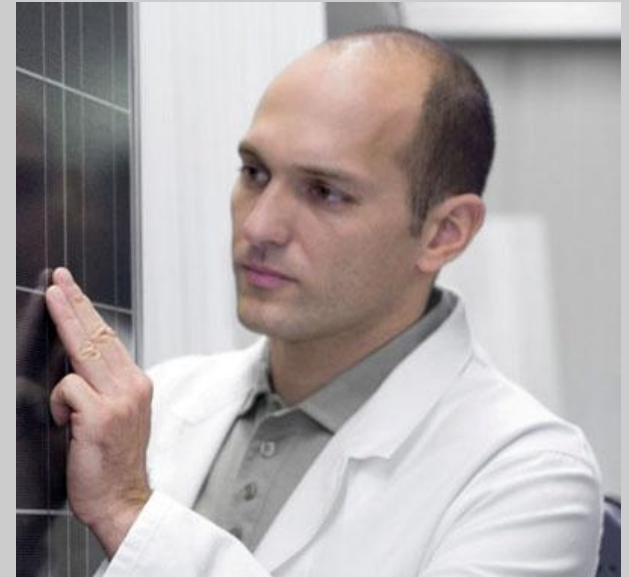


SAP Solution Manager for Global Roll-Outs

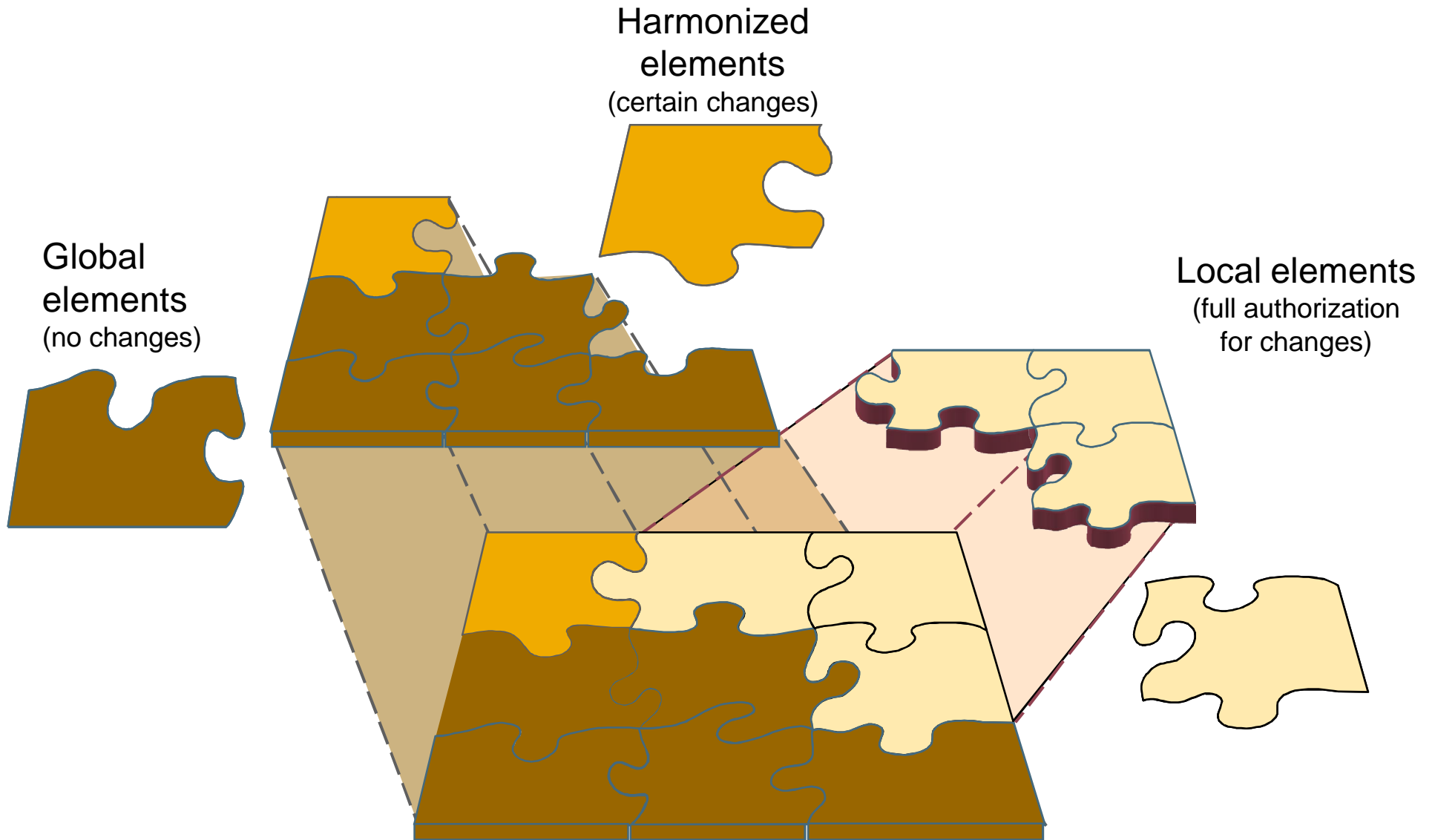


Product Management SAP Solution Manager,
SAP AG

THE BEST-RUN BUSINESSES RUN SAP™



Global Standardization and Harmonization



Centralized standard definition

- Harmonization of local requirements
- Roll-out to local units

Adapt local requirements

- Knowledge transfer to local units
- Controlled implementation of local requirements
- Check standard observance

Release management

- Adapt standard to changed requirements
- Version management



Global Roll-out – Process in Detail



Enterprise Requirements

1 Define global template

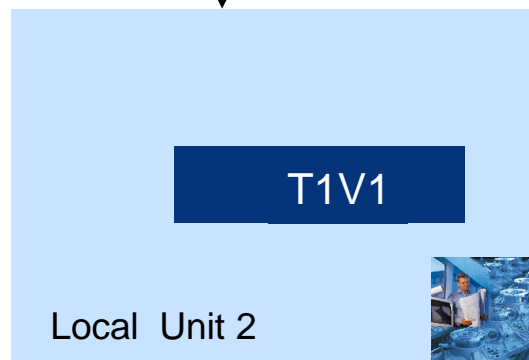
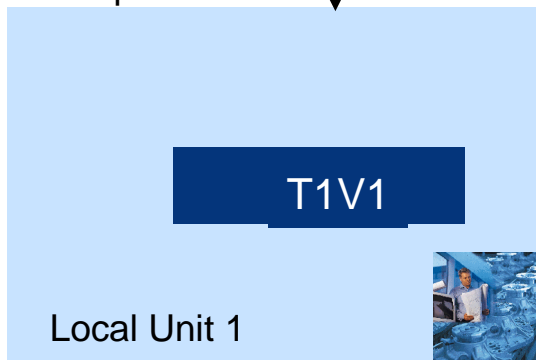


T1V1

2 Roll out global template

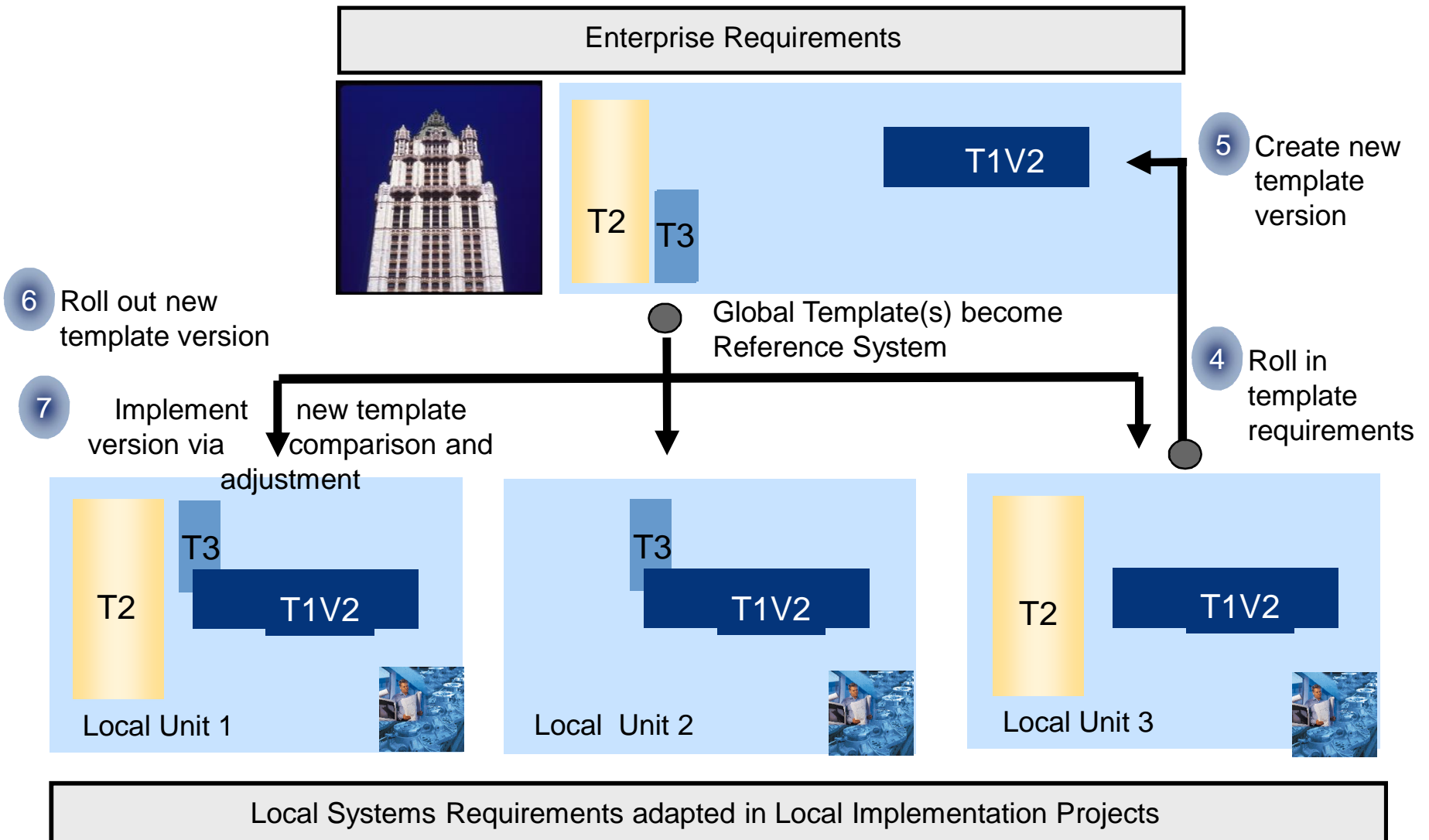
● Global Template(s) become Reference System

3 Implement template



Local Systems Requirements finalized in Local Implementation Projects

Global Roll-out - Process in Detail (II)



Global Roll-Outs with SAP Solution Manager

Defining Global Templates

Implementation at Local Sites

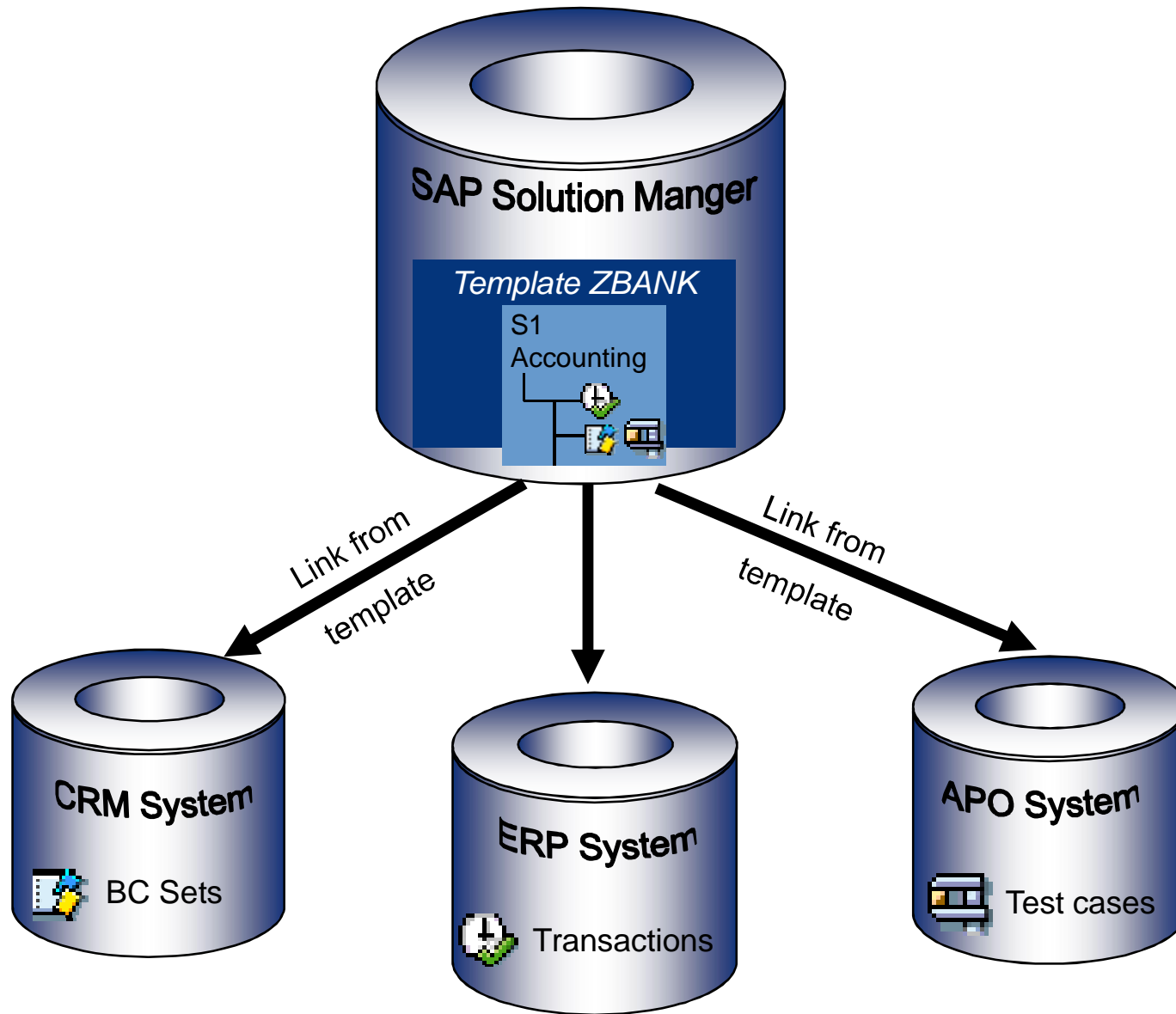
Adapting Templates

Assign Preconfiguration to Template



Reference systems

Component systems

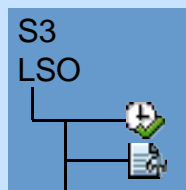
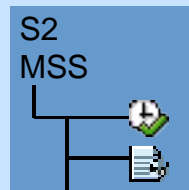


Global Templates - From Definition to Shipment

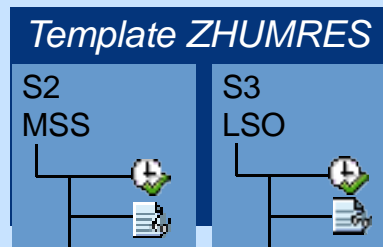
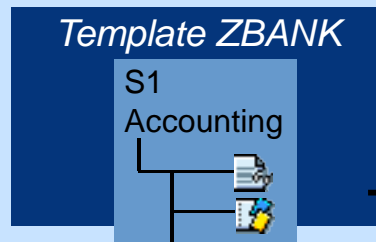


Template Project

1 Create templates and scenarios



2 Assign scenarios to template



3 Release templates for:

- current SAP Solution Manager system
- another SAP Solution Manager system (transport)



4 Collect templates into transport



Using SAP Solution Manager in a Template Project



Project Preparation

Setup global project framework

- Create a template project
- Create required no of templates (in template project)
- Select standard scenarios from the process library (BPR) as starting point for modeling template-specific business scenarios

The screenshot shows the SAP Solution Manager interface for a 'Change Project' operation. The project name is 'TECHTMP' and the title is 'IDES Template Project - Do not change!'. The 'Global Rollout Functionality' checkbox is checked. Below this, a table lists templates with their names, visibility, and person responsible.

Template	Name	Visibility	Person Resp...	Version
ZPLAN_04	ZPlan	Public	TRAIN-99	1
ZSALES	ZSALES	Private	TRAIN-03	1

Global Rollout Functionality
Controls the use of global attributes

Visibility
Controls template use

- Open for public use
- Closed for public use, template „under construction“

Using SAP Solution Manager in a Template Project



Business Blueprint

Define global requirements

- Detail standard scenarios to customer-specific process structure
- Assign template(s) to the customer-specific process structure
- Set global attributes to determine scope of process changes in local roll-out projects
- Describe global business and technical requirements

Step Name	Logical Co...	Origin	Global Attrib.	Original Name
Create Order in CRM	ZCRM SE...	Business P...	Global	Create Order
Process Order	ZCRM SE...	Business P...	Global	Process Order
Update Order Status	ZCRM SE...	Business P...	Global	Update Order Status
Create Order in ERP	ZSAP ECC...	Business P...	Global	Create Order
Create delivery	ZSAP ECC...	Business P...	Global	Create Order
Send / Print Delivery Documents	ZSAP ECC...	Business P...	Global	Send / Print Delivery Documents
Post Goods Issue	ZSAP ECC...	Business P...	Global	Post Goods Issue
Create Customer Invoice	ZSAP ECC...	Business P...	Global	Create Customer Invoice
Send / Print Billing Documents	ZSAP ECC...	Business P...	Global	Send / Print Billing Documents

Global Attributes

*Changes to scenarios, processes and process steps allowed?
If so, to what extent?*



Global attributes:

Define scope of changes allowed in local roll-out projects

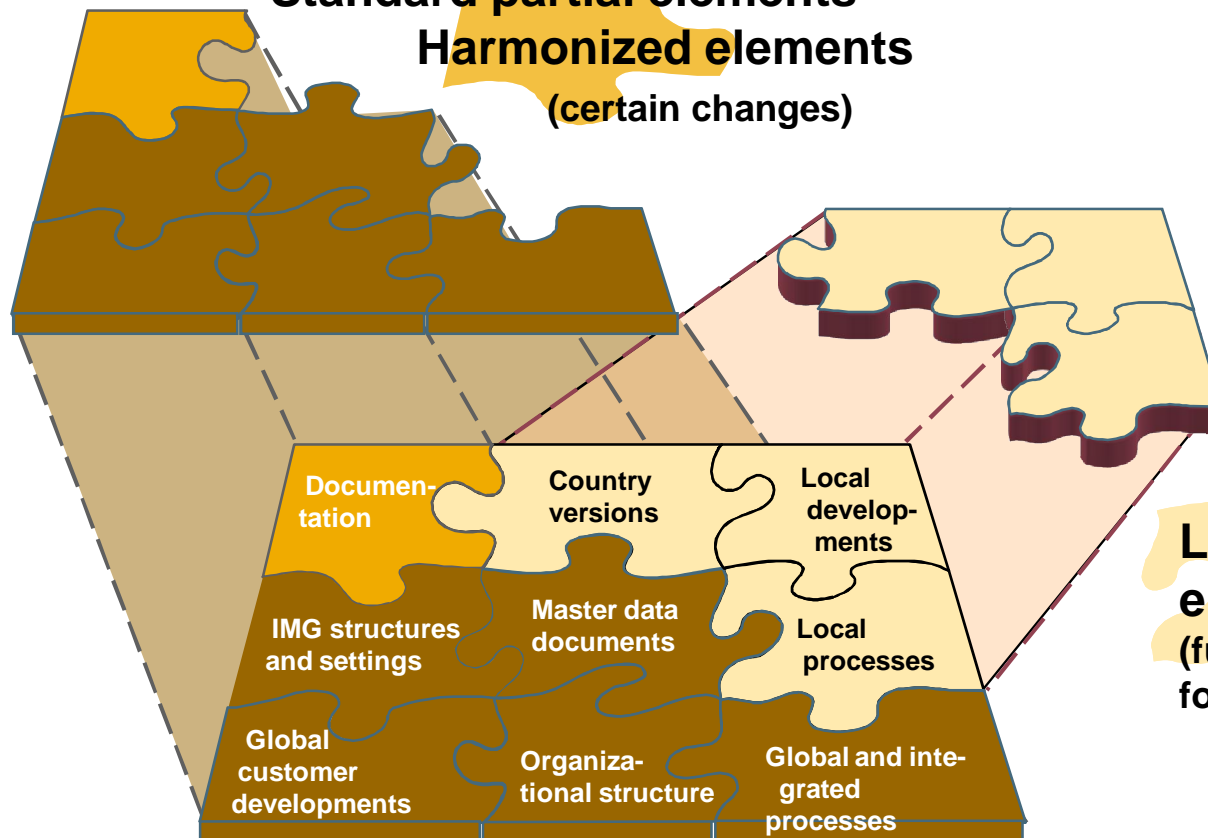
Standard complete elements

Standard partial elements

Harmonized elements

(certain changes)

Global elements
(no changes)



Local elements
(full authorization for changes)

Using SAP Solution Manager in a Template Project



Global Realization

*Prepare reference template
with preconfiguration*

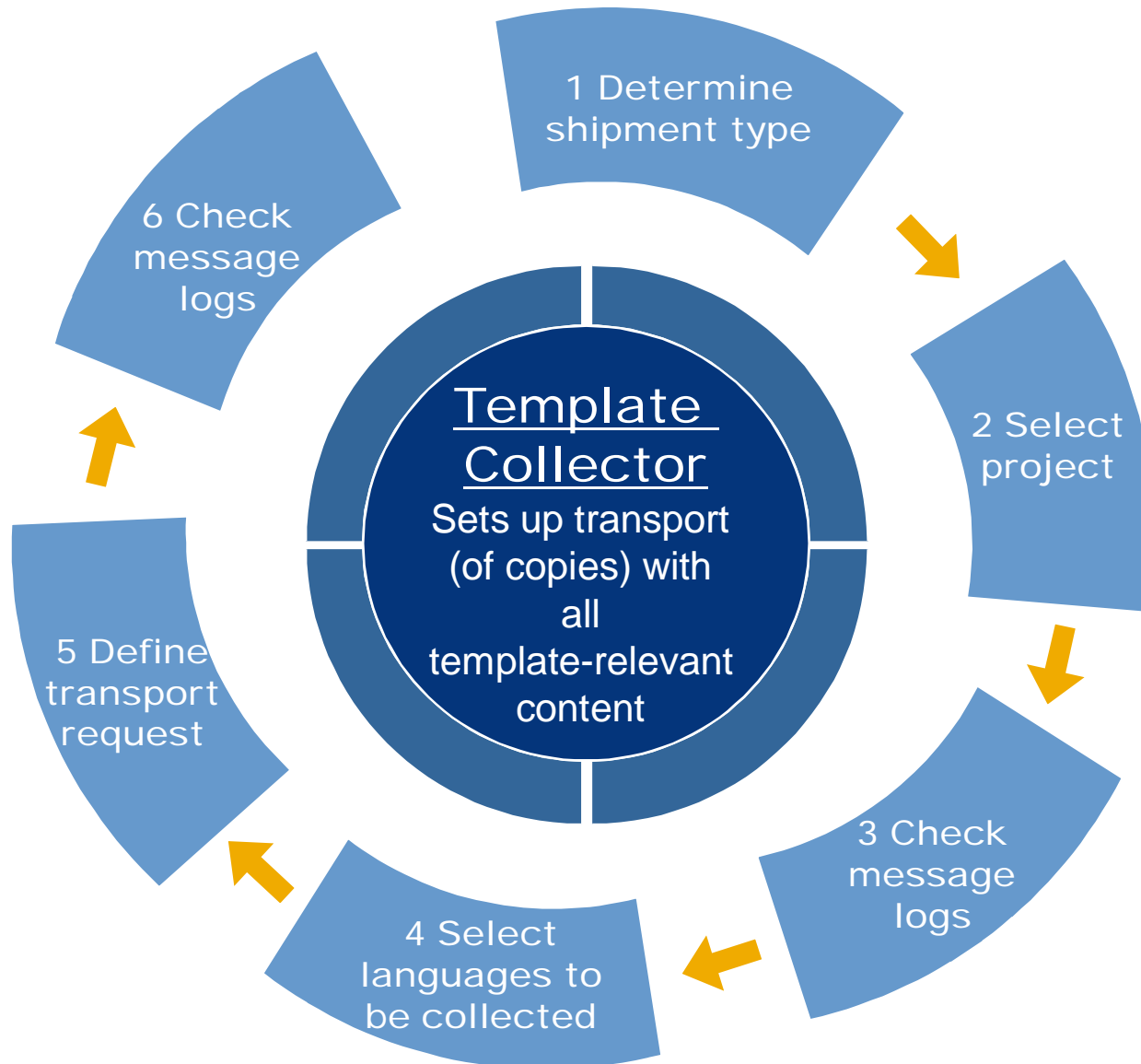
- Assign related IMG activities, create and assign BC Sets
- Assign global customer-specific developments (programs, transactions etc.)
- Record sample / master data as CATTs
- Create standard test cases (manual test cases, CATTs, eCATTs)

Type	Logical Co...	Object	Description	St...	Proce...
BC Set	ZCRM SER	ABI02	Simple BC Set with an Object a...		

Note!

*Re-use of existing configuration possible
Translation or process structure can be triggered
using SAP standard translation tools.*

Template Collection Process



Global Roll-Outs with SAP Solution Manager

Defining Global Templates

Implementation at Local Sites

Adapting Templates

Using Solution Manager in a Local Roll-out Project



Project Preparation

Setup roll-out project framework

- Create a local roll-out project (type: implementation)
- Select one or multiple templates and related scenarios

Business Blueprint

Scope & enhance global template

- Adapt harmonized and local processes to local-specific requirements
- Document local specific requirements of harmonized/local processes

Realization

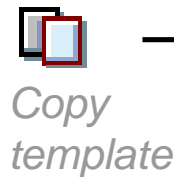
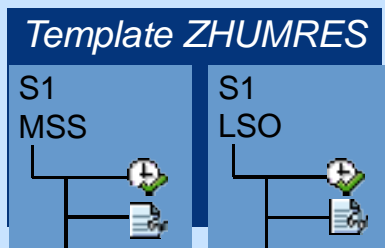
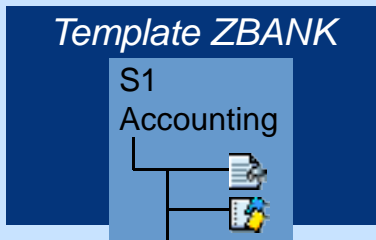
Configure global & local requirements

- Apply template-specific customizing (related BC Sets) for global processes
- Perform final configuration via IMG activities based on local-specific requirements
- Re-use master data samples recorded in global template
- Apply global customer developments (such as reports)
- Re-use standard test cases to test standard processes and use as template to create test cases for local-specific requirements

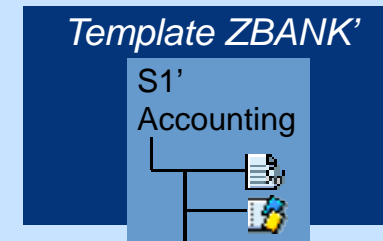
Template vs. Implementation Project



Template Project



Implementation Project



Template is copied into implementation project

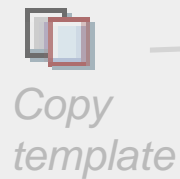
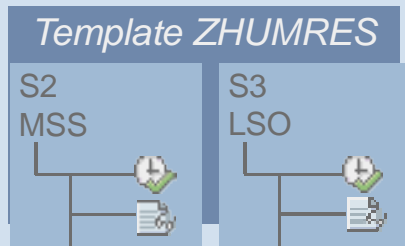
Template content with pre-configuration is basis for local configuration

Template original ZBANK and copy ZBANK' are decoupled

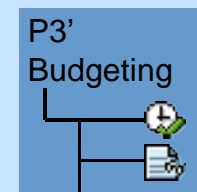
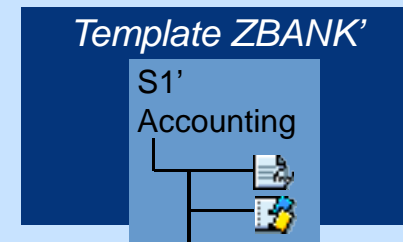
Implementation Project: Adding Processes



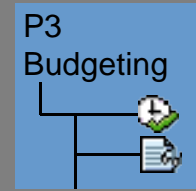
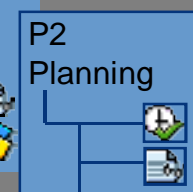
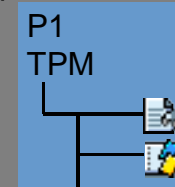
Template Project



Implementation Project



Business Process Repository:
Library of SAP reference
processes



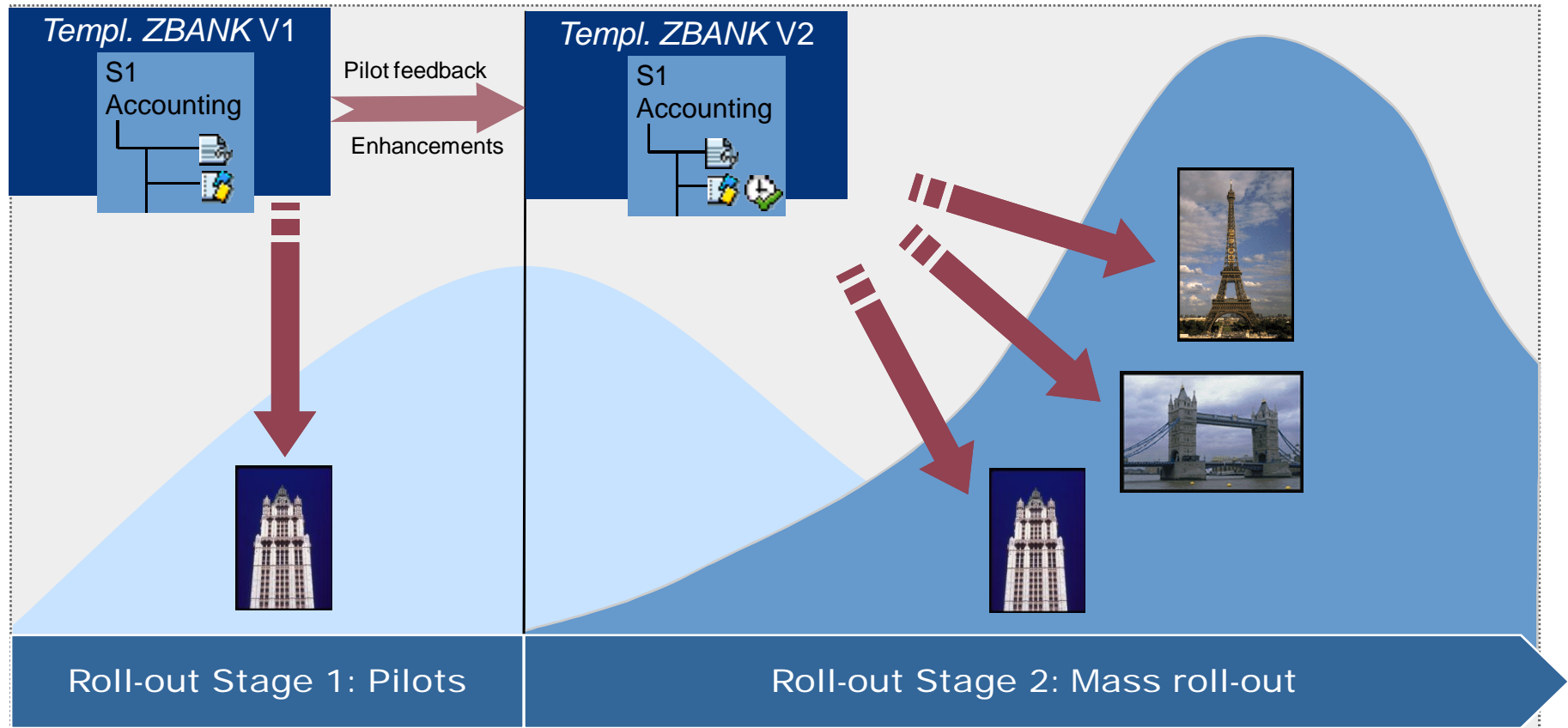
Global Roll-Outs with SAP Solution Manager

Defining Global Templates

Implementation at Local Sites

Adapting Templates

Global Roll-out in Different Stages



Versionizing concept to control/track changes in templates

Template Roll-in, Update, and Roll-Out of New Version



Roll in Template Requirements

Feedback from local sites for improving and enhancing templates

- Local sites give feedback on:
 - Template improvements, e.g. customer-specific enhancements to be implemented

Note!

SAP Solution Manager does not offer explicit tool support for template roll-in and update process.

Create New Template Version

Scope and enhance global template

- Implement feedback from local sites
- Adapt template to new or updated SAP solutions (new building blocks from BPR) or new customer-specific processes
 - Increment version before next version update.
 - All versions are automatically archived.

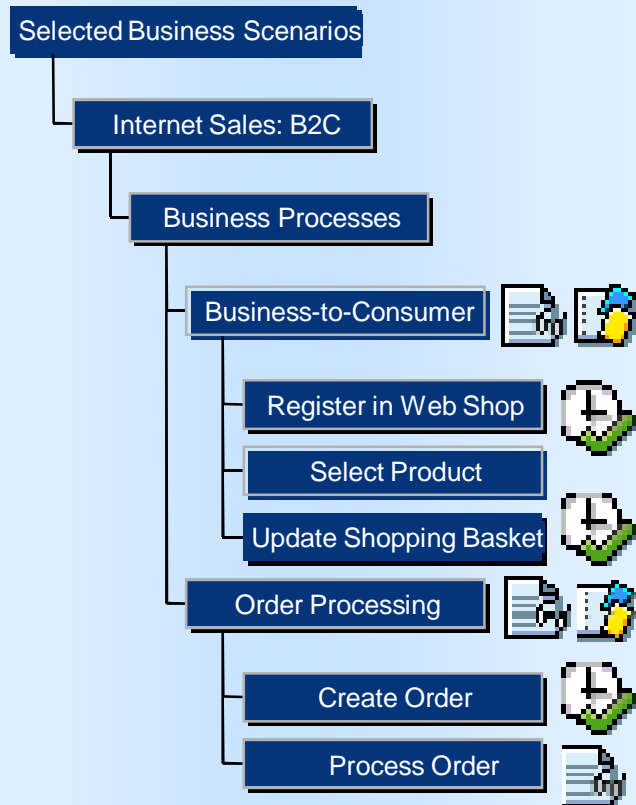
Roll out and adapt template changes

Compare and adjust template version

Compare Differences Between Template Versions

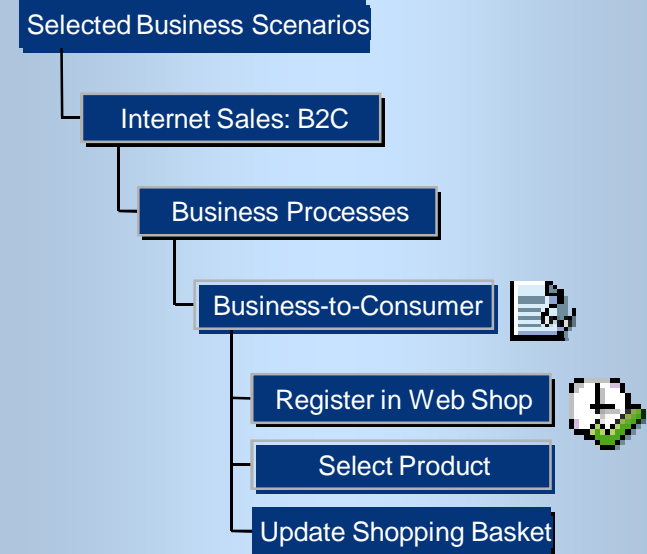


New template



How do I detect discrepancies between the old and the new template?

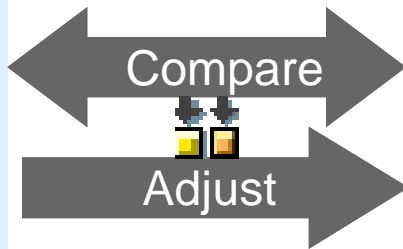
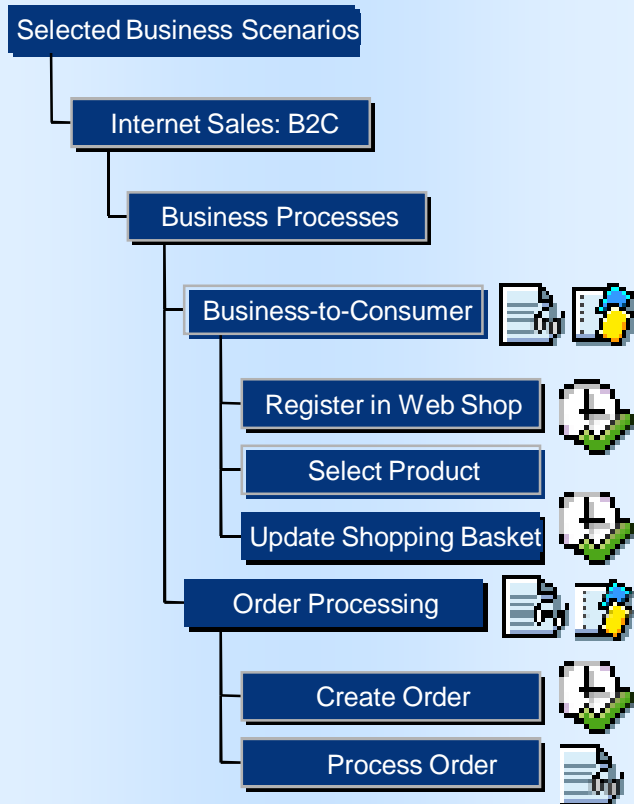
Template in current project



Compare Differences Between Template Versions

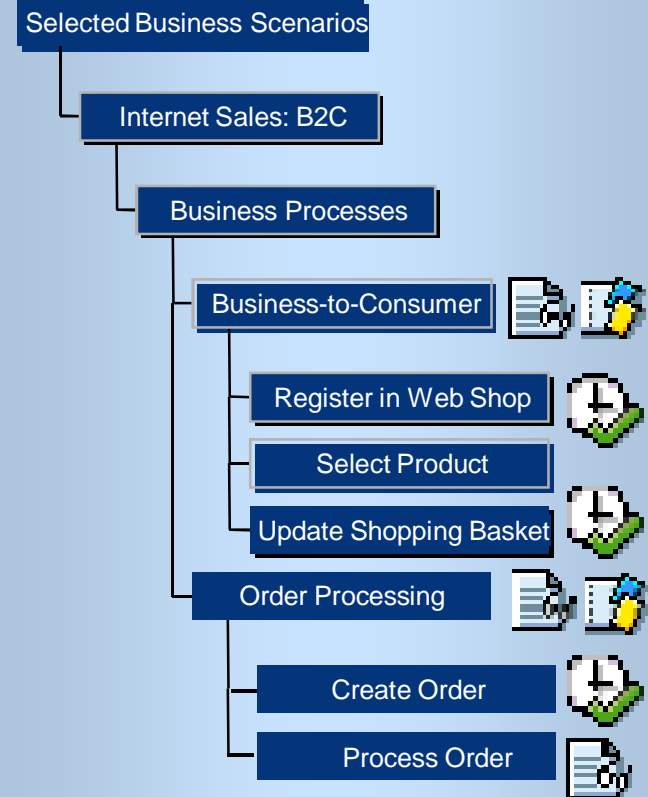


New template




Compare and adjust functionality provides the solution !!!

Template in current project



Based on archived template versions

⑩ Comparison against source (2-way comparison)

- Starting point for comparison is always the source, such as:
 - New template content (version)
 - New process library content (BPR)
 - New content from other projects
- New, changed or deleted items of the source are indicated in your process structure (yellow warning icon )
- Initiate comparison via transaction SA_PROJECT_UPGRADE

Note!

Comparison does not include changes inside the object, such as changes to the contents of a BC Set or documentation!

Comparison Against Source (2/2)



Comparison against source (2-way comparison)

Specify parameters for comparison

Project name: TECHIMP

Configuration Change for Project TECHIMP

System Role: Development System
Process Step: 00 Flexible Planning

Configuration Structure:

- IDES Roll-out Project - Do not change!
 - Configuration
 - Organizational Units
 - Master Data
 - Business Scenarios
 - Planning
 - 00 Flexible Planning**
 - 01 Flexible Planning
 - 02 Flexible Planning
 - 03 Flexible Planning
 - 04 Flexible Planning
 - 05 Flexible Planning
 - 06 Flexible Planning
 - 07 Flexible Planning
 - 08 Flexible Planning
 - 09 Flexible Planning
 - 10 Flexible Planning
 - Perform Sales & Operati...
 - Transfer Results to Dem...
 - Perform Materials Foreca...
 - Perform Demand Manag...
 - Enter MRP Planning File...
 - Process Planning Scene...
 - Process Planner Inten...

Comparison results:
Changes in the new template version

Type	Logical Co...	Object	Description	St...Proce...
IMG Object	ZSAP ECC...	SIMG_CFMENUO...	Set planning plant for SOP	
IMG Object	ZSAP ECC...	SIMG_CFMENUO...	Set parameters for info structur...	
IMG Object	ZSAP ECC...	OLIS_ACTI	Define activities	
IMG Object	ZSAP ECC...	OLIS_ALE	Generate message type	
IMG Object	ZSAP ECC...	OLIS_COPYP	Maintain copy profiles	
IMG Object	ZSAP ECC...	OLIS_KEYF	Maintain key figure assignment...	
IMG Object	ZSAP ECC...	OLIS_MC38	Define number range for events	
IMG Object	ZSAP ECC...	OLIS_MC97	Define number range for SOP ...	
IMG Object	ZSAP ECC...	OLIS_MCNR	Define number range for combi...	
IMG Object	ZSAP ECC...	OLIS_TRAN	Maintain transfer profiles	
IMG Object	ZSAP ECC...	OLIS_MC7F	Set parameters for info structur...	
IMG Object	ZSAP ECC...	OLIS_MC60	Set planning plant for SOP	
IMG Object	ZSAP ECC...	SIMG_CFMENUO...	Define number range for combi...	
IMG Object	ZSAP ECC...	SIMG_CFMENUO...	Define number range for events	
IMG Object	ZSAP ECC...	OLIS_OV7Z	Create characteristics for rema...	
IMG Object	ZSAP ECC...	SIMG_CFMENUO...	Define number range for SOP ...	
IMG Object	ZSAP ECC...	SIMG_CFMENUO...	Define activities	

⑩ Comparison and adjustment (3-way comparison)

- Compares current process setup against
 - Source (requires SA_PROJECT_UPGRADE having been operated)
 - Changes in project after take-over of source items, such as documentation or transactions added in the project after template copy
- Initiate compare and adjust via the *Adjust to the Original* button

Note!

Comparison does not include changes inside the object, such as changes to the contents of a BC Set or documentation!

Comparison and Adjustment (2/3)



⑩ Comparison and adjustment (3-way comparison)

Adjust to Original

Comparison and adjustment

New Version of Original

St...	Type	ID	Description
=	IMG Ob...	SIMG_CFMENUOLPAMC8A	Maintain planning type
=	IMG Ob...	SIMG_CFMENUOLPAMC79	Set user parameters
=	IMG Ob...	SIMG_CFMENUOLPAEXIT4	Create own header info
=	IMG Ob...	SIMG_CFMENUOLPAOV7Z	Create characteristics
+	BC Set	ZPLANNING	Zplanning

Current Version from Tab

St...	Type	ID	Description
=	IMG O...	SIMG_CFMENUOLPAMC8A	Maintain planning types
=	IMG O...	SIMG_CFMENUOLPAMC79	Set user parameters

New BC Set delivered with new template version

Items changed in current project (here: deleted)

Adjust All Undo Adjust All

Copy Complete Information Cancel

Comparison and Adjustment (3/3)



⑩ Comparison and adjustment (3-way comparison)

The image shows two SAP screenshots. The top screenshot is the 'Comparison and adjustment' dialog, which compares two versions of a configuration. It features two tables: 'New Version of Original' and 'Current Version from Tab'. Both tables list configuration items with columns for 'St...', 'Type', 'ID', and 'Description'. The item 'BC Set ZPLANNING' is highlighted in both tables. A yellow arrow points from the 'Current Version from Tab' table to the 'Configuration Change for Project TECHIMP' window below. The bottom screenshot shows the 'Configuration Change for Project TECHIMP' window. It displays a 'Configuration Structure' tree on the left and a table of configuration items on the right. The 'BC Set ZPLANNING' item is highlighted in the table. A yellow exclamation mark icon is visible in the 'Configuration Structure' tree next to the '00 Flexible Planning' node. A yellow callout box points to this icon with the text 'Yellow exclamation mark disappears'. At the bottom of the dialog, there are buttons for 'Copy', 'Complete', 'Information', and 'Cancel'. The 'Copy' and 'Complete' buttons are highlighted with yellow boxes.

Copy content into project and complete comparison

Yellow exclamation mark disappears

Task

- Global standardization and harmonization of scenarios

Target Group

- Large (multi-national) customers
(various SAP R/3 (Enterprise) or mySAP Business Suite in place)

Benefits

- Support of process standardization projects
- Eased implementation at local sites
- Reduced effort for standard adaptation



Support of process standardization projects

- Methodology
- Efficient centralized definition and pre-configuration of global / harmonized elements
- Setup of multiple templates in parallel

Eased implementation at local sites

- Re-use of customizing on local components
- Compliance check
- Documentation of standards

Reduced effort for standard adaptation

- Version management
- Comparison and adjustment of template versions

Deutz AG, Germany



Deutz is an independent and world-wide leading manufacturer of diesel and gas engines for various machines.



Their project scope includes R/3 4.6C, SAP for Automotive, SAP CRM and SAP BW for about 2,000 expected end-users.

Deutz migrated from ValueSAP to SAP Solution Manager after the Business Blueprint phase.

// The main driver in choosing the SAP Solution Manager was the convincing concept of an integrated platform that manages implementation and operations of mySAP Business Suite, leveraging state-of-the-art implementation technologies.

Wolfgang Trabant, Project Manager, Methodology

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