

SAP Solution Manager Ready

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Integration & Certification Center (ICC)

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THE BEST-RUN BUSINESSES RUN SAP™





Big Picture and Benefits

PPMS

SLD Registration

Requirements

How to get the Tools and Documentation?

THE BEST-RUN BUSINESSES RUN SAP™



SAP Solution Manager is SAP's standard application management platform



SAP Solution Manager – Best-in-class Management of true SAP Solution Essentials

The SAP Solution Manager

- Provides tools, content and best practices during the complete life-cycle
- Is mandatory for all Business Suite 2005 and beyond customers

SAP recommends to use SAP Solution Manager release 4.0



„Deploying SAP Solution Manager is a best practice step every customer should take to prepare for the world of enterprise service-oriented architecture“

Derek Prior, AMR Research

SAP Solution Manager for all phases of the application management life cycle



Implementation of SAP solutions

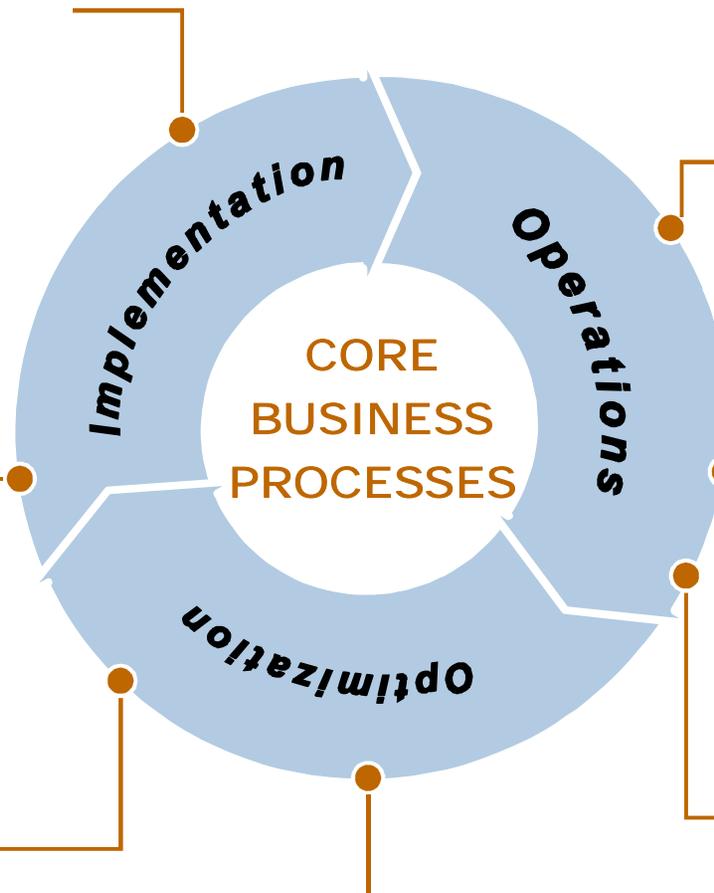
- SAP methods & tools
- Global rollout
- Customizing sync.
- E-learning mgmt.
- Test management

Upgrade of SAP solutions

- SAP methods & tools
- E-learning mgmt.
- Test management

Change Request Management

- Follows ITIL standards
- Maintenance processes



Delivery of SAP Services

- Onsite/remote delivery
- Issue Management

Solution Monitoring

- System monitoring
- Business process monitoring
- Central system administration
- Solution reporting
- Service Level reporting
- SAP EarlyWatch Alert

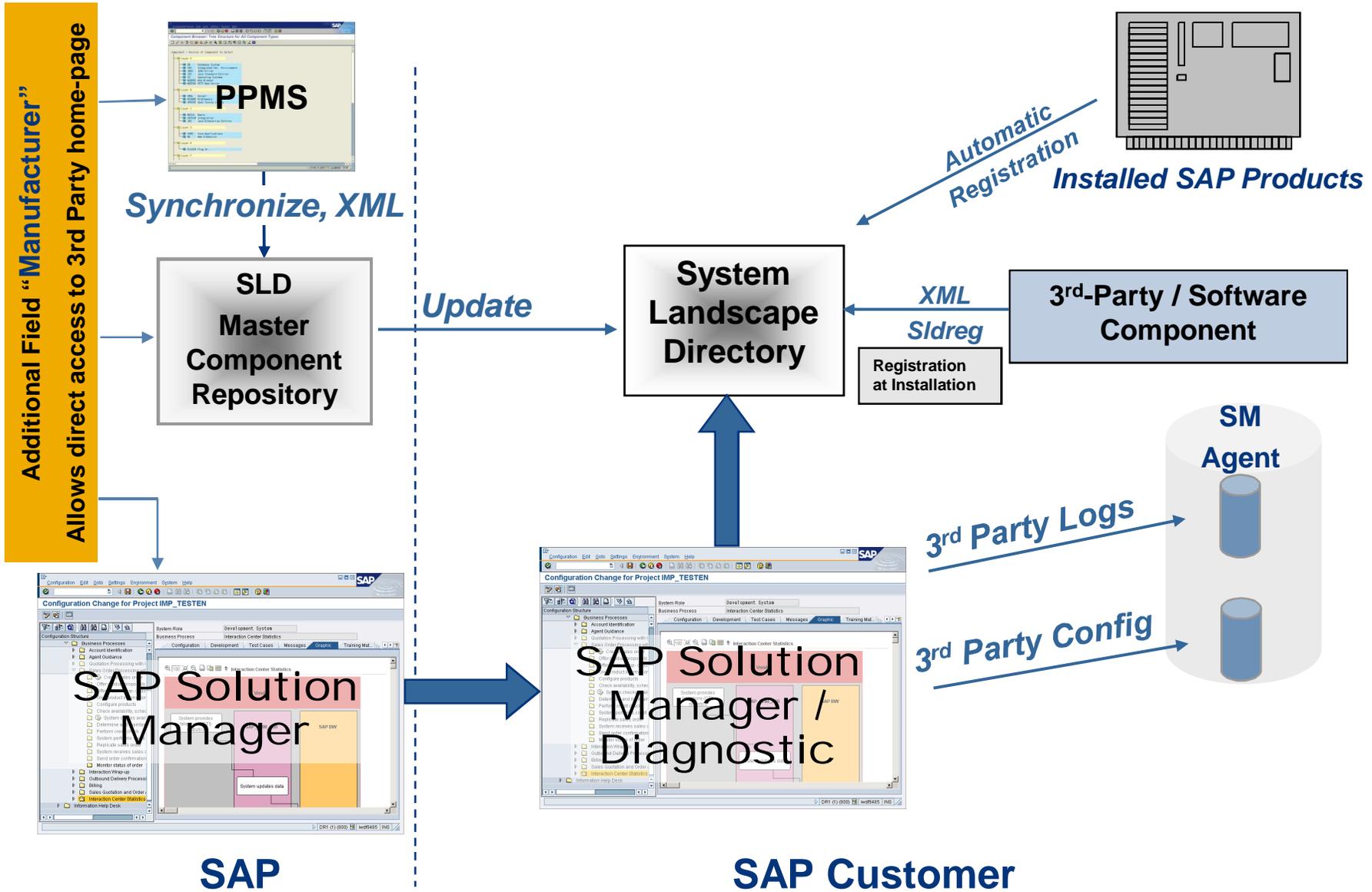
Service Desk

- Best Practices for messaging
- Integration of 3rd-party help desks

Root Cause Analysis

- Safe remote access
- Performance measurement
- Logs and Dumps
- Traces
- Technical configuration

SLD Registration and Solution Manager Integration



Benefits of SAP Solution Manager Ready



... to CUSTOMERS

Enhance Return on Investment

- Reduce integration costs with pre-certified solutions for SAP applications
- Decrease deployment risks for solutions running on SAP NetWeaver with SAP endorsed technologies
- Aim for minimal interruption during software upgrades

Offer Choice

- of 3rd party solutions which either extend SAP functionality **and/or run on SAP NetWeaver**

Reduce Downtime

- SAP Solution Manager Ready integration testing
- Regular re-certifications

Provide Transparency

- New logos clearly document technical integration area



... to PARTNERS and ISVs

Opportunity for better Customer Landscape integration

- All Third Party Product-Version and Software Component-Version Data will be visible in the SLD Software Catalogue and the Solution Manager Product Definitions at Customer Site
- Better Integration and Faster Support

Marketing Benefits

- Logo and Endorsement Line "SAP Solution Manager Ready"
- Online listings

There are no additional fees within a new certification



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THE BEST-RUN BUSINESSES RUN SAP™



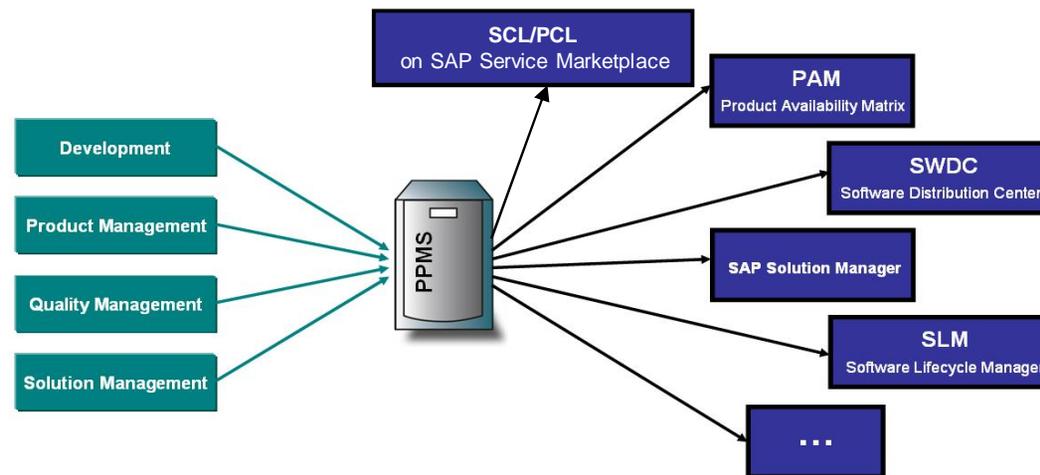
What is PPMS?

more Information in SAP Corporate Portal
<http://portal.wdf.sap.corp/go/ppms>



PPMS is the central knowledge repository for technical information on SAP software components, products, processes, and scenarios.

We have extended this repository with Third Party Vendor Product and Software Component data information.



- PPMS is the foundation for many internal and external tools and services. → high PPMS data quality is important / crucial / essential
- Depending on the development status the appropriate development team, the product management, the quality management, or the solution management maintains the data in PPMS.

What is PPMS? (Product and Production Management System)



***(Core-)PPMS:
Central knowledge repository for (technical) information on
SAP products and software components.
Since January 2008 also Third Party Vendor products.***

We have currently

- ❑ *489 - 3rd Party Vendor Products in PPMS*
- ❑ *495 - 3rd Party Vendor Product-Version in PPMS*
- ❑ *514 - 3rd Party Vendor Software-Components in PPMS*
- ❑ *522 - 3rd Party Vendor Software-Component-Versions in PPMS*

PPMS Entry Maintenance after Certification for the 3rd Party Product



User's Maintenance Objects
Juergen Becker

150 entries

Obj. Type	Object Type	Name of Object
Product		ACCOU.PAYABLE WORKB. BY BIZAPS
Product		APICONNECT BY APICON
Product		APICONNECT/DM BY APICON
Product		AUTHORIZ.PROC.MGR.BY APPLICON
Product		BCG BY QUANTITYWARE
Product		BI DATA INTERFACE BY SYSKOPLAN
Product		BIZ 2 OFFICE SYNCHRONIZER
Product		CBW NLS IQ BY PBS
Product		CC CONSPREP BY CONVISTA
Product		CONIGMA CCM BY GALILEO GROUP
Product		CONTROL 2007 BY NIMBUS
Product		CRONET WORK BY INDUSTRIE INF...
Product		DEEP INTEGRATION BY CENIT
Product		DOCUMENT CONTROL CENTER BY...
Product		ENT.SOURC.PLATFORM BY BRAVO...
Product		EPES BY ACCENTURE
Product		FORMS LIFECYCLE MGR BY ARCH
Product		HSBW BY HOTEL.DE
Product		IASNOTES BY CUNDUS
Product		INVOICE COCKPIT BY EBYDOS
Product		IRIS FORMS BY SYSTEMATIC
Product		LEO BY LOGIPLAN

Description in Language: English

TATIS Customs Management Solution

Info URL: <http://www.tatis.com/solutions>
Linked with: <no link entered>

Responsible Organization: Integration & Cert. Center From Z_Others

Vendor Classification: 3rd Party, SAP-Certif. Integr.

Manufacturer's Domain: tatis.com
Linked with: <no link entered>

It is extremely important that we enter the most accurate data for each Product

Parts of the data will be extracted and transferred to the SLD and/or Solution Manager such as

- ***Info URL***
- ***Manufacturer's Domain***

PPMS Entry Maintenance after Certification for the 3rd Party Product-Version I



The screenshot displays the SAP PPMS Entry Maintenance interface. The main window shows a list of 150 entries with columns for 'Obj. Type', 'Object Type', and 'Name of Object'. The 'Name of Object' column is highlighted, showing various object names including 'ACC.PAYABLE.WORKB.(BIZAPS).2.1' and 'TATISCMS 2.0'. A blue arrow points from the 'TATISCMS 2.0' entry in the list to the 'Object Properties' pane on the right. In the 'Object Properties' pane, the 'Technical Information' section is circled in red. Below this, a detailed view of the 'Object' 'TATISCMS 2.0' is shown, with its 'Object Number' '0120031469090000986' also circled in red. The 'Analyses for This Object' pane on the right shows details for the selected object, including 'Description in Language' (English), 'Info URL' (http://www.tatis.com/solutions), 'Responsible Organization' (Integration & Cert. Center), 'Manufacturer's Domain' (tatis.com), 'Product' (TATISCMS BY TATIS), and 'Release Type' (3rd Party (Shipped by 3rd Par)).

Some of the generic data from the Product entry will be linked into the Product-Version

The Technical Information Data must be used for the SLD Registration (e.g. `ThirdPartySystem.properties.example`)

- **Object is the Product-Version**
- **Object Number is the Product-Version ID**

PPMS Entry Maintenance after Certification for the 3rd Party Product-Version II



Availability: 1 entry

Exception	Text of Delivery Time	Int. Stat.	Int. Avail. Date	Ext. Stat.	Ext. Avail. Date	External Visibility
	Certified / Qualified by SAP	Available	07.02.2008	Available	07.02.2008	Customers (S Users) + External

Maintenance: 1 entry

Ex...	Name of Maintenance	Date Type	Internal Date	External Date	External Visibility (Name)
	End of mainstream maintenance		07.02.2011	07.02.2011	Customers (S Users) + External

Object Properties ...

- Header Data
- Availability
- Maintenance
- Activated Instances
- Comprised Component
- Prerequisite Product Ve
- Release Sequence
- Released for
- Support Package Stack
- Upgrade Paths
- Responsible
- Technical Information
- Object Settings
- Properties to Change in

Quick Links ...

- PPMS Work Center
 - Search by ...
 - Analytics Browser
 - Tasks
 - Favorites
 - Maintenance Objects

Analyses for This Object

Description in Language	English	
TATIS Customs Management Solution TATISCMS 2.0		
Info URL	http://www.tatis.com/solutions	
Linked with	TATISCMS BY TATIS - Info URL	
Responsible Organization	Integration & Cert. Center	From Z_Others
Linked with	TATISCMS BY TATIS - Responsible Organizational Unit	
Vendor Classification	3rd Party: SAP-Certif. Integr.	
Manufacturer's Domain	tatis.com	
Linked with	TATISCMS BY TATIS - Vendor Classification	
Product	TATISCMS BY TATIS	
Release Type	3rd Party (Shipped by 3rd Par)	
Type of Product Version	<input checked="" type="radio"/> Add-On Product Version <input type="radio"/> Standalone Product Version	

We are going to reflect the lifecycle data for the appropriate Product Version such as:

- availability
- Maintenance stream

Product Version Components Graphical Visualization

Fill from Predecessor

Components	Leading Component	Optional	Minimum Support Packag...
TATIScms Java Application			
TATISCMS 2.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Prerequisite Product Versions Graphical Visualization

Add-On Relationships	Required Instance
TATISCMS 2.0 is an add-on to	
SAP NETWEAVER 7.0 (2004S)	
TATIScms Java Application	Requires Application Server Java

- Comprised components of the Product Version
- Required SAP Product Versions

PPMS Entry Maintenance after Certification for the 3rd Party Software Component Version I



User's Maintenance Objects
Juergen Becker

150 entries

Obj. Type	Object Type	Name of Object
	Software Component	APICONNECT BY APICON
		APPLIAPM
		BAA
		BDFPLM
		BITSMART BY BADENIT
		CC CONSPREP
		CENIT
		COCKPIT BY EBYDOS
		CUBA
		EPES BY ACCENTURE
		EPO1
		FILETEK
		FLM
		GALCON01
		HSBW BY HOTEL DE
		IIG
		INPUNCTO
		IRIS MTF SERVICE BY
		KMDLOEN BY KMD
		LOT
		MOBISYS

Description
Description in Language: English
TATIS Customs Management Solution

Info URL
Linked with: <no link entered>

Responsible Organization: Integration & Cert. Center
From Z_Others

Vendor Classification: 3rd Party: SAP-Certif. Integr.
Manufacturer's Domain: tatis.com
Linked with: TATISCMS BY TATIS - Vendor Classification

Technical Name: TATISCMS_20

Development Envir.: Java

Component Type: Integration

User's Maintenance Objects
Juergen Becker

150 entries

Obj. Type	Object Type	Name of Object
	Software Component Version	APICONNECT BY APICON V.3
		APPLIAPM 200_700
		BAA 100_700
		BDFPLM 100
		BITSMART BY BADENIT 210_700
		CC CONSPREP 1.20
		CENIT 100
		COCKPIT BY EBYDOS 242
		CUBA 100_700
		EPES BY ACCENTURE 400_700

Software Component Version TATISCMS 2.0: Display

Object Properties ...

- Header Data
- Availability
- Maintenance
- Release Sequence
- Released for Support Packages
- Upgrade Paths
- Instantiations
- Downward Compatibility
- Comprised Component
- Dependencies
- Responsible
- Technical Information
- Object Settings
- Properties to Change in

Quick Links ...

- PPMS Work Center
- Search by ...
- Analytics Browser
- Tasks
- Favorites
- Maintenance Objects
- Personal Settings
- Information

Analyses for This Object

Description in Language: English
TATIS Customs Management Solution 2.0

Info URL
Linked with: <http://www.tatis.com/solutions>
TATISCMS 2.0 - Info URL

Responsible Organization: Integration & Cert. Center
Linked with: TATISCMS - Responsible Organizational Unit

Vendor Classification: 3rd Party: SAP-Certif. Integr.
Manufacturer's Domain: tatis.com
Linked with: TATISCMS - Vendor Classification

Technical Name: TATISCMS_20

Release: 2.0

Runtime Environ.: J2EE Server

Software Component: TATISCMS

Release Type: 3rd Party (Shipped by 3rd Par)

On the Software Component Level we have similar entries for the 3rd party solution. Some of the entries are devised meta-data from the product and/or product version.

PPMS Entry Maintenance after Certification for the 3rd Party Software Component Version II



Dependency Installation Time		Graphical Visualization	
Installation Time			
TATISCMS 2.0			
Required	SAP J2EE ENGINE 7.00		
Required	SAP J2EE ENGINE CORE 7.00		
Required	J2EE ENGINE CORE TOOLS 7.00		
and Required	J2EE ENGINE BASE TABLES 7.00		
and Required	SAP STARTUP FRAMEWORK 7.00		

It may be very important to know what Dependencies are apply with respect to the required SAP Software Components at installation time

Version of Object	5		
Object	TATISCMS 2.0		
Object Number	01200314690200007991		
Object Type	Software Component Version		
Created by	Juergen Becker	11.02.2008	12:58:42
Last Changed by	Juergen Becker	11.02.2008	14:00:51

Software Component Version TATISCMS 2.0: Display

Object Properties ...

- Header Data
- Availability
- Maintenance
- Release Sequence
- Released for
- Support Packages
- Upgrade Paths
- Instantiations
- Downward Compatibilit
- Comprised Componen
- Dependencies
- Responsible
- Technical Information
- Object Settings
- Properties to Change ir

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Manufacturer's Domain: tatis.com

Linked with: TATISCMS - Vendor Classification

Technical Name: TATISCMS_20

Release: 2.0

Runtime Environ.: J2EE Server

Software Component: TATISCMS

Release Type: 3rd Party (Shipped by 3rd Par)

Quick Links ...

- PPMS Work Center
- Search by ...
- Analytics Browser
- Tasks
- Favorites
- Maintenance Objects
- Personal Settings
- Information

The Technical Information Data must be used for the SLD Registration (e.g. ThirdPartySystem.properties.example)

- **Object is the Software Component-Version**
- **Object Number is the Software Component-Version ID**

How we collect the PPMS data



In the Solution Manager Ready upgrade package we have two documents available to collect the Data.

The Document reflects the major entries for the:

- ***Product-Version***
 - ***Software Component Version***
 - ***Release dependent entries***
 - ***Required SAP Product/SW-Component dependencies***
-
- ***a step by step guide on how to use the PPMS Data Collection Document***
 - ***The PPMS Data Collection Document itself***

SolMan_TestReport and PPMS Data Collection.doc

Step by Step Guide SOLUTIONMANAGERREADY.pdf





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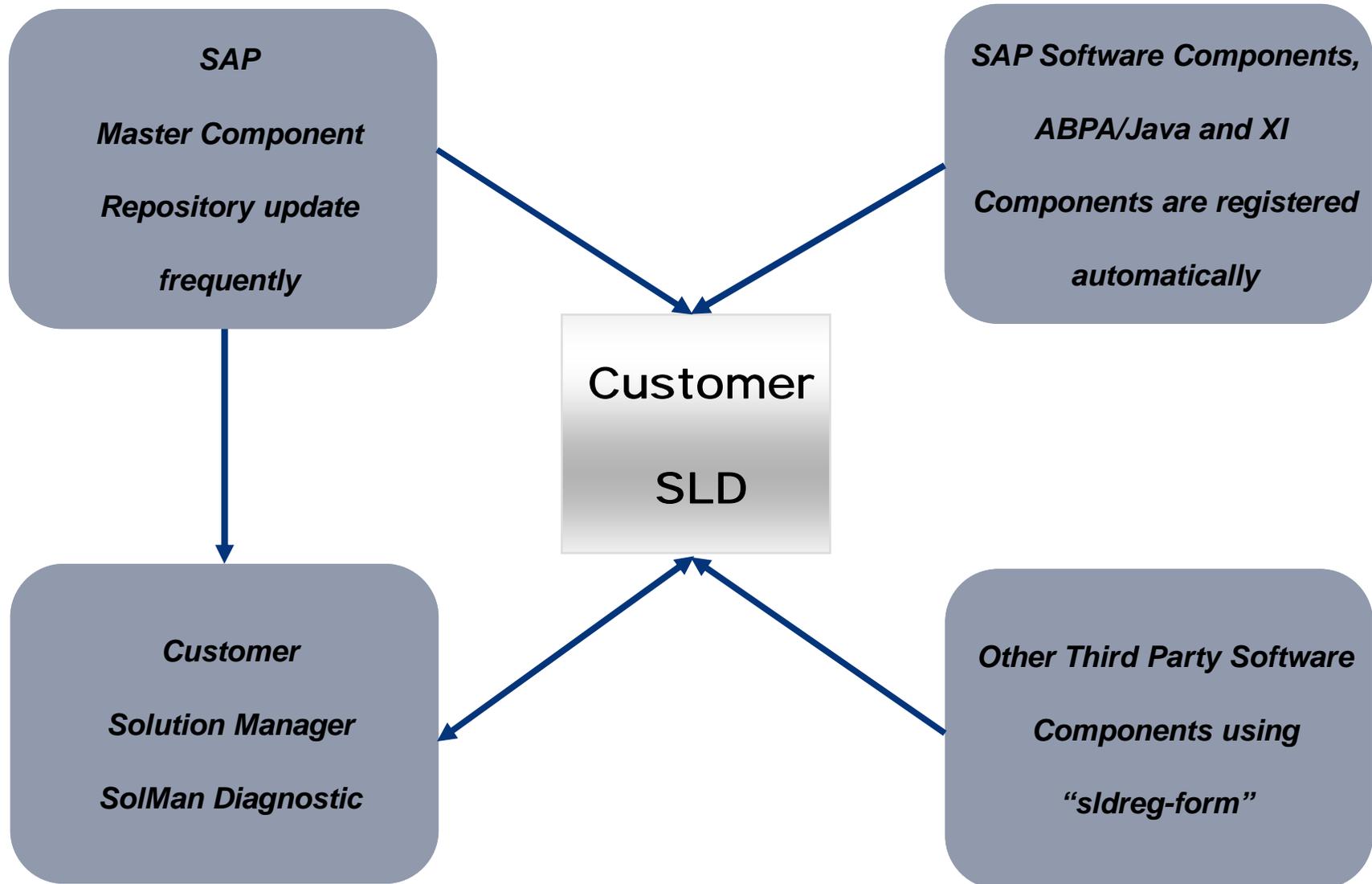
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Registration of Third Party Software Components



Certification Step: SLD Registration



Register your Product on the SLD



What we want to achieve with the 3rd Party Product Registration in SLD

- 1. All Landscape Components are visible from a single point of access – Solution Manager*
- 2. Have common “Content Information” available for all Landscape Components*
- 3. Apply a mandatory mechanism (Data Supplier) for all Components to transfer this content to the single point of access.*
- 4. Describe the SLD-Registration in an Installation Guide or appropriate*
- 5. Make sure that this step will be executed at least once at installation time*

The registration itself contains only three steps

- Enter the Product-Version and SW-Component Version specific data in a sample text file**
- Compile this text file in XML file**
- Send this XML file to the SLD**

Register your Product on the SLD I



```
# *****  
# Change the following parameters with respect to your software.  
# *****  
# Enter the prefix of your system name in SLD (CIM_System.Name).  
# The parameter value should reflect the software features.  
# Version information should not be contained.  
#  
LocalSystemName = TATISCMS_20  
#  
# Enter the key properties of your Product Version.  
# 1. Your product is entered in the SAP software catalog (PPMS).  
# The four key values listed below can be retrieved from  
# the SLD software catalog or your SAP contact person. The  
# ProductID is called the PPMS number. The ProductVendor has  
# to be "sap.com".  
# 2. You provide the product meta-data yourself.  
# Use the same format as products delivered by SAP (vendor = "sap.com"),  
# but avoid name conflicts with SAP products.  
#  
ProductID = 0  
ProductName = TATISCMS  
ProductVendor = sap.com  
ProductVersion = 2.0
```

If the PPMS entry is life we must enter the real Object Number for this Product Version 01200314690900000986 instead of zero

```
# Enter the key properties of your Software Component Version.  
# 1. Your product is entered in the SAP software catalog (PPMS).  
# The four key values listed below can be retrieved from  
# the SLD software catalog or your SAP contact person. The  
# SoftwareComponentID is called the PPMS number. The SoftwareComponentVendor  
# has to be "sap.com".  
# 2. You provide the software component meta-data yourself.  
# Use the same format as software components delivered by SAP (vendor =  
# "sap.com"), but avoid name conflicts with SAP software components.  
#  
SoftwareComponentID = 0  
SoftwareComponentVendor = icc.com  
SoftwareComponentName = TATISCMS  
SoftwareComponentVersion = 2.0  
#  
# Enter the name of the host where your system is installed.  
# The name specified here needs to be substituted at run time.  
# The value must be entered in lower case without any network domain.  
ComputerName = WDFN00157849A  
#
```

If the PPMS entry is life we must enter the real Object Number for this Software Component Version 01200314690200007991 instead of zero

SAP ICC provides

In the Solution Manager Ready package

A sample Java program to convert the

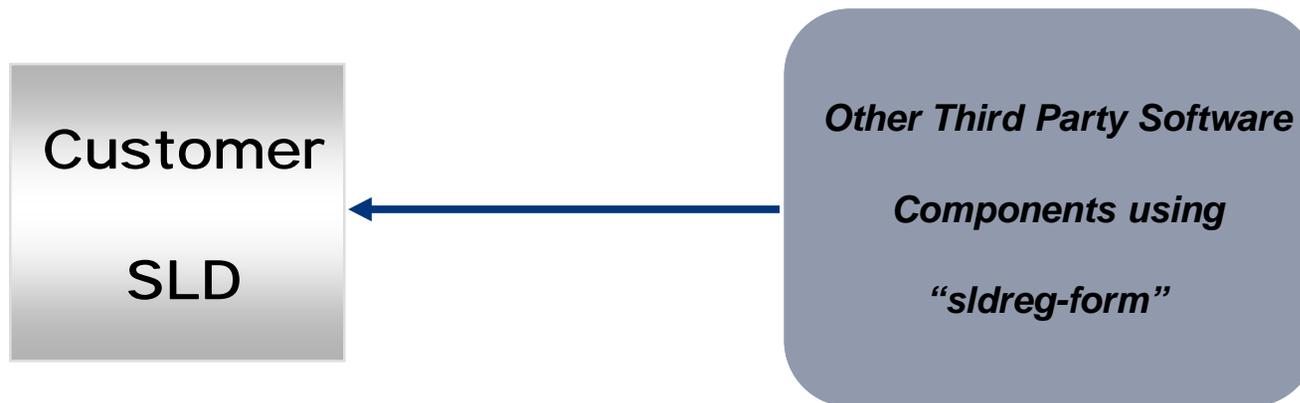
Text file in a XML file

Example:

```
java com.sap.lcr.tools.xmlTools.ThirdPartySystemXMLGenerator .  
ThirdPartySystem.properties ThirdPartySystem.template .  
ThirdPartySystem.xml.
```

- in the current directory a XML file ThirdPartySystem.xml will be created
- please do not remove the file ThirdPartySystem.template

Register your Product on the SLD II



SAP ICC provides

In the Solution Manager Ready package

A sample Java program to actually send the

XML file to the SLD host

Example:

Java -cp . Example/Test host port passw ThirdPartySystem.xml

You can run the program with the following HTTP connection information in the command line, or you integrate this example in your installation routine.

- **Server Host** – the host on which the SLD server is running (e.g. for testing you can use iccsolman40.sap.com)
- **Port** – the HTTP port on which the SLD server is running (e.g. for testing you can use 80)
- **User Name** (e.g. you can use our “3rd-party” account)
- **Password** (e.g. you can use the password “isvconnect08” for this account)
- **the XML properties file** – (e.g. ThirdPartySystem.xml)

Register your Product on the SLD III



The data is registered in the SLD server. In the technical systems views in the SLD, you can see the details about the third-party systems you have registered.

If the registered data is correct and equal to the data found in the SLD product and component repository the correct link will be shown immediately under **Installed Products**, in case of an error this linked data information is missing.

The screenshot displays the SAP NetWeaver System Landscape Directory interface. The top navigation bar includes 'Home', 'Administration', 'Log Off', 'Help', and 'About'. The main content area is titled 'View and Define Systems and Servers' and shows a list of 'Technical Systems'. The 'Technical System Type' is set to 'Third-Party'. The list includes systems like 'ACC_Computing on jblinux', 'ACCI_UC4 on jblinux', 'ExampleThirdPartySystem on examplehost', 'ICC_TEST on jblinux', and 'ICC_TEST2 on jblinux'. The 'ICC_TEST2 on jblinux' system is highlighted in yellow and circled in red. Below this, the 'Third-Party Technical System Details for: ICC_TEST2 on jblinux' are shown. The 'Installed Products' tab is active, displaying a table with columns for Product, Product Name, Product Version, Software Component V..., Current SP/PL, and Latest SP. The 'All Software Components' row is highlighted in yellow and circled in red, showing a link to 'ICC_TEST_SW_COMP2...'. The 'ICC_TEST_SYSTEM2, V...' row is also circled in red.

Product	Product Name	Product Version	Software Component V...	Current SP/PL	Latest SP
All Software Components			ICC_TEST_SW_COMP2...		
ICC_TEST_SYSTEM2, V...	ICC_TEST_SYSTEM2	2.0			



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Third Party Product – Test Requirements



Requirements for 3rd party applications

- Entry in PPMS system will be delivered monthly in the SLD Content and transferred to any SAP Customer
- Automatic registration at customer's SLD
- For JAVA applications
 - As of SAP NW 7.00 (2004s) all J2EE-DEP and J2EE-STD certification candidates (SSPs) need to build their product in SAP compliant deployment format (SCA files) SDM? The Application must use the Logging Framework of the J2EE-engine
- For ABAP add-on applications
 - As of SAP NW 7.00 (2004s) all ABAP add-on certification candidates (SSPs) need to build their product in SAP compliant format (import via SAINT). The Application normally use the System Log of the ABAP Stack.
- For XI products
 - As of SAP NW 7.00 (2004s) all XI-Content or XI-Adapter products are automatically registered since the SLD is an essential part of XI. The Application must use the Logging Framework of the XI-Framework (J2EE-engine).
- For Adaptive Computing products (AC-CCI)
 - As of SAP NW 7.00 (2004s) all Adaptive Computer controller command interface products are automatically registered since the SLD is an essential part of AC
- For Non ABAP/J2EE applications
 - As of SAP NW 7.00 (2004s) all certification candidates (SSPs) need to integrate the sldreg (SLD registration form) in their products to register in the SLD at customer side. And deliver the Log (Trace) and Configuration files in a human readable format to start a simple Root Cause Analysis from Solution Manager Diagnostic.



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Download Tools & Dokumentation from SDN



- The complete Tools-set and Dokumentation is available on the ICC-SDN Web site
- Alternatively you can request the latest and current versions from juergen.becker@sap.com
- <https://www.sdn.sap.com/irj/sdn/go/portal/prtroot/docs/webcontent/uuid/50545502-22ef-2910-3f90-f3983720d0a1>

The screenshot shows the SAP Community Network website. The main article is titled "SAP Solution Manager Ready" and discusses why software solution providers should integrate their applications into SAP Solution Manager. The article text includes: "SAP Solution Manager® is a platform that provides the integrated content, tools, and methodologies that you need to implement, support, operate and monitor your enterprise's SAP and non-SAP solutions. Beginning in August 2007, a software solution provider (SSP) offering its software to SAP customers can have the integration of a solution certified for SAP Solution Manager as part of a regular integration certification. Software solution providers who have in the past certified their integrations with SAP solutions are already contributing to reduce customers' total cost of ownership (TCO). They are using SAP-endorsed integration technologies and offer customers an out-of-the-box integration between their non-SAP and SAP applications. Meeting additional test criteria to also register a non-SAP solution on the Customer System Landscape Directory (SLD) that is synchronized with SAP Solution Manager ensures that joint customers can quickly get a root-cause analysis from SAP to enhance overall supportability. Such a centralized handling of support messages makes the support organizations more efficient and thus lowers TCO once again. How will this work? In SAP Solution Manager, non-SAP software with an SAP-certified integration - including the new SAP Solution Manager tests - is entered into a central SAP repository (PPMS). Every month this repository is transferred automatically to customers' System Landscape Directories (SLD). SAP customers can then easily identify which version of third-party product integration has been certified by SAP. From a software provider's perspective, the SLD provides information about its solution across the entire SAP installed base for as long as the certified integration remains in maintenance. During the registration process of a non-SAP solution on the customer SLD, this application will be visible on the technical landscape at the customer's SAP Solution Manager. SAP customer administrators or SAP Global Support can now easily identify non-SAP solutions and track at the current configuration the log-files of the solutions. Software solution providers can get all of this for a one-time certification fee. This new certification scope will be offered by SAP as part of its integration certification program starting August 2007. For more information, please fill out the [ICC contact form](#) with the remark, Solution Manager Ready."

For Solution Providers:

- Watch [SAP Solution Manager news](#) (SMP login required)
- [Register](#) solution for integration certification including SAP Solution Manager test
- Automatic entry in PPMS system after successful certification
- Monthly transfer of PPMS data into software catalog of SAP customers' SLD

For a list of integrations already certified for this integration scenario, please visit the [Partner](#) in the solution tab.

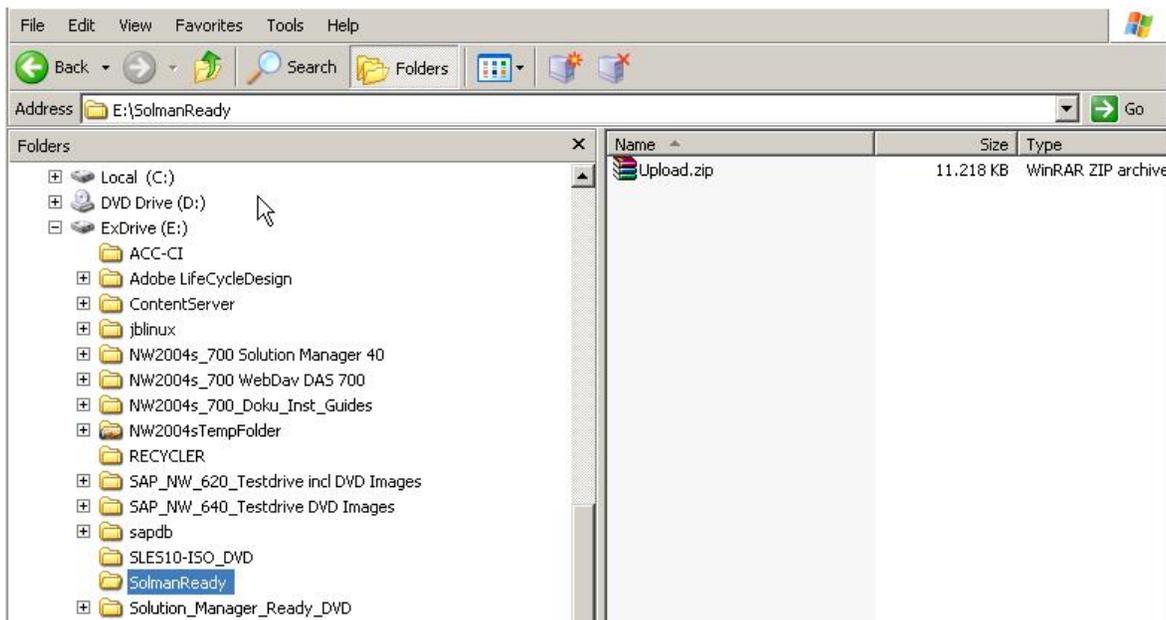
Technical Documentation

SAP Solution Manager 4.0 Integration for third-party software will be a mandatory test:

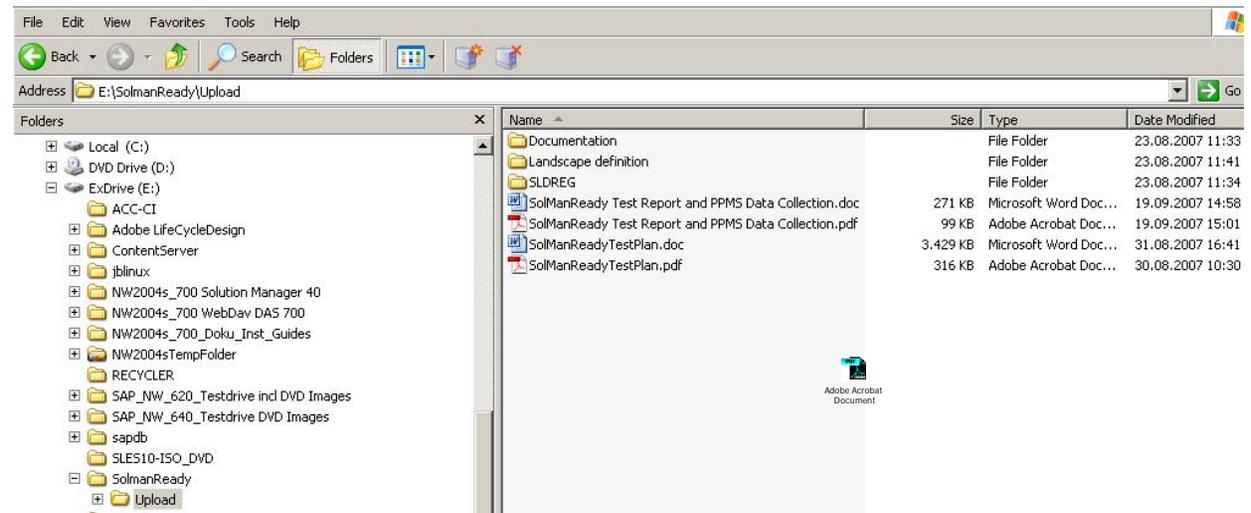
- [Documentation Solution Manager Ready \(ZIP, 11.2 MB\)](#)

A download dialog box is open in the foreground, showing the progress of downloading "Upload.zip from www.sdn.sap.com". The progress bar is at 79%. The estimated time left is 4 seconds. The download is saving to "C:\Documents and Settings\...\Upload.zip" at a transfer rate of 650KB/Sec. The dialog box has "Open", "Open Folder", and "Cancel" buttons.

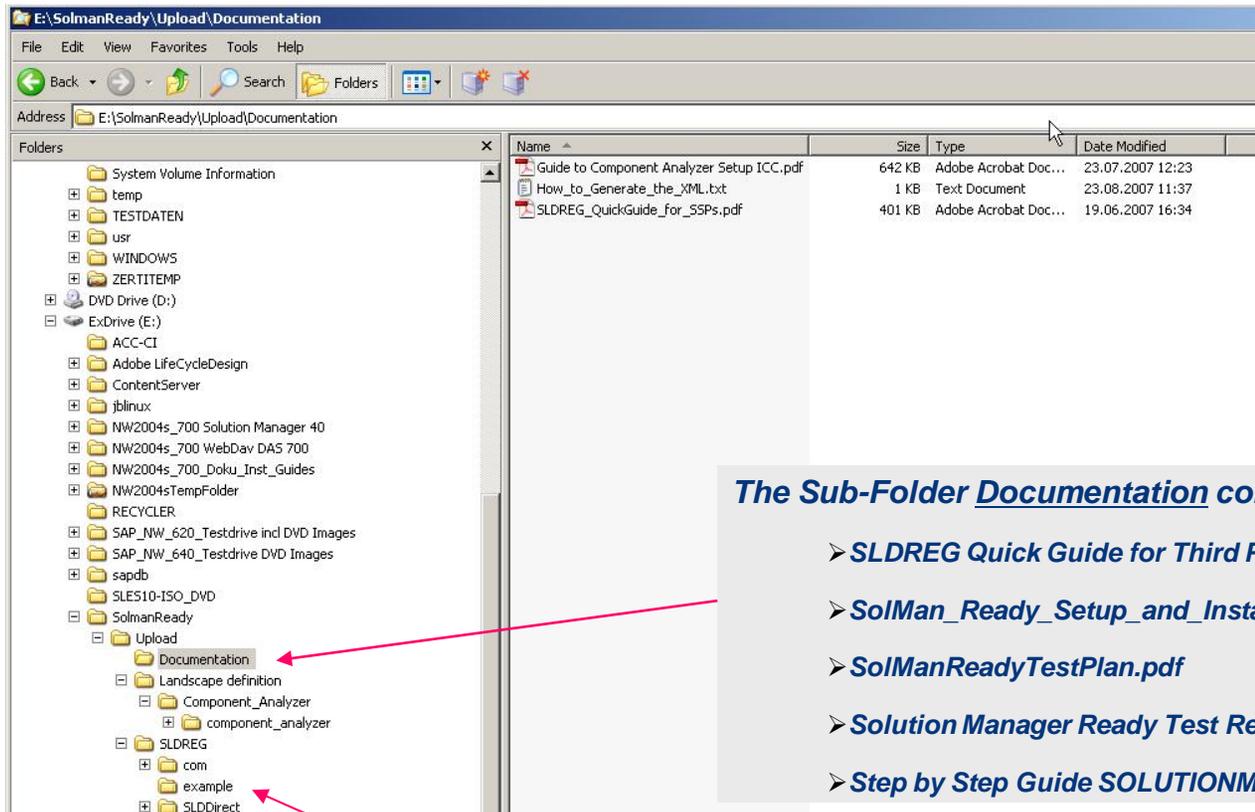
Extract the Tools in private Folder



Please use an appropriate Tool (e.g. WinZip) to unzip this package



Content in the Folders

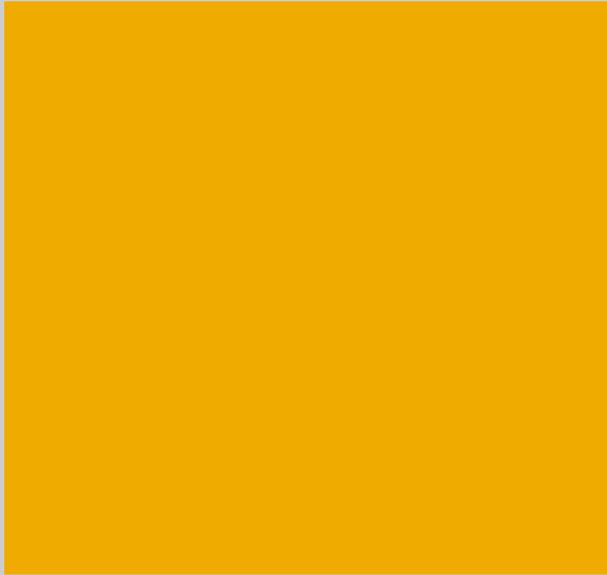


The Sub-Folder Documentation contains the following documents:

- SLDREG Quick Guide for Third Party Vendor
- SolMan_Ready_Setup_and_Installation.ppt
- SolManReadyTestPlan.pdf
- Solution Manager Ready Test Report and PPMS_Data_Collection.pdf
- Step by Step Guide SOLUTIONMANAGERREADY.pdf

The Sub-Folder SLDREG contains the templates and sources for the registration on the SLD:

- ..\com\sap\vcrl\tools\xmlTools\ThirdPartySystemXMLGenerator.java
- ..\example\Test.java



Short Demo

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Thank You

THE BEST-RUN BUSINESSES RUN SAP™

