

Maintenance Planner

The Next Generation Experience for Landscape Maintenance

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Agenda

Motivation & Goal

Maintenance Planner – Overview

Getting started

Process flow

Summary / Q&A

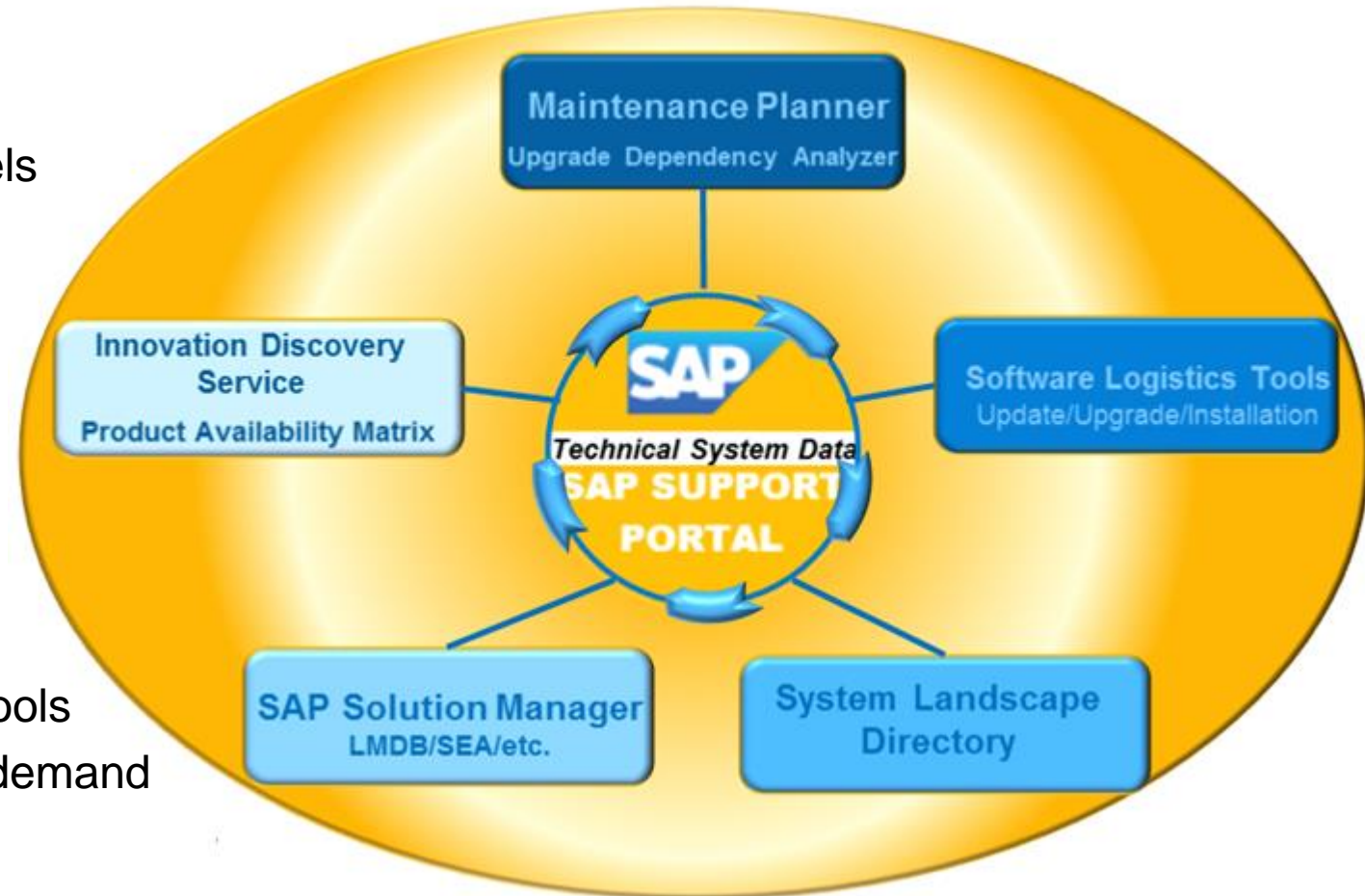
Motivation & Goal

The Challenge:

- An abundance of involved tools and data models
- Sync processes for data at SAP & customers
- Missing user guidance on the process in UIs

The solution: Simplify the process by...

- ... reduction of the number of involved tools
- ... integration by clear hand-over steps in the tools
- ... using *one* data model & *one* calculation on demand



Maintenance Planner – the Next Generation Tool for Landscape Maintenance

Maintenance Planner

The Next Generation Experience for Landscape Maintenance

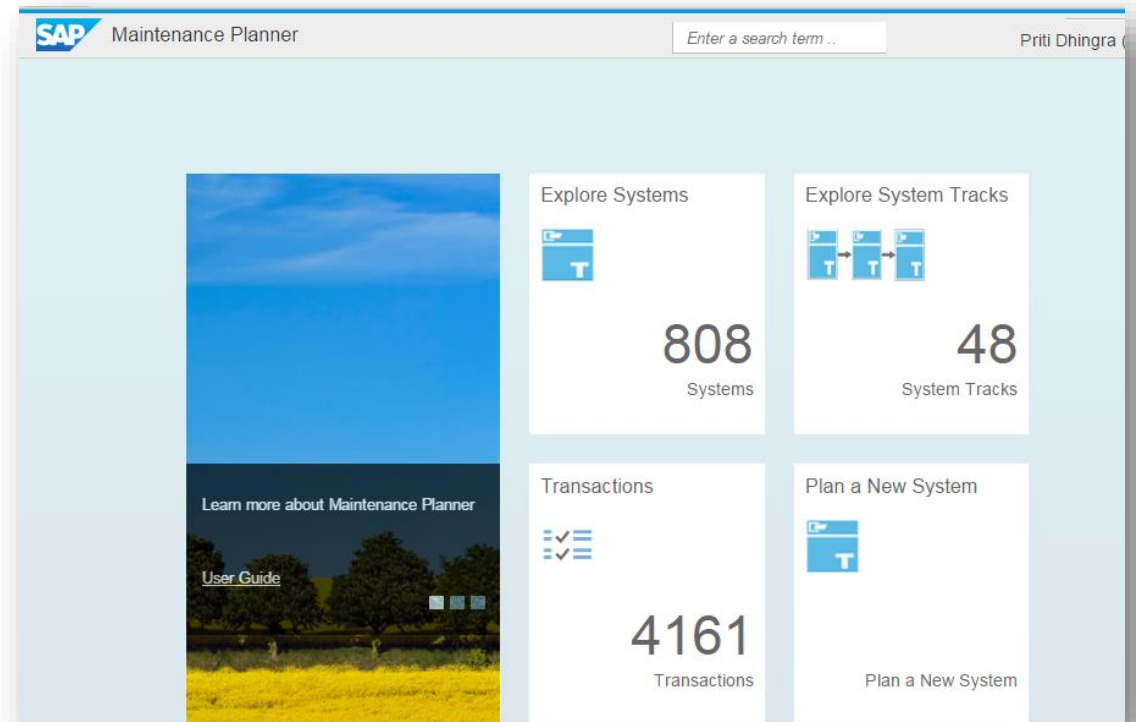
Maintenance Planner is a service hosted on SAP Support Portal, supporting customers in effective planning of landscape changes. Maintenance Planner replaces Maintenance Optimizer functionalities in SAP Solution Manager 7.2.

Maintenance Planner offers:

- **Graphical UI for planning ...**
 - System maintenance, update, upgrade and installation
 - Mandatory for SAP S/4HANA and caters to new and existing products
- **All aspects of maintenance in one tool**
 - Maintenance dependency and track definition
 - Landscape verification
- **Integration with other tools**
 - Integrated process for installation of SAP Fiori Apps

As an on-demand service offered by SAP, Maintenance Planner does not have the same version cycle as SAP Solution Manager. It can be used with SAP Solution Manager 7.2 and 7.1.

<https://apps.support.sap.com/sap/support/mp>

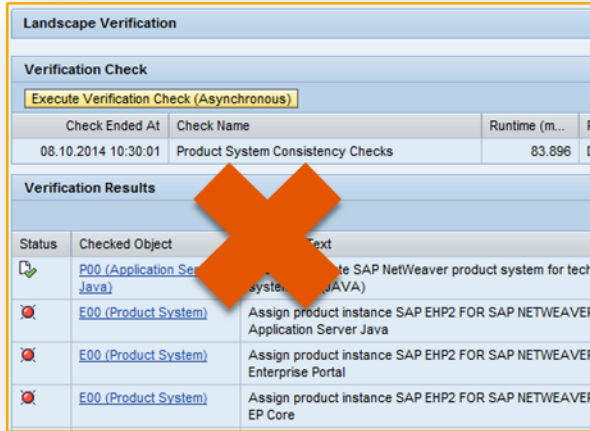


Home screen of Maintenance Planner

Maintenance Planner

Tool combination and process unification

 will be continued
  will be replaced
  new



Landscape Verification

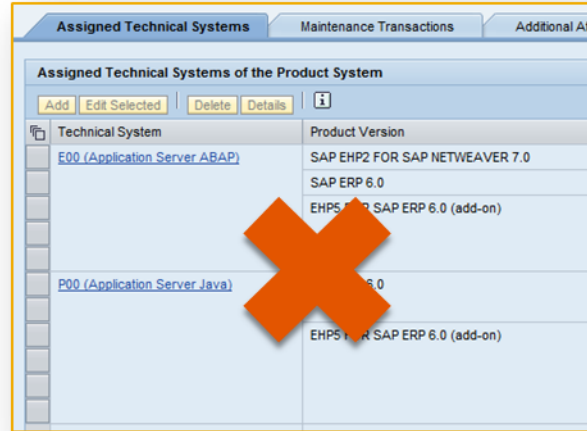
Execute Verification Check (Asynchronous)

Check Ended At	Check Name	Runtime (m...)	Pe
08.10.2014 10:30:01	Product System Consistency Checks	83.896	D

Verification Results

Status	Checked Object	Text
	P00 (Application Server Java)	Assign product instance SAP NetWeaver product system for technical system (JAVA)
	E00 (Product System)	Assign product instance SAP EHP2 FOR SAP NETWEAVER Application Server Java
	E00 (Product System)	Assign product instance SAP EHP2 FOR SAP NETWEAVER Enterprise Portal
	E00 (Product System)	Assign product instance SAP EHP2 FOR SAP NETWEAVER EP Core

LMDB PS Verification

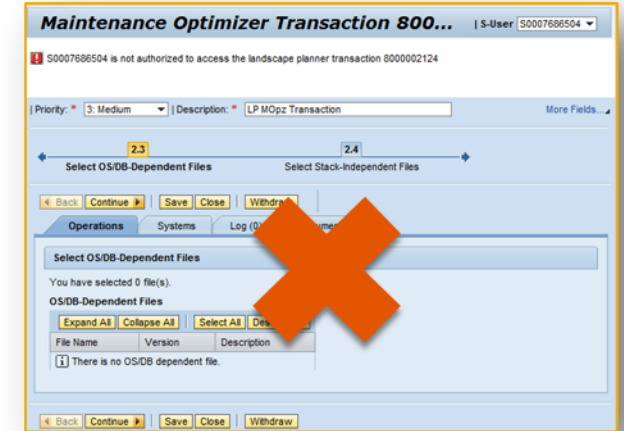


Assigned Technical Systems

Assigned Technical Systems of the Product System

Technical System	Product Version
E00 (Application Server ABAP)	SAP EHP2 FOR SAP NETWEAVER 7.0 SAP ERP 6.0 EHP5 FOR SAP ERP 6.0 (add-on)
P00 (Application Server Java)	SAP ERP 6.0 EHP5 FOR SAP ERP 6.0 (add-on)

LMDB PS Editor



Maintenance Optimizer Transaction 800...

Priority: 3 Medium | Description: LP MOpz Transaction

Select OS/DB-Dependent Files


You have selected 0 file(s).

OS/DB-Dependent Files

File Name | Version | Description

There is no OS/DB dependent file.

Maintenance Optimizer

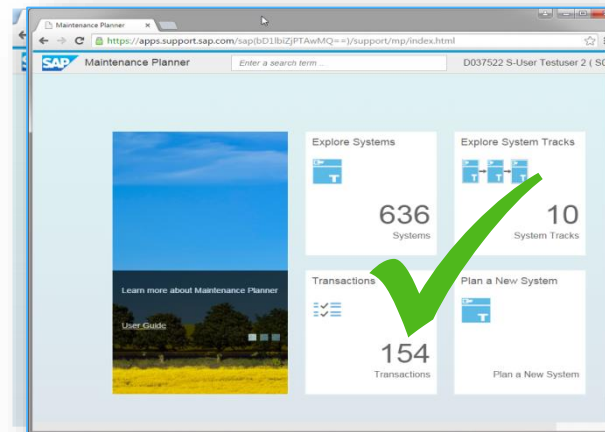


Landscape Planner

System Maintenance - Tools and Activities

- maintain, install
- create stack.xml
- create landscape plan
- register technical system
- synchronize
- create and verify product system
- upload to SMP

Landscape Planner



Maintenance Planner

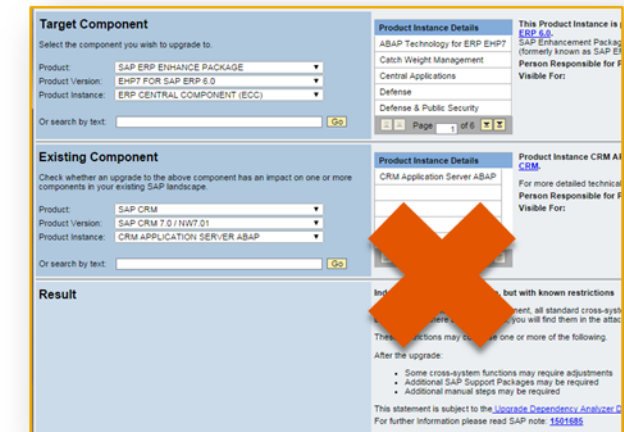
Explore Systems: 636 Systems

Explore System Tracks: 10 System Tracks

Transactions: 154 Transactions

Plan a New System

Maintenance Planner



Upgrade Depend. Analyzer

Target Component

Product Instance Details

Existing Component

Product Instance Details

Result

Upgrade Depend. Analyzer

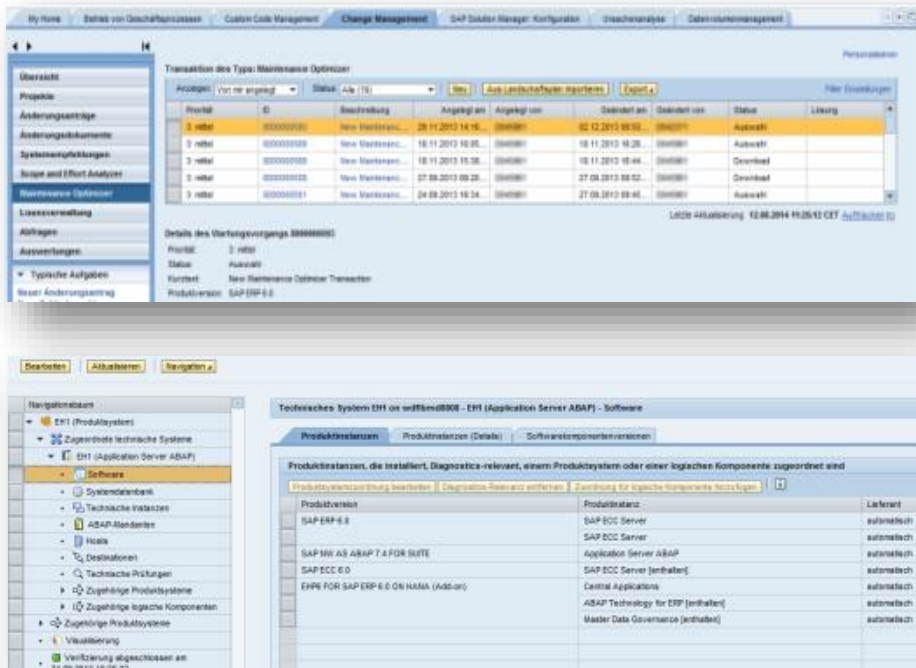
Maintenance Planner

Improved user experience

Now

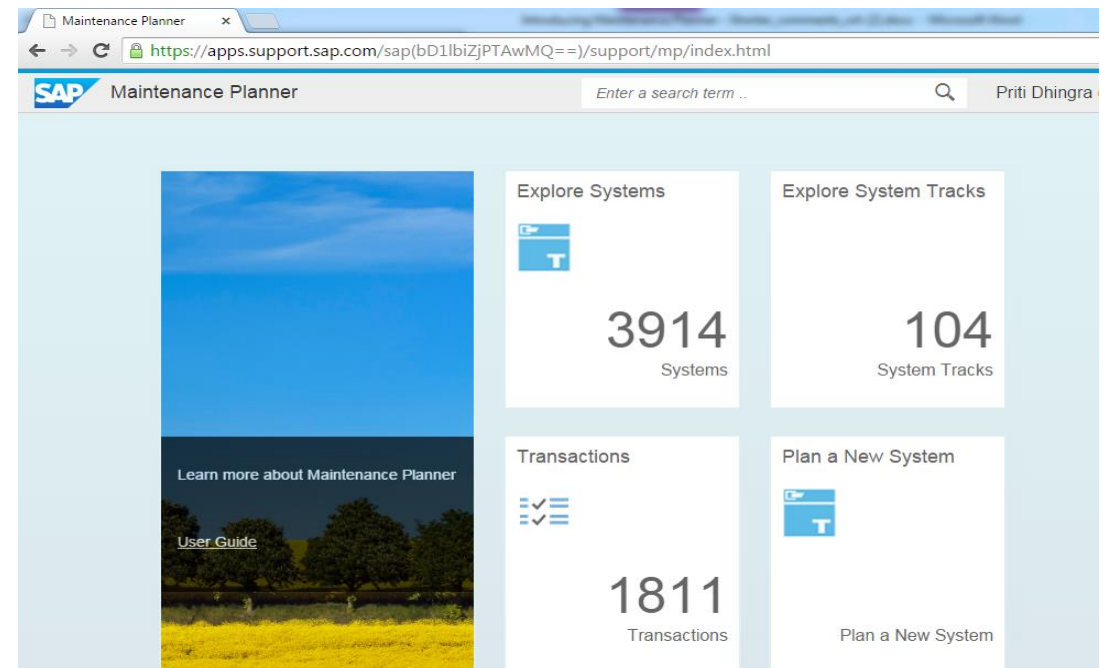
Maintenance Optimizer, Product System Editor

- Multiple Tools
- Expert UIs



Maintenance Planner

- + State of the Art user experience
- + Integrated interfaces
- + Integrated check and correction of system information if needed



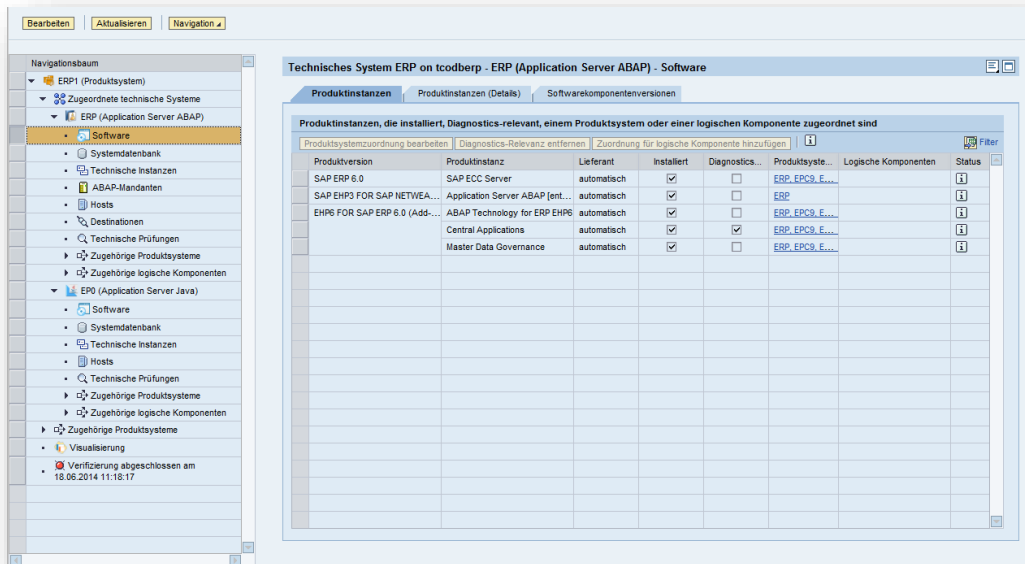
Maintenance Planner

Simplified dialog based modelling of maintenance dependencies

Now

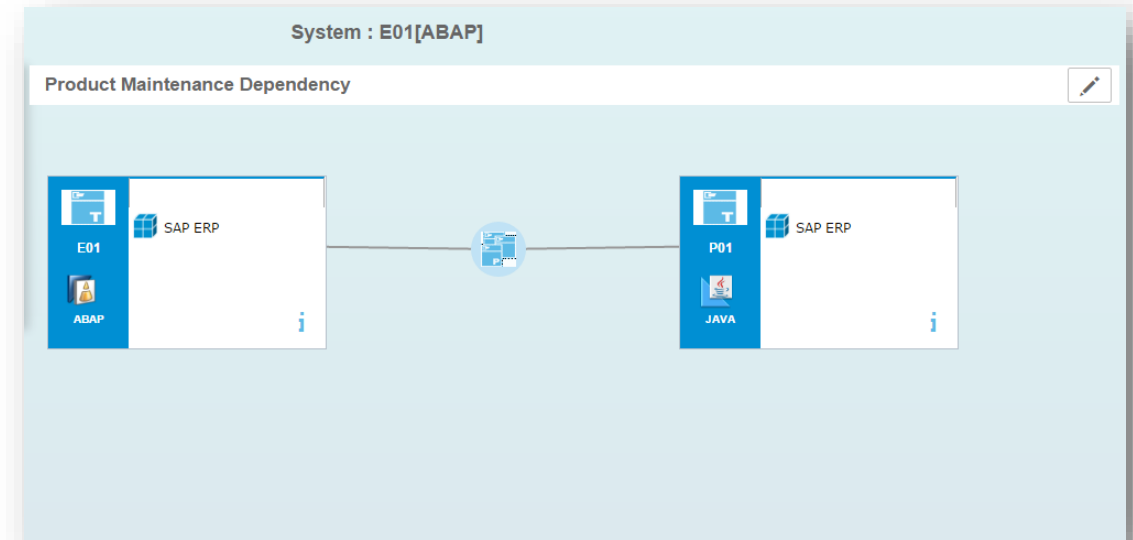
Product System Editor in LMDB

- Expert knowledge of SAP product model required
- Often leads to errors during maintenance in complex scenarios



Maintenance Planner

- + simplified creation of maintenance dependencies by choosing related systems
- + Proposals of possible maintenance dependencies
- + Hiding complexity

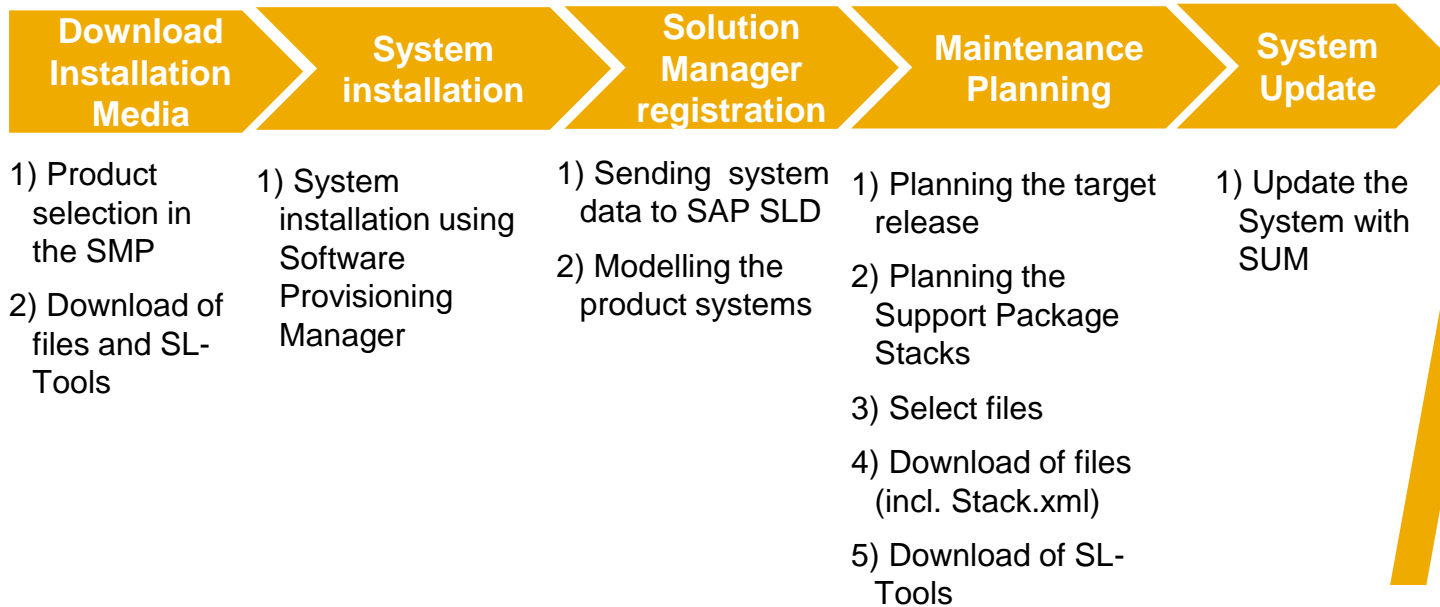


Maintenance Planner

Planning of new installations

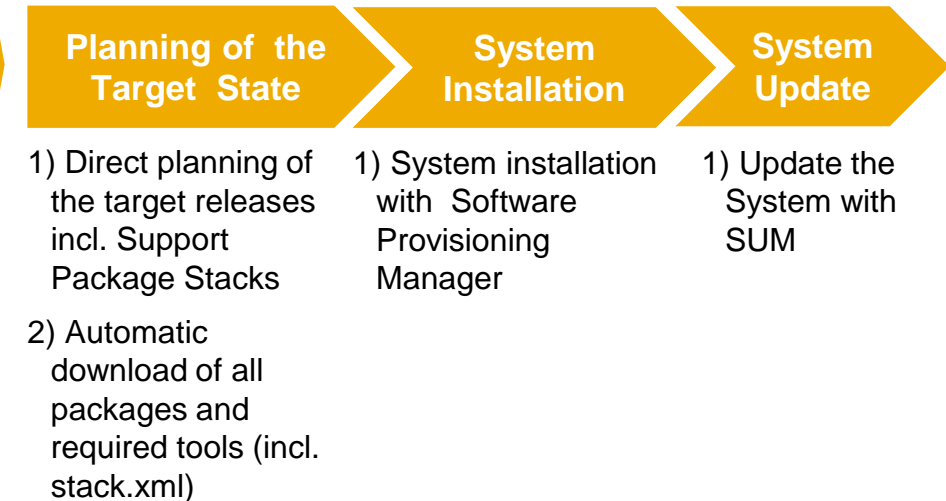
Now

- 5 steps are needed to reach the target state of a new installation



Maintenance Planner

- + Directly planning the target SP version
- + Installation and update in one planning step



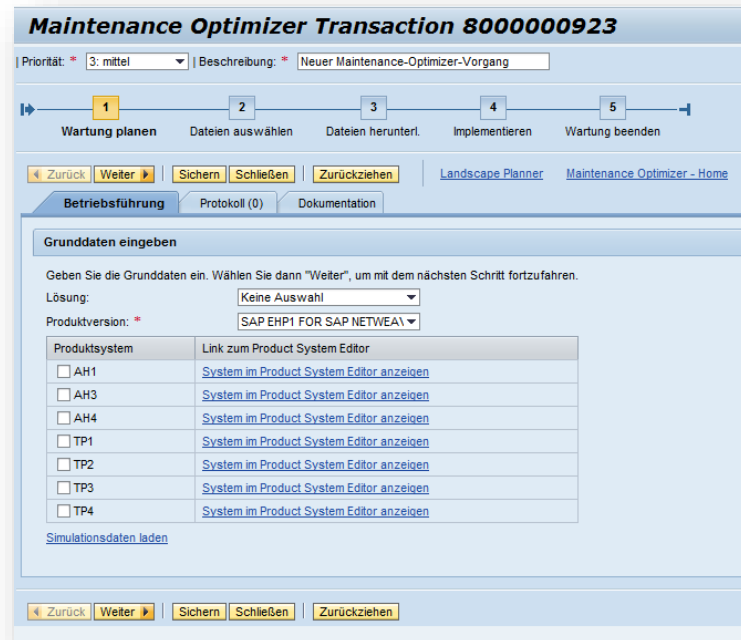
Maintenance Planner

Planning the maintenance of system tracks

Now

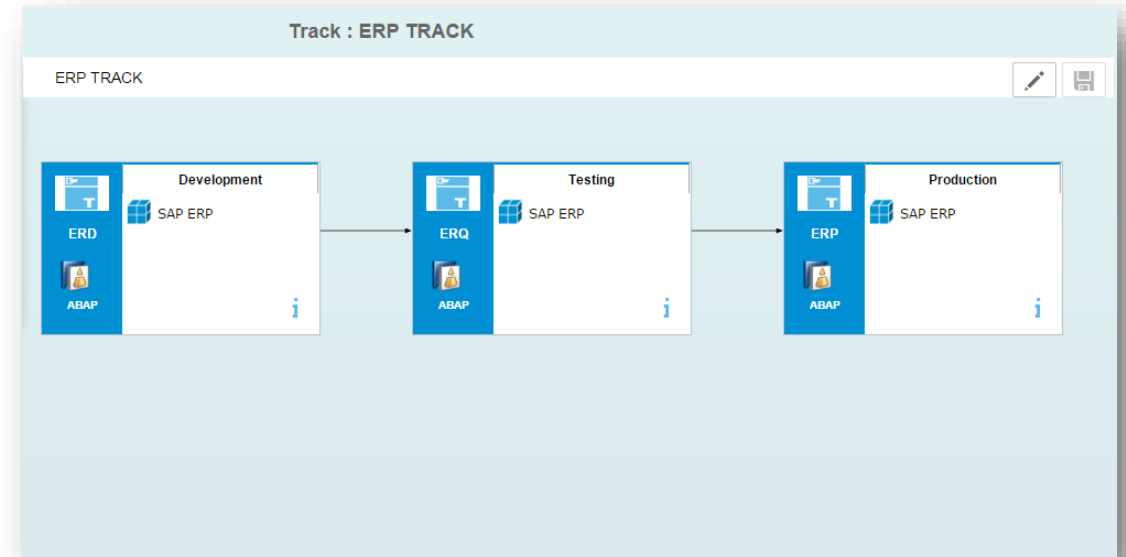
Maintenance Optimizer

- Maintenance planning focused on single systems
- Full functionality of maintenance of system track only available via expert tools



Maintenance Planner

- + Planning the maintenance of system tracks including visualization of maintenance dependencies
- + Differences between systems in a track are detected and solved during the maintenance process

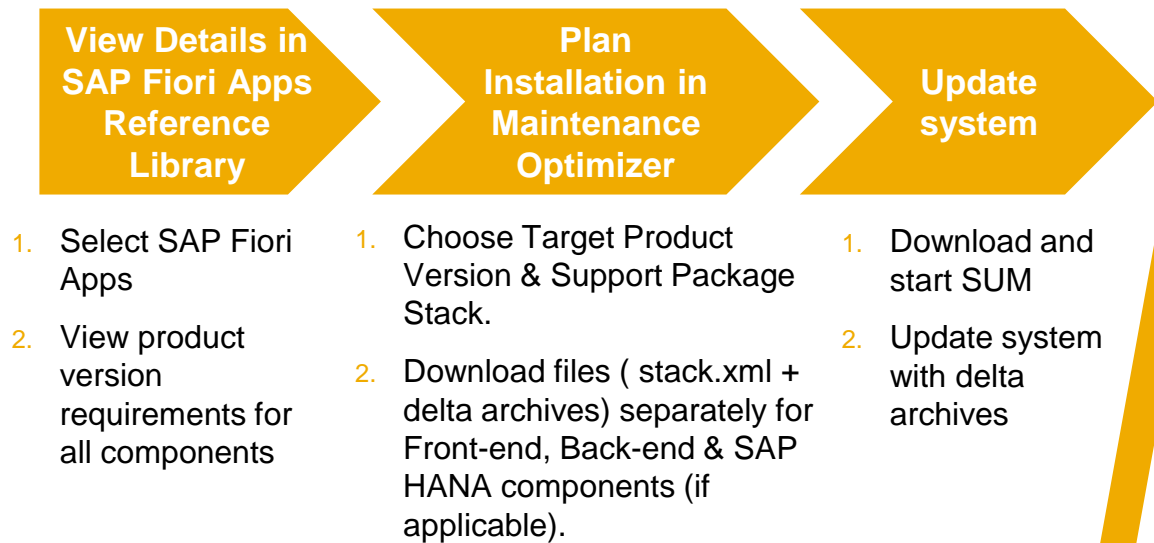


Maintenance Planner

Planning SAP Fiori Installation

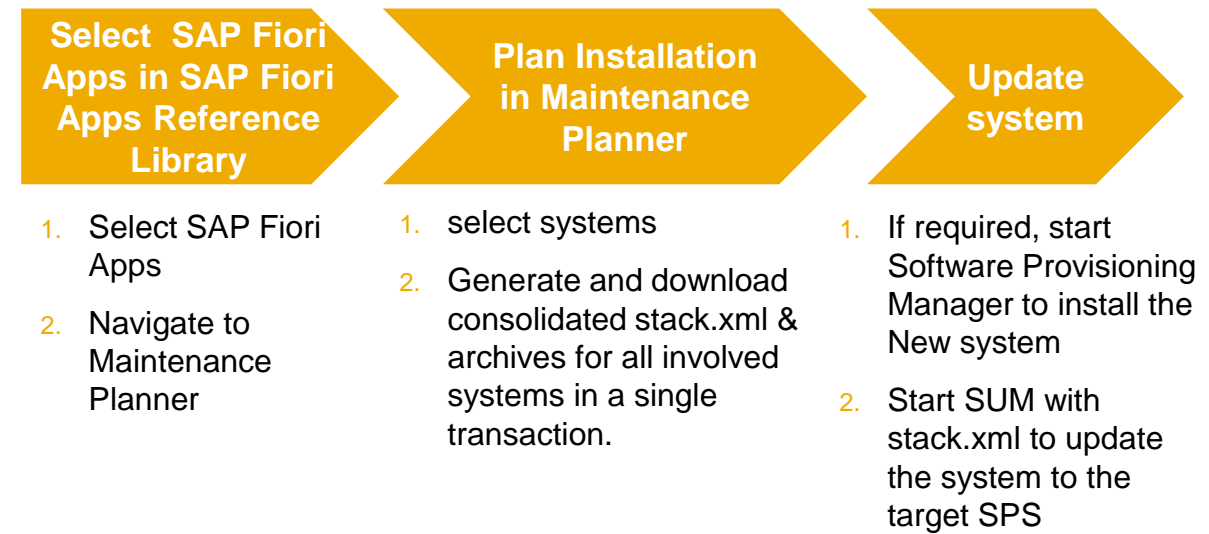
Now

- Current process for SAP Fiori installation



Maintenance Planner

- + Integrated process for SAP Fiori installation

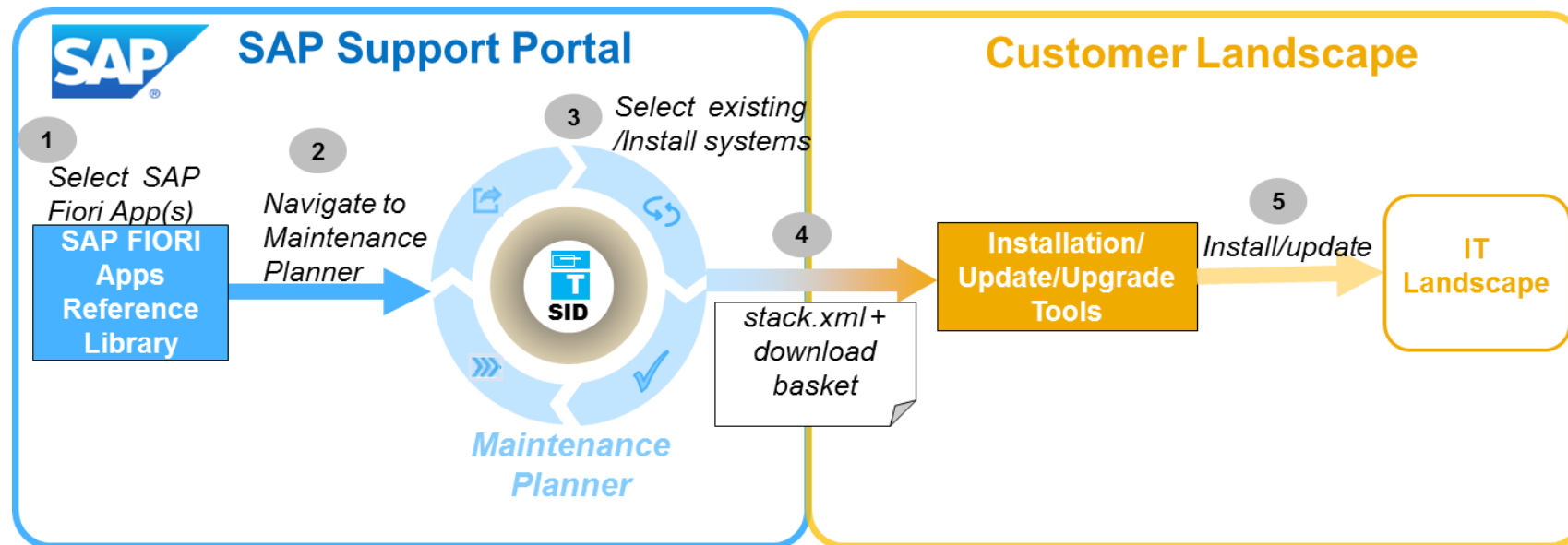


Simplified SAP FIORI Installation with Maintenance Planner

Highlights

Seamless integration between **SAP Fiori Apps Reference Library** and **Maintenance Planner** offers integrated process to discover, explore and install SAP Fiori Apps with much greater ease and efficiency.

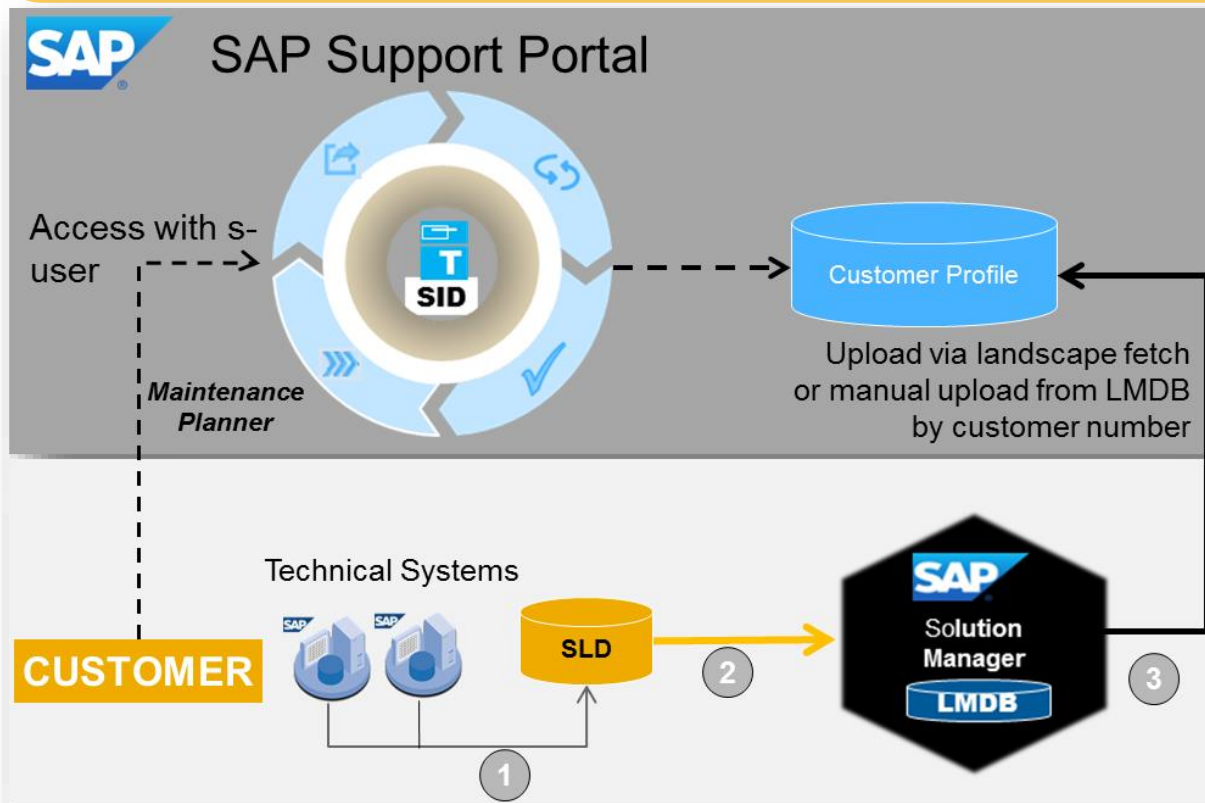
- **Consolidated planning** allowing users to generate single stack XML for all planned landscape changes
- **Installation of new systems** supported
- Required files for all involved systems can be pushed to download basket in a **single planning step**
- **Multiple deployment options** to choose from



Getting started

Getting started: Prerequisites and initial setup

- ✓ Access Maintenance Planner with URL: <https://apps.support.sap.com/sap/support/mp>.
- ✓ Log in with your S-user, to access system assigned to your S-user.
- ✓ Ensure landscape data is uploaded to SAP Support Portal via LMDB of SAP Solution Manager.

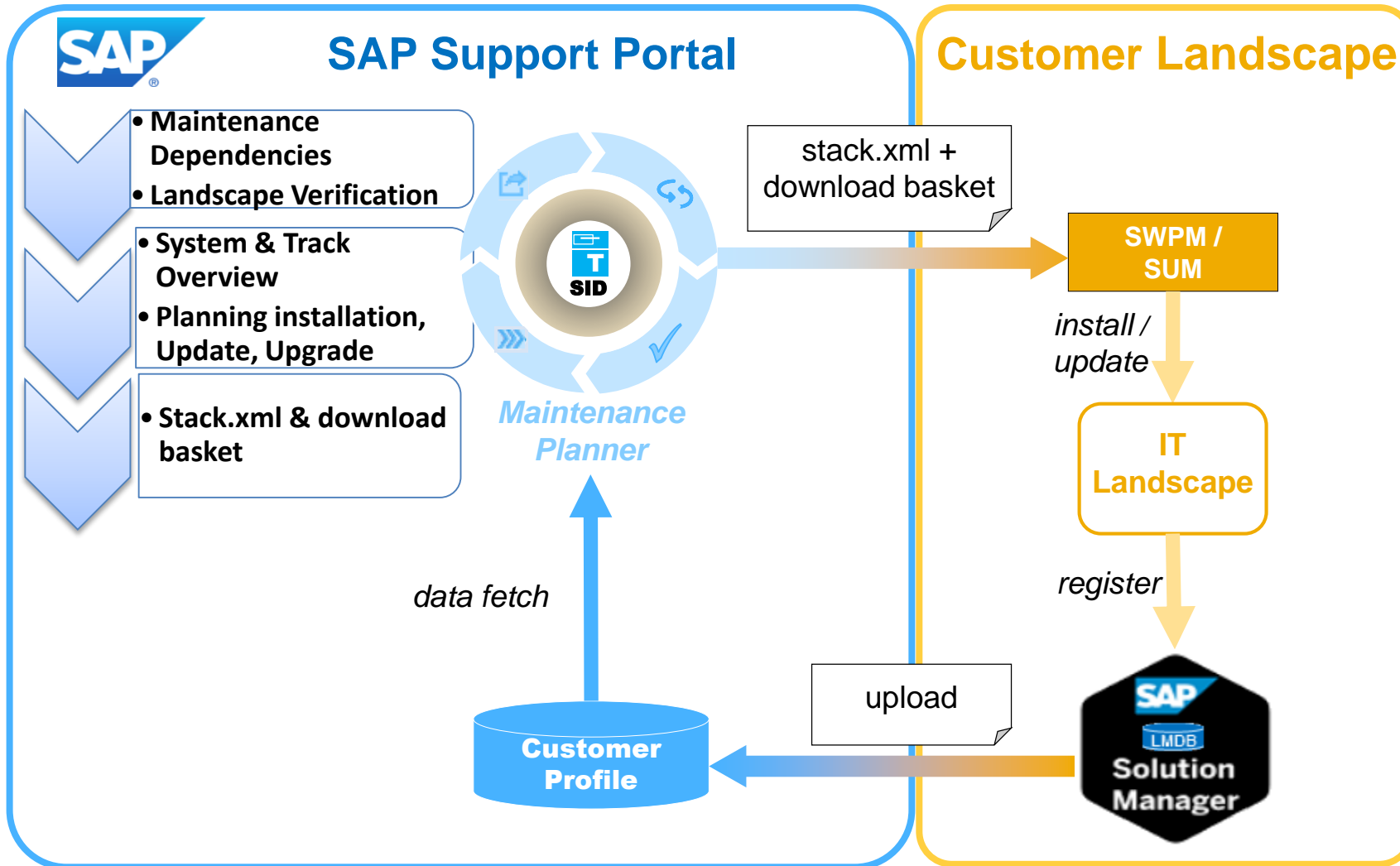


Initial set up of landscape data in Maintenance Planner:

1. Data is sent to the System Landscape Directory (SLD).
2. Data from SLD is synchronized with the Landscape Management Database (LMDB).
3. Data from LMDB is uploaded to customer profile in SAP Support Portal. Once available in customer landscape data is used by the maintenance planner for all planning activities.

Process flow

Process flow



High-level process flow

1. Plan landscape changes in Maintenance planner hosted on SAP Support Portal
2. Download stack configuration file, archives and relevant SL tools.
3. Implement landscape changes with SL tools.

Roadmap

Roadmap

Maintenance Planner | Landscape Planner | Maintenance Optimizer

Lab
Preview

Maintenance Optimizer

LMDB Product System Editor

Landscape Planner

Maintenance Planner

SAP Solution Manager 7.1

SAP Solution Manager 7.2

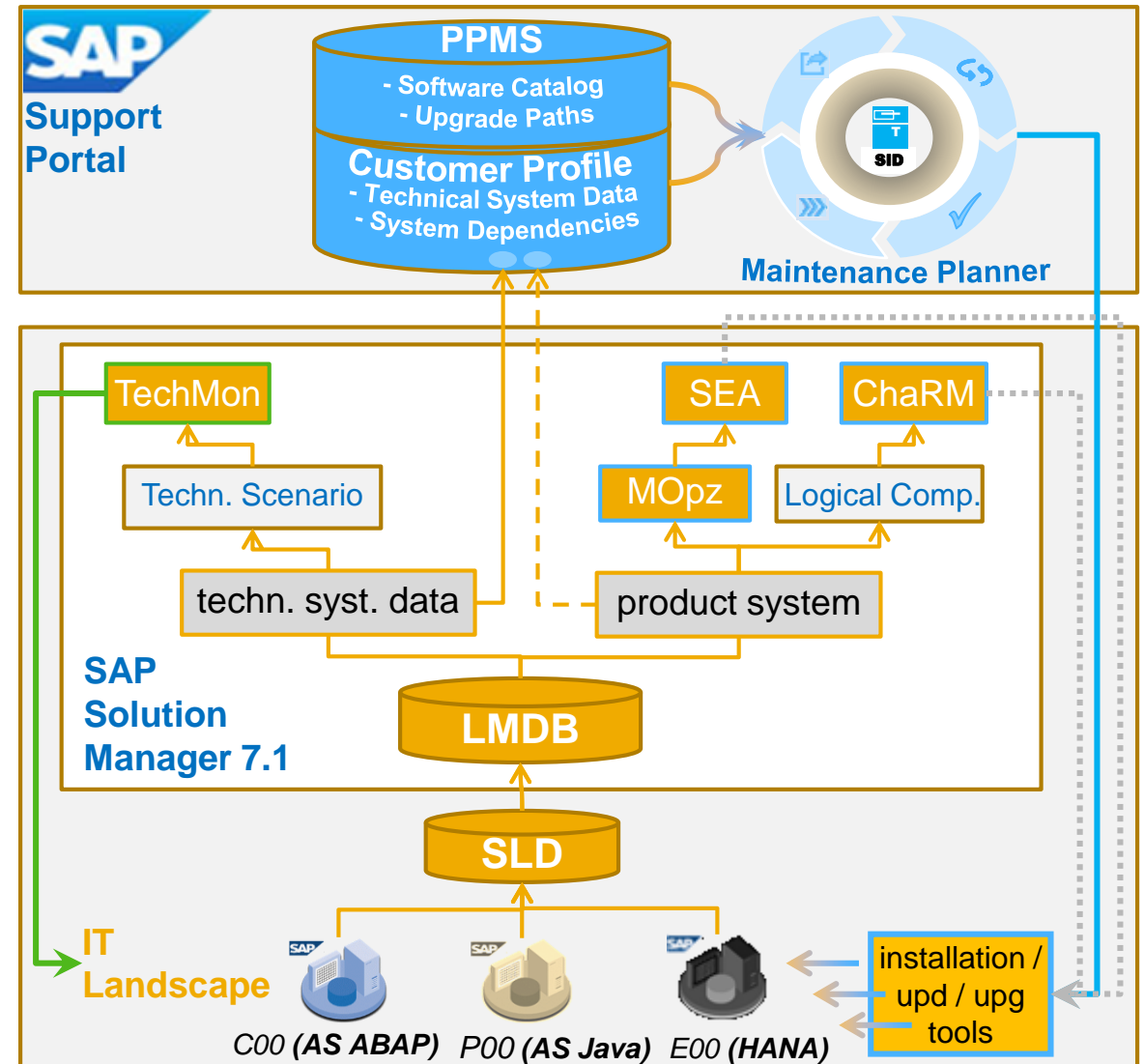
- MOpz/LMDB PSE continue to support SAP Solution Manager 7.1 customers
- Landscape Planner has been replaced by Maintenance Planner
- With SAP Solution Manager 7.2, Maintenance Planner will replace MOpz/LMDB PSE

ALM scenarios & landscape entities

Maintenance Planner and SAP Solution Manager – Version 7.1

SAP Solution Manager 7.1 and Maintenance Planner

- You can immediately start benefitting from advanced planning features offered in Maintenance Planner
- All landscape entities stay valid e.g. dependencies created using product systems will automatically reflect as maintenance dependencies in Maintenance Planner
- If you're using the Scope & Effort Analyzer (SEA), MOpz transactions are still needed
- If you're using Change Request Mgmt. (ChaRM), product systems are still needed for logical components

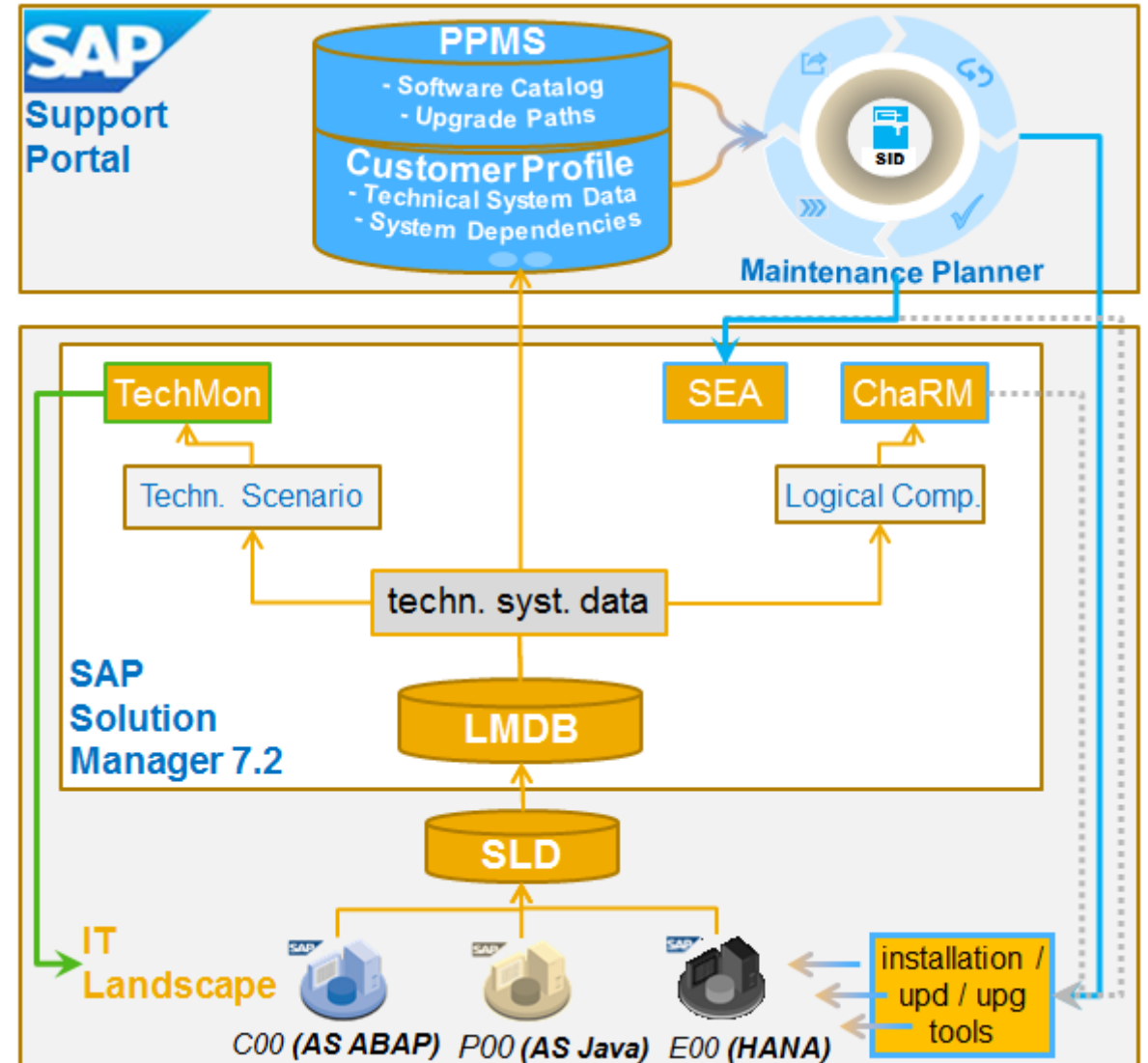


ALM scenarios & landscape entities

Maintenance Planner and SAP Solution Manager – Version 7.2

With SAP Solution Manager 7.2, tools, entities and processes are significantly simplified:

- Product systems and MOpz are replaced
- Maintenance dependencies are defined in Maintenance Planner only
- Logical components are based on technical systems
- SEA will consume maintenance transactions from the Maintenance Planner
- LMDB focusses on technical systems' data enrichment



Summary & Further Information

Summary

Maintenance Planner offers...

- ✓ *great operational ease....hosted by SAP*
- ✓ *advanced features in landscape management including SAP Fiori installation*
- ✓ *simplified definition of maintenance dependencies and correction of landscape data*

Key links for Further Information

- ❑ SCN central blog [Maintenance Planner – The Next Generation Experience for Landscape Maintenance](#)
- ❑ SAP TechEd Session Replay <http://events.sap.com/teched/en/session/22702>
- ❑ Frequently Asked Questions <http://scn.sap.com/community/it-management/alm/blog/2016/01/25/maintenance-planner-frequently-asked-questions>
- ❑ Installing SAP Fiori Apps with Maintenance Planner [Simplified installation of SAP Fiori Apps](#)
- ❑ Access Maintenance Planner from SAP Support Portal <https://support.sap.com/release-upgrade-maintenance.html>

SCN → Application Lifecycle Management → Maintenance Planner



Thank you

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