „Certified functions“.

Requirements detailed in Section 3 were not met. A new testing appointment was agreed for <Date Retest>.

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4. AL-Load Test - System Environment details (Optional)

(These entries will appear in the OSS Note)

A. *VENDOR SYSTEM*

Content Server OS:
Number of CPU's:
CPU Speed:
Total Main Memory: **GB**
Database: **DB Name**

B. *SAP SYSTEM*

SAP System Release:
Operating System:
Number of CPU's:
CPU Speed:
Total Main Memory: **GB**
LAN-Speed:
Number Dialog WP:
Number Background WP:
Database:

5. AL-LOAD Phase One – Store Documents (Optional)

Print List creation with report Z_NEW_PRI_LIST

A print list, provided by SAP will be archived with a file size of 478 MB and a description file with size 4.5 MB.

Job-Name:
Data file size: MB
Description file size: MB
Archiving time: seconds

Step was successful: No
Remarks:

Mass Test with report Z_NEW_DOC_OUT

This is a mass test of outgoing documents. This test is carried out to see how many documents a content repository can store within one hour without crashing or losing documents.

Number of Jobs:
Variant Name:
Document Count:
Archiving time: seconds
Documents Processed:
CPU utilization CS: %
CPU utilization SAP: %
Number of Documents per hour:

Step was successful: No
Remarks:

Data Archiving

A Data Archiving run will be simulated which generates several data files. Each Data File will be archived with a separate background job (transactions SARA and SARI).

Number of Data files:
Data file size total: MB
Archiving time: seconds

Step was successful: No
Remarks:

6. AL-LOAD Phase Two – Access Documents (Optional)

Accessing stored Print List

The print list will be accessed at the beginning, in the middle and on the end using attribute search functionality with test report Z_NEW_STRESS_PRI_LIST. Average runtime is one third of the overall runtime.

Report Z_NEW_STRESS_PRI_LIST:

Overall runtime: msec

Step was successful: No

Remarks:

Average run time per attribute search access: msec

Accessing archived document simultaneously

At least five client programs will access the same document simultaneously several times.

Report Z_NEW_STRESS_ACCESS_OUT_DOC:

Number of Client Programs:

Number of Document Accesses:

Total Time used: seconds

Access time per Document: msec

Step was successful: No

Remarks:

Accessing single receipts on stored documents randomly

Report Z_NEW_STRESS_SFLIGHT_READ:

Number of stored data files:

Number of Objects accessed:

Access time per Object: msec

Step was successful: No

Remarks:

7. Solution Manager Ready Functionality Test Results

To be filled out by the SAP ICC Consultant

1. Check SLD Registration

	System Landscape Registration	Rating	Note
a	Creating an XML document with your preliminary PPMS data	Yes	
b	Posting the XML document to the SLD	Yes	
c	The Third Party System appears under Technical Landscape in SLD (filter – Third Party Systems)	Yes	

2. Check SAP Solution Manager Diagnostics compliant settings

	Logs and Configuration	Rating	Note
a	The default installation and configuration file paths of the Third Party component are described in a <i>Installation Guide</i> or similar	Yes	
b	The default log and trace file paths of the Third Party component are described in a <i>Installation Guide</i> or similar	Yes	
c	If possible, SAP related configuration information should be accessible in the file system	Yes	
d	All log, trace, configuration and installation files are accessible in the file system	Yes	
e	All log, trace, configuration and installation files are in human readable format	Yes	