

Introduction

SAP Intercompany Team

March, 2014

Intercompany Integration Solution 2.0 for SAP Business One

Topic 1: Company Template Configurator

Topic 2: Global Data Distribution

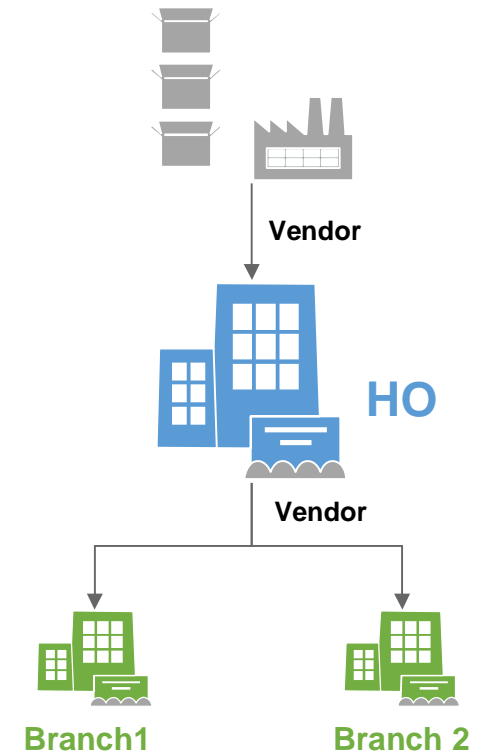
Company Template Configurator

Company Template Configurator

- ❑ **Company Template Configurator allow users to create custom company templates.**
- ❑ **Company template defines the set of data replication definitions per business object in intercompany solution.**
- ❑ **While defining data replication definitions, user can decide to send or receive a particular business object in business one company.**
- ❑ **User can further decide to accept specific object events (i.e. Add, Update or Delete) in the business one company.**
- ❑ **Business transaction notification can also be configured per object.**

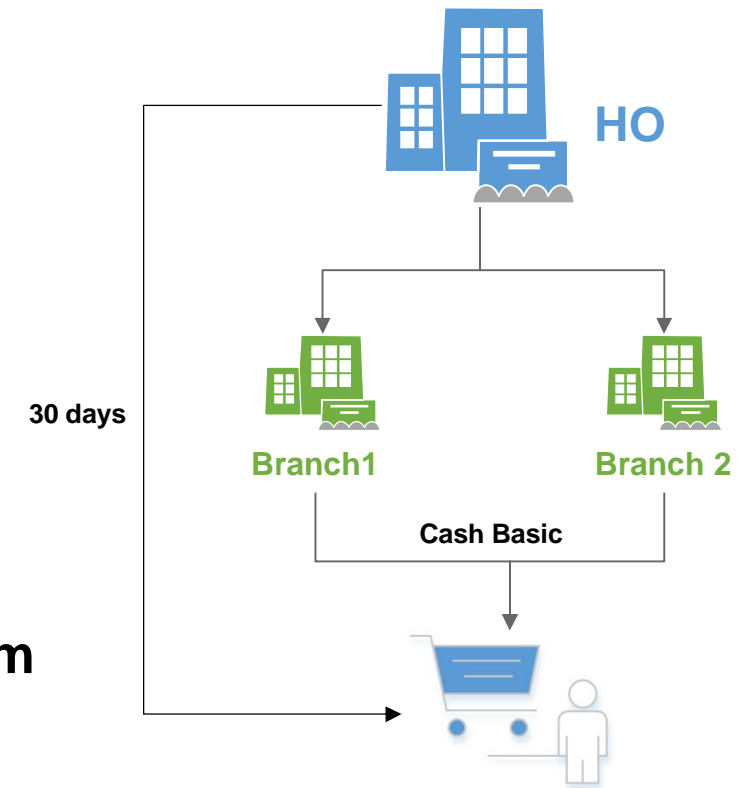
Company Template Configurator: Business Case 1

- ❑ **ACME Computers has three branches in the US:**
 - New York (HO)
 - California (Branch1)
 - Texas (Branch2)
- ❑ **Head Office purchase Items from the preferred vendor assigned to each Item.**
- ❑ **Branch 1 and Branch 2 purchase items from the Head Office.**
- ❑ **All Items in Branch1 and Branch2 has preferred vendor as head office.**
- ❑ **In this Case, user does not want to replicate preferred vendor property available on item master.**



Company Template Configurator: Business Case 2

- ❑ **ACME Computers has three branches in the US:**
 - New York (HO)
 - California (Branch1)
 - Texas (Branch2)
- ❑ **HO is distribution center for Branch1 and Branch2 Retail companies.**
- ❑ **HO also supplies merchandise to external customers.**
- ❑ **These external customers can also purchase the merchandise from retail companies(Branch1 and Branch2)**
- ❑ **When these external customers purchase from HO, they have payment term of 30 Days and when they purchase from retail companies, they have payment term of Cash Basic.**
- ❑ **In this case, User does not want to replicate payment term data between branch companies**

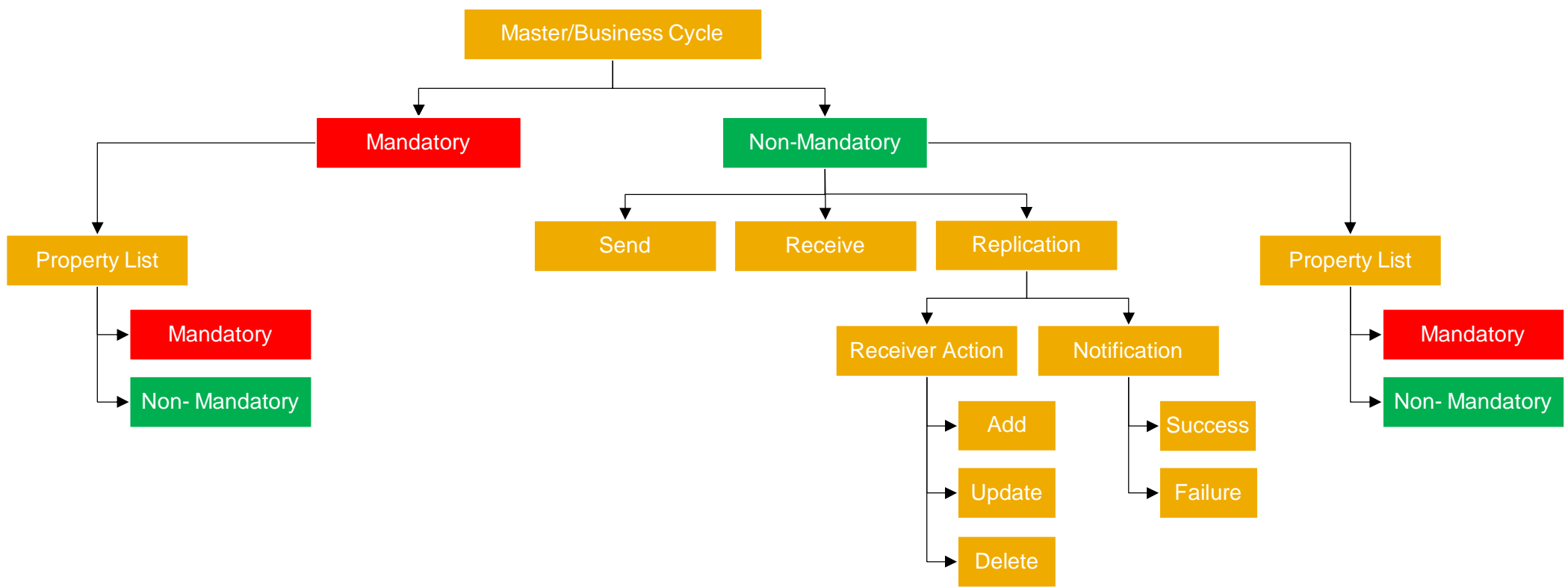


How to Create Company Template?



Configuring Company Template

Data Replication Definition:



How to Assign Company Template to Branch Company?

Integration solution for SAP Business One

Intercompany Integration Solution for SAP Business One



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SLD Setup Preferences Monitoring Duplicate About Logout

- E-mail Connectivity
- Company Template
- Landscape
- Key Mapping

Intercompany Landscape

Refresh!

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Company Registration

Summary

Total SAP Business One companies:7
Last deployed on: 03/01/2014 - 16:49:32
Total companies last deployed:5 (HO:1, Branches:2, Consol:2)
Multi-localization implementation:Yes (2 localizations)
Companies awaiting deployment:0

Details

Select All Deselect All Deploy

Action	System Name	Server	Database
<input type="checkbox"/>	SBODemoUS	CXS-YASHR	SBODemoUS
<input checked="" type="checkbox"/>	BRANCH1_BR	CXS-YASHR	BRANCH1_BR
<input checked="" type="checkbox"/>	BRANCH2_BR	CXS-YASHR	BRANCH2_BR
<input checked="" type="checkbox"/>	CONS1	CXS-YASHR	CONS1
<input checked="" type="checkbox"/>	CONS2	CXS-YASHR	CONS2
<input checked="" type="checkbox"/>	HO_BR	CXS-YASHR	HO_BR
<input type="checkbox"/>	TESTGER	CXS-YASHR	TESTGER

Company Details -- Webpage Dialog

Company Details

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Save Cancel

Branch Code	BRANCH1
Company Template	Default
Company Type	Branch
Operation	Sales and Service

Consolidation Details

Consolidation Company	Consolidation
CONS2 (0010000104)	Local
CONS1 (0010000103)	Local

Selection -- Webpage Dialog

Selection (Company Template)

Choose Entry

[Selection]

Select

Effects of Company Template on Key Mapping

What if Scenarios?

Non-Key Mapped Master Enabled or Disabled

This configuration does not have any effect on Key Mapping Process

Key Mapped Master Enabled

Key mapping need to be done for the companies where key mapped master data is enabled

Key Mapped Master Disabled

Disabled Key mapped master will not be available on key mapping screen if it is disabled in all the assigned company templates

Note: Refer to administrator guide for the list of key mapped masters

Production Environment - Modifying Company Template Definition

- ❑ **If modifying custom company template, Solution re-deployment is not required**
- ❑ **If you assign another company template to a branch company in the landscape, Re-deployment is required**
- ❑ **If key mapped masters objects are enabled in the company template, Re-deployment is not required but key mapping is required for the enabled master objects.**

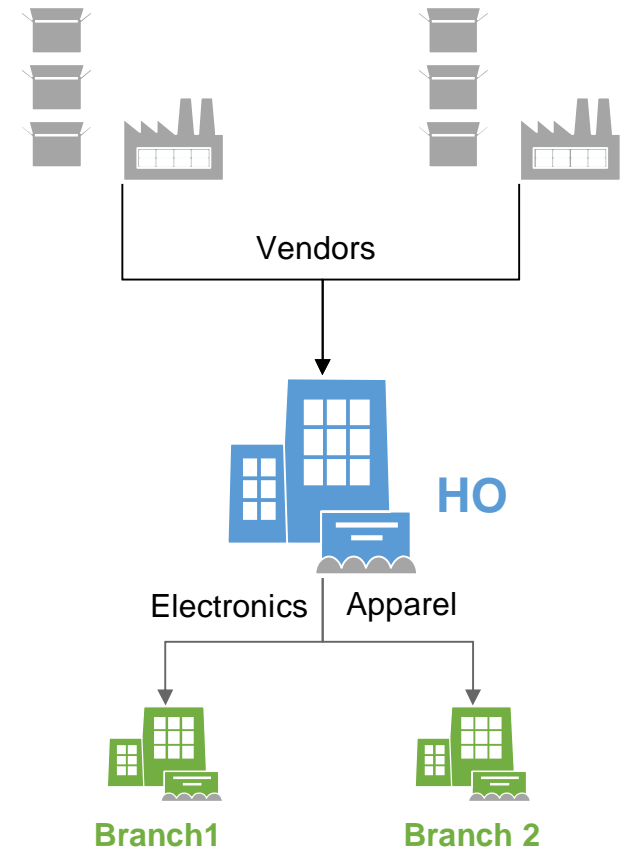
Global Data Distribution

Global Data Distribution

- ❑ **The global data distribution feature enables user to create predefined master data distribution templates.**
- ❑ **The global data distribution template defines the custom recipient list (SAP Business One companies) for master data replication.**
- ❑ **The data distribution template always supersedes standard recipient lists during the replication cycle.**
- ❑ **Users can define data distribution templates to replicate specific following masters:**
 - Global business partner
 - Global item master
 - Global bill of materials
 - Global price lists

Global Data Distribution: Business Case 1

- ❑ **ACME Computers has three branches in the US running SAP Business One:**
 - New York (Head office)
 - California (Branch)
 - Texas (Branch)
- ❑ **HO is distribution center for Branch1 and Branch2 Retail companies.**
- ❑ **Branch 1 deals only with Electronics products**
- ❑ **Branch 2 deals only with Apparel products**
- ❑ **In this case**
 - Electronics group products need to replicate between **HO and Branch1**
 - Apparel group products need to replicate between **HO and Branch2**



How to Create Global Data Distribution Template?

Distribution Rule In-heritance

Item Group

User can assign the distribution template code to an item group. When a user creates new global item master data with a template assigned to the item group, the template is automatically assigned to the item master data.

Business Partner Group

User can assign the distribution template code to a business partner group. When user creates new global business partner data with a template assigned to the business partner group, the template code is automatically assigned to the business partner data.

How to Assign Global Data Distribution Template to Global Masters

User can assign the template to the following masters:

- ☐ Item Group
- ☐ Item Master Data
- ☐ Business Partner group
- ☐ Business Partner Master Data
- ☐ Bill of Materials
- ☐ Price List

Inter-dependence of Company Template on Global Data Distribution

- ❑ **Data distribution templates replicate specific global business partner, global item master, global bill of materials, and global price lists masters to selected branch companies**
- ❑ **As per company template all these masters are mandatory and they have to replicate across branch companies**
- ❑ **With Data distribution template you can specify which specific master will replicate to which company**



Further Resources

Visit the intercompany integration solution for SAP Business One page on SAP Channel Partner Portal at <http://channel.sap.com/sbo/intercompany>