Successfully Implementing SAP S/4HANA – Part 2

Working with Transition Road Maps

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Learn about the service offerings from SAP and understand the linkage between road map and SAP services. Get answers to the following questions:

- What are the service offerings for Standard Support customers?
- What about Enterprise Support Customers?
- What is premium engagement? What can I get with my type of contract?

**Target Group:**
- IT Management, CoE Leads, Project Managers

After a transition to SAP S/4HANA, you may consider to move to S/4HANA embedded products like from LE-WM to SAP EWM, or LE-TRA to SAP TM, or SAP CRM to S/4HANA Customer Management. Learn which road maps and services are already available.

**Target Group:**
- IT Management, CoE Leads, Project Managers
Working with the Road Map Structure Picture (1)

First round on the structure of your transition project

➢ Adapt the structure slide to your project requirements
Consider:
  ➢ Which activities are required for the planned scenario?
  ➢ Which activities are missing?
  ➢ Adapt activity sequence, if required
  ➢ Each box on the slide represents an activity, each activity may contain several tasks. All activities/tasks are described in the Road Map Viewer. Get a first overview of project flow.
  ➢ The size of the box does not refer to a duration/importance of the activities. Make a first estimate on the efforts – are there activities where only limited effort is expected?

The road map structure picture ppt is available for download in the Road Map Viewer → „Download Project Plan“
Working with the Road Map Structure Picture (2)

- Discuss and define activity responsibilities with customer/partner/SAP

  Consider:
  - Which activities can the customer cover?
  - What is done by a partner/SAP?
  - Which results/outcomes are expected from an activity – what is the handover to the next activity?
  - Safeguarding? Q-Gates?

Next level consideration:
- Roles and responsibilities (customer)
Working with the Road Map Structure Picture (3)

- Learn how SAP services are mapped to road map activities
- Consider:
  - Should SAP support in the planning and design?
  - Is the execution done by customer/partner or by an SAP service?
  - Should the Safeguarding be done by SAP?
  - Transfer the decision on services to a service plan
Planning your transition to SAP S/4HANA

start defining your innovation strategy for the next years considering SAP’s Intelligent Enterprise innovations and create a **high-level multi year roadmap**.

Supportive tools:

**SAP Innovation and Optimization Pathfinder**

**SAP Transformation Navigator**

Discover the value of SAP S/4HANA for your company and identify the impact of an SAP S/4HANA implementation on your existing business processes.

- Perform a business scenario and solution mapping.
- Validate the conversion readiness of your existing SAP ERP system and define the **implementation strategy** by considering the target architecture.
- Create a **strategic road map** based on the target architecture and implementation strategy.

Supportive Tool:

**SAP Readiness Check**

Define the scope and execution plan for the upcoming SAP S/4HANA transition project.

- Define the technical architecture and data migration architecture
- Clarify the adaptation of existing custom code and development of new custom code...

The result is a **high-level project plan** which will be detailed out in the next steps.
Functional Design – Example for New Implementation

Create a sandbox for Fit/Gap
- Sandbox from scratch?
- SAP Activate Appliance?
- On premise or SAP CAL?
- SAP Model Company?
Example: Info on Fit-Gap Analysis Workshops

BUILD DESIGN
INFORMATION SHEET FOR SERVICE DELIVERY

The build design service is a comprehensive end-to-end offering, designed to support the implementation of SAP Sybase solutions. It covers the entire SAP Sybase project scope, ensuring a successful and timely delivery.

What happens during Fit/Gap analysis?

Workshop Type A
Solution Validation Workshop

1. Reference Value
   - Define Process, Value and Business Context
   - Set boundaries and expectations
   - Identify Business Case & Value Drivers

2. Validation of SAP Solution
   - Store and sell SAP solution & deliverables

3. SAP Identifications
   - Identify user requirements
   - Assess additional scope needs

4. Verify & Accept
   - Verify process and solution design
   - Drive acceptance for release and update planning

5. SAP Design
   - Identify Business Value and Process Design for new requirements

6.Deliver & Execute Planning

Workshop Type B
Delta Design Workshop

1. Reuse & Refit Planning

2. Execute & Update Planning

3. Offer & Deliver Planning

When to Use

You have successfully performed the discovery and prepared the implementation and need to look at all design gaps for this new model scenario.

You can leverage the capabilities of build design in a partner lab.

BUILD DESIGN
INFORMATION SHEET FOR SERVICE DELIVERY

Deliverables:

- Customer and role-identified Key User Network to support project delivery (e.g., testing, training and support activities)

- The component is expected to be used workshops involving the training manager, project manager, and business key user. In the workshops, tasks are recognized depending on the customer’s selected scope.

- Duration: 8 weeks (depending on project complexity and scope)

- Learning/Development Key and Skillset Objectives:
  - Identify training needs for different Key User & End User
  - Outline the course content based on the different end user groups
  - Align with key project tasks on learning and training opportunities

- Note:
  - The procedures in design and validate the required skills for the SAP Sybase requirements for the entire project.
  - Future workshops with support from experts (SAP) to identify target gaps and learning requirements as soon as possible.
  - Develop new learning materials for each new user and target group.
  - Develop course catalogue and course outlines from the results.

- Customer resources needed for material preparation and delivery

- Engagement Model:
  - Guideline Portfolio
  - Guideline requirements per target group
  - Deliverables per excellence
  - Evaluation of realization effort

- The component is expected to be used workshops for all involved business areas (e.g., sales, production, finance, marketing) to ensure all workshops are aligned with the training manager, project managers, and business key users.

- Duration: 8 weeks (depending on project complexity and scope)

Service Component: Fit-Gap Analysis and Delta Design

Fit-Gap Analysis

- The purpose of fit-gap analysis is to validate the predefined scenarios, processes and configuration, to identify potential gaps relative to the required product functionality and customer requirements.

- The fit-gap analysis is a key input for the new model scenario.

- The pre-configured solution will be used to show and test the SAP Sybase functionality.

- All identification ellipses will be analyzed to identify gaps.

- The resulting requirements gap needs to be documented as a problem.

- Functional details are required in the form of identified gaps and requirements, to be clarified as needed.

- The fit-gap analysis is a key input for the new model.

- Business roles assigned to transactions and requirements for authorizations.

- Duration: 12 weeks (depending on project complexity and scope)

Delta Design

The purpose of delta design is to design and document solutions to those gaps/requirements that have been identified during the fit-gap session and subsequently prioritized by the customer. This leads to finalizing the design.
### How to build a Service Plan

<table>
<thead>
<tr>
<th>Phase</th>
<th>Service</th>
<th>Service Component</th>
<th>#D</th>
<th>Comment</th>
<th>Expected Outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>E2E</td>
<td>Safeguarding the Digital Transformation</td>
<td>TQM Days</td>
<td>28</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discover</td>
<td>Planning the Digital Transformation</td>
<td>Value and Implementation Strategy</td>
<td>25</td>
<td>Results feed into MPW</td>
<td>implementation strategy, strategic road map</td>
</tr>
<tr>
<td>Prepare</td>
<td>Planning the Digital Transformation</td>
<td>Readiness Check</td>
<td>5</td>
<td>Results feed into MPW ➔ Should run 4-5 weeks in front of MPW</td>
<td>Assess Conversion Readiness of ERP, Determine relevant scope items</td>
</tr>
<tr>
<td>Explore</td>
<td>Planning the Digital Transformation</td>
<td>Migration Planning Workshop</td>
<td>25</td>
<td>Results feed into TAI ➔ Should run 4-5 weeks in front of TAI</td>
<td>high-level project plan System-level transition road map</td>
</tr>
<tr>
<td>(Discover) Explore</td>
<td>Technical Architecture &amp; Infrastructure</td>
<td></td>
<td>12</td>
<td>basis for ordering hardware and setting up the data center</td>
<td>short-range and mid-range technical architecture and infrastructure of the SAP solution, customer-specific deployment plan</td>
</tr>
<tr>
<td>Explore</td>
<td>Custom Code Management</td>
<td>CC Tools Enablement</td>
<td>10</td>
<td>Depends on CC situation &amp; experience w/ CC tools</td>
<td></td>
</tr>
</tbody>
</table>

### Learn how to build a service plan
(Usually done by TQM, Project Manager)

Consider:

- road map sections “How SAP can Support” may help to identify the right services
- Read the Service Information in the Accelerator section
- Check the order of services: is outcome of one service prerequisite/accelerator for another?

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### Transition Planning for On-Premise Solutions Service Components

Service Component: Migration Planning Workshop

In the prepare phase of a system conversion or landscape transformation project, it is critical to establish a solid foundation for the project and build a transition plan that is based on best practices and experience.

This on-site workshop constructs a system-level transition road map and a high-level project plan based on the following:

- Technical and functional readiness of the current environment
- Appropriate transition tool and approach for the transition
- Current and future software change management requirements
- Customer’s objectives for the project

This workshop also introduces topics such as transition to operations, custom code management, and technical architecture of SAP HANA, as they relate to the planned transition.

In addition to the workshop, this component includes:

- A holistic overview of the topics required for consideration during the planning of a project, including transition approaches and tools, technical dependencies, mandatory functional considerations, sizing, technical architecture, operational readiness, testing, and quality management.
- A remote assessment of the customer’s system(s), which is conducted using the readiness check service component in preparation for this on-site workshop, in order to determine additional scope items.
- An on-site portion of the service that covers knowledge transfer or key concepts and considerations to help the customer make informed decisions.
- The development of a system-level transition road map and a customer-tailored, high-level, milestone project plan.

If custom code is a big topic in the respective system and is seen as a high-risk topic, it can make sense to include service components of the custom code management service already in the planning phase.
Work with the Project Plan Templates (1- MS Project)

In the Roadmap Viewer, click „Download Project Plan“ to download the zip file with the project plan templates and other helpful files.

From the folder „Upload_to_MS_Project“ open the file „Project-Plan_EN_<release>-Activity and Task-Level.mpp“
Work with the Project Plan Templates (1- MS Project)

- Download the Project Plan zip file, open the Project Plan for MS Project and add the planned project start date under File->Info->Project Information.

- In the Flavors column, open the column header menu and select all checkboxes containing your planned transition scenario.

- Check which tasks/subtasks are not relevant for your project. Select the line of the respective task/subtask and open the context menu. Choose „Inactivate Task“.

- Add activities, tasks and planned services. Adapt the durations of the tasks, where appropriate.

- Assign resources to all subtasks. All tasks/subtasks are explained with the roadmap texts in the notes section (column 1).

Result:
The project end date is calculated automatically and earliest start dates of all tasks and subtasks are set.

Result:
Only the tasks and subtasks required for your scenario are displayed and all dependencies are re-arranged.

Result:
The selected tasks/subtasks are inactivated and the dependencies are re-arranged. Note: This inactivation can be reverted, if necessary.

Result:
You align the project plan with the service plan and add reasonable timelines and check the service flow.

Result:
You can check the availability of the required resources, resource usage and assignment conflicts.
Work with the Project Plan Templates (2- SAP Solution Manager)

To perform the project management in SAP Solution Manager, take the project plan xml file from the download zip folder "Upload_to_SAP_Solution_Manager" and upload the xml file to SAP Solution Manager IT-PPM.

Check the README.pdf in the download zip for guidance.
Usage Scenarios – How to consume road map content

- **Identify**
  - Identify relevant road map areas & activities

- **Read**
  - Read through text from activities and tasks
  - Look up deep-dive accelerators

- **Train**
  - Find e-learnings to join
  - Train and try out yourself

- **Start**
  - Look for services which can support you when you start executing
Usage Scenario: How can I (my company) become familiar with SAP S/4HANA?

Step 1: Identify related road map areas
- Discover
- (Prepare)

Step 2: Check out recommended web pages
- Strategic level
- SAP S/4HANA specific
- SAP S/4HANA Movement

Step 3: Consume E-Learning & Tools
- From openSAP
- From SAP Enterprise Support
- SAP Transformation Navigator

Step 4: Book recommended services, e.g.:
- SAP S/4HANA Discovery Workshop
- SAP Adoption Starter
- Innovation Strategy & Roadmap

Step 5: Check out yourself
- SAP Cloud Appliance Library

Step 6: Check company specific
- Prototype / PoC
Usage Scenario: What information is available with regards to preparation steps of a system conversion?

Step 1: Identify related road map area
- Transition Planning
- Transition Preparation

Step 2: Check out recommended web pages on
- Simplification Item Catalog
- Hub Dependency / App Server or HANA Upgrade
- CVI
- Clean up Custom Code and Data
- ….

Step 3: Consume E-Learning
- From openSAP
- From SAP Enterprise Support

Step 4: Book recommended services, e.g.:
- S/4HANA Readiness Check
- E.g. Migration Planning Workshop or equivalent from SAP Enterprise Support
- + recommendations from Planning
Usage Scenario: How can I make my custom code ready for SAP S/4HANA?

Step 1: Identify related road map area
- Work Stream “Extensibility” (including Transition Planning)
- Product Enhancements

Step 2: Check out recommended web pages on
- Blogs on Custom Code from SAP Product Management
- Custom Code Migration Guide

Step 3: Consume E-Learning & Tools
- From SAP Enterprise Support
- UPL
- ATC & Quick Fixes
- SAP Solution Manager

Step 4: Book recommended services, e.g.:
- Custom Code Retirement
- Custom Code Impact Analysis

Step 5: Into the future
- SAP S/4HANA Extensibility
- Blogs on Fiori
- SAP HANA Specifics
Example: Information in workstream „Extensibility“

**Transition to SAP S/4HANA**

- Overview
  - Transition Planning
    - Clarify Custom Code Adaption
      - Transition Preparation
        - Choose Unused Code (Optional Task)
        - Import Custom Code Quality Metrics (Optional Task)

- Content

**Phases**

- Define(1)
  - Prepare(1)
  - Execute(0)
  - Review(1)
  - Deliver(0)
  - Run(0)

- Clear All

**Workstreams**

- Analytic(1)
  - Application Design and Configuration(1)
  - Data Management(1)
  - Solution Adoption(1)
  - Project Management(1)
  - Operations and Support(1)
  - Extensibility(1)
  - Testing(1)
  - Technical Architecture and Infrastructure(1)
  - Integration(1)

**Accelerators**

- Files
  - Custom Code Migration: Guide for SAP S/4HANA 1809 (Public)
  - Innovation Control Center (White Paper) (Public)
  - SAP Value Assurance - Description of Services and Service Components (Public)
  - Service information - Custom Code Management (Public)
  - Service information - Planning the Digital Transformation (Public)

- Web Pages
  - OpenSAP Training: Software adaptations for SAP HANA (Public)
  - SAP Blog - Custom code adaption for SAP HANA - The efficient way (Public)
  - SAP Blog - Generate Code Analysis in APE - One central check system for multiple systems on various releases (Public)
  - SAP Blog - HANA Code Analysis in APE - One central check system for multiple systems on various releases (Public)
  - SAP Blog - SAP S/4HANA System Conversion - Challenge for your custom code (Public)
  - SAP Blog - What can you do today to prepare your custom code for SAP S/4HANA (Public)
  - SAP ES - Guided Custom Code Management for SAP HANA (Public)
  - SAP ES - SAP HANA (4th E) - Make your Custom Code Ready (Public)
  - Extract and use of Custom Codes (SAP S/4HANA) (Public)
  - YouTube video – Custom Code adaptation for SAP S/4HANA (Public)

**Clarify Custom Code Adaption**

Custom code may need to be adapted to work properly with SAP HANA and SAP S/4HANA. This is important:

- **In case of a system conversion**: Details on the identification of affected code will be given later in the Explore phase.
- **In case of a new implementation**: and the old system is an SAP system where custom code should be transferred. An opportunity to re-evaluate custom code and SAP modifications, that were required in the past, but that can be

**Requirements and Constraints**

This task is relevant in case of a system conversion. It can be relevant for new implementation scenarios, where custom

**Procedure**

- **Step 1: Get transparency on your custom code situation** – The SAP Readiness Check for SAP S/4HANA should be used to check the readiness of custom code. This check provides an overview of the extent of custom code and helps identify potential issues.
- **Step 2: Clarify custom code adaption** – This task focuses on understanding the impact of custom code on the new SAP HANA system. It involves analyzing the custom code and determining the necessary adaptations.
- **Step 3: Implement changes** – After clarifying the custom code adaption, the necessary changes are implemented to ensure compatibility with SAP HANA or S/4HANA.
- **Step 4: Test and validate** – Finally, the changes are tested to ensure that they do not introduce any new issues or reduce the system’s performance.

![Preparation and adjustment steps for custom code in the context of a system conversion](image-url)
Summary

➢ You have learned how to adapt the roadmap graphic to reflect your planned project
➢ You can now work with the project plan template
➢ You now know how to answer your transformation questions
Learn about the service offerings from SAP and understand the linkage between road map and SAP services. Get answers to the following questions: What are the service offerings for Standard Support customers? What about Enterprise Support Customers? What is premium engagement? What can I get with my type of contract?

Focus: SAP S/4HANA on prem

Target Group:
IT Management, CoE Leads, Project Managers
Thank you.

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