

Administrator's Guide

Intercompany Integration Solution 2.0 for SAP Business One
2023-02-28

CUSTOMER

Administrator's Guide for the Intercompany Integration Solution 2.0 for SAP Business One



Typographic Conventions

Type Style	Description
<i>Example</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Textual cross-references to other documents.
Example	Emphasized words or expressions.
EXAMPLE	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
Example	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
Example	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE	Keys on the keyboard, for example, F2 or ENTER .

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1 Introduction

The Administrator's Guide for the intercompany integration solution for SAP Business One provides a central point for the technical implementation of the intercompany integration solution. Use this guide for reference and instructions before and during the implementation project.

i Note

- This guide covers only the installation of the intercompany integration solution for SAP Business One. For information on the installation of SAP Business One and its add-ons, see the *SAP Business One Administrator's Guide* on [SAP Help Portal](#).

The Administrator's Guide consists of the following main sections:

Section	Description
Prerequisites	This section provides prerequisites to check before you proceed to the installation.
Integration Solutions Add-On	This section provides information on registering the add-on, assigning the add-on to companies and users, and initializing installation on SAP Business One. Additionally, this section describes the procedure for upgrading from previous intercompany integration solution releases and uninstalling the solution add-on.
Installing the Intercompany Integration Solution	This section covers installation of the intercompany integration solution components. The components are as follows: <ul style="list-style-type: none">○ Integration Solutions Installer○ Intercompany Administration Console In addition, this section describes upgrading the intercompany integration solution during new releases or patches, and removing the intercompany integration solution.
Post-Installation Activities	This section provides instructions for configuring the intercompany integration solution after installation. The post-installation activities include the following: <ul style="list-style-type: none">○ Configuring SAP Business One companies Setting up the intercompany integration solution.
Performing Database Maintenance	This section assists you with maintaining the intercompany integration solution landscape database.
Managing Security	This section explains how to implement a security policy and provides recommendations for meeting the security demands of the intercompany integration solution.

1.1 Glossary

Term	Description
Branch Company	An SAP Business One company database which records the business transactions of a legal entity participating in Interbranch transactions. A branch company can also be referred to as an Intercompany partner.
Consolidation Company	SAP Business One company database that is used only for consolidation reporting.
Head Office Company	The branch company that is explicitly identified as the headquarters of the organization.
Intercompany Integration Solution	An abbreviation for the intercompany integration solution for SAP Business One.
Sender System/Sender Company	The branch company that initiates the Interbranch transactions.
Receiver System/Receiver Company	The branch company that receives incoming Interbranch transactions.

1.2 Overview of Application Components

This section includes a description of the various software components of the intercompany integration solution for SAP Business One and their functions.

The intercompany integration solution consists of the following components:

1. Integration Solutions Add-On

The integration solutions add-on extends the SAP Business One functionality to perform intercompany transactions.

2. Intercompany Administration Console

The Intercompany Administration Console web application is the central module for setting up the intercompany integration solution and monitoring the Interbranch message flow.

3. Integration Solutions Installer

The Installer contains the scenario package for the intercompany integration solution component.

2 Prerequisites

Before you install the intercompany integration solution for SAP Business One, ensure the following:

Required Installed Components

- Microsoft .NET Framework 4.0
- SAP Business One, complied to the
 - [SAP Business One Hardware Requirements Guide](#)
 - [Platform Support Matrix for SAP Business One](#)
 - [Platform Support Matrix for SAP Business One, version for SAP HANA](#)
- SAP Business One SDK Data Interface API (DI-API), 64-bit or 32-bit
- SAP Integration Framework 2.0
- Microsoft® Office 2010 or 2013
- SAP HANA ODBC 32 Bit Driver must be installed for Database Type SAP HANA.
- Supported web browser – Google Chrome
- For connecting to
 - SAP Business One companies on MS SQL-> SQL Native Client
 - SAP Business One companies on SAP HANA DB -> 32-bit and 64-bit HANA Client

Technical Requirements

- System requires 1.25 GB RAM per user/SAP Business One Client instance (1 GB for SAP Business One + 0.25 GB for add-on = 1.25 GB).
- Apache SAP Integration Framework 2.0 4 GB
- Depending on the SAP Business One version, the intercompany installation version must be selected correctly. Otherwise no compatibility or support can be guaranteed. For compatibility information, refer to Note [WDF 1844555](#).
- Windows Operating System to run the Intercompany Integration Solution for SAP Business One installer.
- When working with non-English locales, ensure that the decimal separator and thousand separator setup in SAP Business One matches the locale setting in Windows.

User Rights

- Administrator rights on the computer to perform the installation of the intercompany integration solution components.
For more information about installer issues related to the User Account Control (UAC) in Microsoft Windows operating systems, see Note [WDF 1492196](#).
- Superuser access to the SAP Business One company databases to proceed with the installation of the integration solutions add-on.

2.1 Localized Countries

The intercompany integration solution is currently localized and fully supported in the following SAP Business One localizations **only**:

Australia, Austria, Belgium, Brazil, Canada, Chile, Costa Rica, Cyprus, Czech Republic, France, Germany, Guatemala, Hungary, India, Ireland, Israel, Italy, Mexico, New Zealand, Netherlands, Panama, Poland, P.R. China, Russia, Singapore, Slovakia, South Africa, Spain, Switzerland, UK International / Republic of Ireland, USA, Denmark, Finland, Norway, Portugal, Sweden, Turkey, Central MENA (United Arab Emirates, Egypt, Lebanon, Oman, Qatar, Saudi Arabia) and Brexit (United Kingdom of Great Britain and Northern Ireland).

Note

You can use the solution in the countries not listed above using company template feature of intercompany solution. For more information on using the Intercompany Integration Solution for SAP Business One for Non-Localized Countries, see Note [WDF 2154976](#).

2.2 Intercompany License

The Intercompany solution supports subscription-based licensing. The customer needs to pay a recurring subscription fee in order to use the product.

Customer will not be able to use the Intercompany solution and unable to perform the upgrades if the subscription is expired or the license count is mismatch with the SAP Business One license count.

2.2.1 Purchase an Intercompany Solution Subscription

You can purchase the Intercompany solution subscription at any time to keep up with your business needs.

To purchase an Intercompany solution subscription, perform the following steps:

1. Navigate to the <https://walldorfsolutions.com/store>.

All available products are displayed.

For Intercompany solution, you can purchase the below subscription packages:

- Intercompany Integration Solution License (includes maintenance and support package)
All new customers can purchase the [Intercompany licenses](#) from Walldorf solutions. The Intercompany solution licenses include the maintenance and support package as well.
- Intercompany Solution – Maintenance & Support
All existing customers can purchase the [Maintenance & Support package](#) for their existing install directly from Walldorf Solutions to continue using current Intercompany Install. With the maintenance and support package, you can access online support, phone and email support,

regular bug fixes and updates, all major upgrade version license, and the ability to purchase additional Intercompany licenses on your current install.

2. Hover the cursor the relevant Intercompany Integration Solution subscription package and click [Add to cart](#).

This will take you to an Intercompany page where you can select the annual subscription and user license subscription quantity.

i Note

Intercompany Licensing is based on the number of SAP Business One license in your company. For example, if you had purchased 25 SAP Business Licenses, you should purchase 25 user subscriptions. Intercompany will stop working if there is a license mismatch between your SAP B1 license and Intercompany license. In case of license count mismatch, you need to upgrade your subscription.

Following SAP Business One license types need to be added together for the whole intercompany landscape i.e headoffice and branches:

- SAP Business One Professional User
- SAP Business One Limited CRM User
- SAP Business One Limited Financials User
- SAP Business One Limited Logistics User
- SAP Business One CRM Service User (Standalone)

i Note

In case if you increase SAP Business One license count after activating the intercompany solution subscription, you need to upgrade your subscription.

3. Afterward, click [Add to cart](#). This will take you to a page confirming that the intercompany integration solution is in your cart.

Similarly, you may add more application subscription in your cart.

4. On the cart page, you can change a subscription quantity if you'd like to purchase more user subscription.
5. Click [Proceed to Checkout](#).
6. If you are already logged in to Walldorf solutions, then complete the Order by providing the payment method details (Credit Card or Purchase Order) information and choose [Buy Now](#).
7. Otherwise, complete the account registration process by providing the Billing details and Additional information and then choose [Buy Now](#).
8. After you've completed your order, you are prompted with the order details, download link, and subscription information.
9. Also, you will receive an Order confirmation email with the subscription details and Production & Sandbox key's as applicable.

i Note

The credit card entered during checkout will be saved in the customer account, and future renewal orders will be placed automatically unless canceled by the user.

i Note

The Sandbox license key are delivered if applicable for product subscription and is valid for 30 days, After the time period the Sandbox license key will expired and you need to contact support to renew the Sandbox license on need basis.

2.2.2 Managing the Intercompany Solution Subscription

Customers who buy Intercompany solution subscription can view and manage their subscriptions from their Customer Account (<https://walldorfsolutions.com/my-account>).

After logging in, Click *My account*, and then *My Subscriptions*.

All subscriptions are listed in the *My Subscriptions* section. Customers can view subscription details, including:

- Subscription no.
- Subscription totals
- Downloads
- Related orders
- Saved billing address

To cancel the subscription, click *Cancel*.

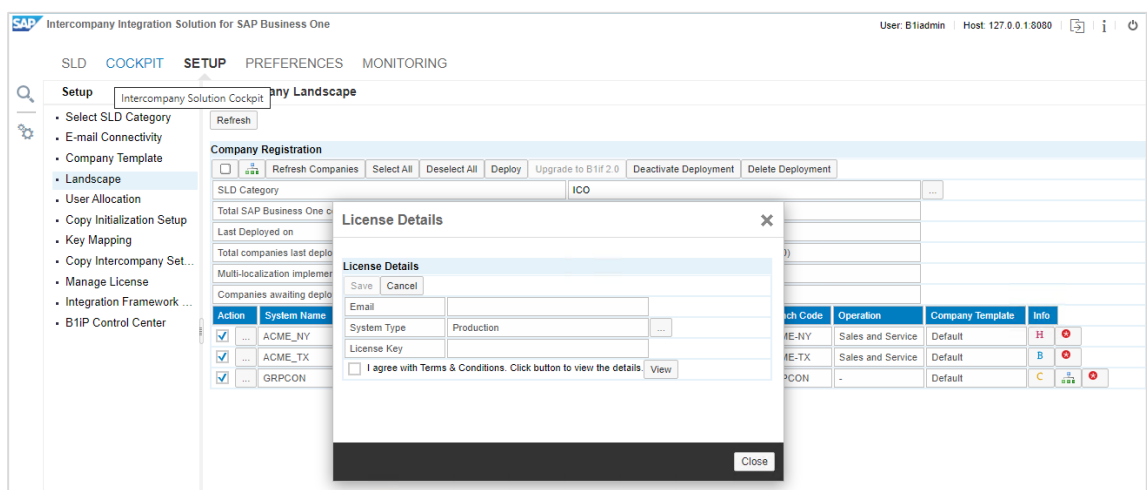
To renew the subscription, click *Renew now*.

To update the payment method information, click *Payment Methods*, and then *Add Payment Method*.




2.2.3 Assigning the Intercompany Solution licenses

To assign the subscription license to the Intercompany solution, perform the following:

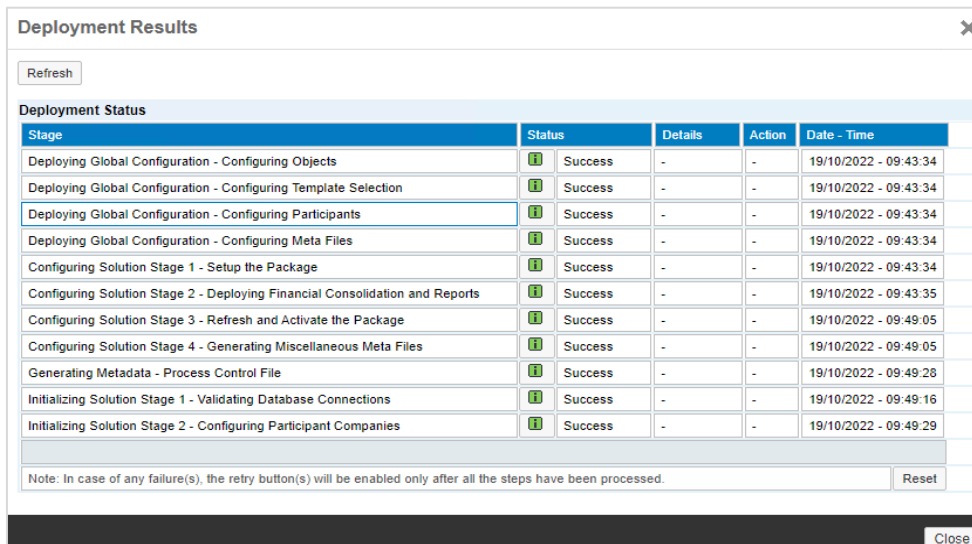
1. Perform the steps as mentioned in the [Setting Up the Intercompany Integration Solution](#) section in this guide completely and during deployment, the application prompt you to provide the license details.



The License Details window contains the following fields:

Field Name	Description
<i>Email</i>	Enter the email address on which you receive the license keys.  Note <i>Email</i> is a mandatory field
<i>System Type</i>	Select the System Type – <i>Production</i> or <i>Sandbox</i> from the drop down list.  Note Choose the appropriate system type as mentioned in the license email.
<i>License Key</i>	Enter the License key received in the email.  Note <i>License Key</i> is a mandatory field

2. Enter the *Email*, *System Type* and *License Key* information and choose the *Save* button.
3. The application validates the license information, if all entered information is correct the application displays apply license message. Otherwise, the application will show you the appropriate license error.
4. Afterward choose the *Deploy* button. The application displays *Deployment Results* window.



Deployment Status				
Stage	Status	Details	Action	Date - Time
Deploying Global Configuration - Configuring Objects	Success	-	-	19/10/2022 - 09:43:34
Deploying Global Configuration - Configuring Template Selection	Success	-	-	19/10/2022 - 09:43:34
Deploying Global Configuration - Configuring Participants	Success	-	-	19/10/2022 - 09:43:34
Deploying Global Configuration - Configuring Meta Files	Success	-	-	19/10/2022 - 09:43:34
Configuring Solution Stage 1 - Setup the Package	Success	-	-	19/10/2022 - 09:43:34
Configuring Solution Stage 2 - Deploying Financial Consolidation and Reports	Success	-	-	19/10/2022 - 09:43:35
Configuring Solution Stage 3 - Refresh and Activate the Package	Success	-	-	19/10/2022 - 09:49:05
Configuring Solution Stage 4 - Generating Miscellaneous Meta Files	Success	-	-	19/10/2022 - 09:49:05
Generating Metadata - Process Control File	Success	-	-	19/10/2022 - 09:49:28
Initializing Solution Stage 1 - Validating Database Connections	Success	-	-	19/10/2022 - 09:49:16
Initializing Solution Stage 2 - Configuring Participant Companies	Success	-	-	19/10/2022 - 09:49:29

Note: In case of any failure(s), the retry button(s) will be enabled only after all the steps have been processed.

2.2.4 Managing the Intercompany Solution licenses

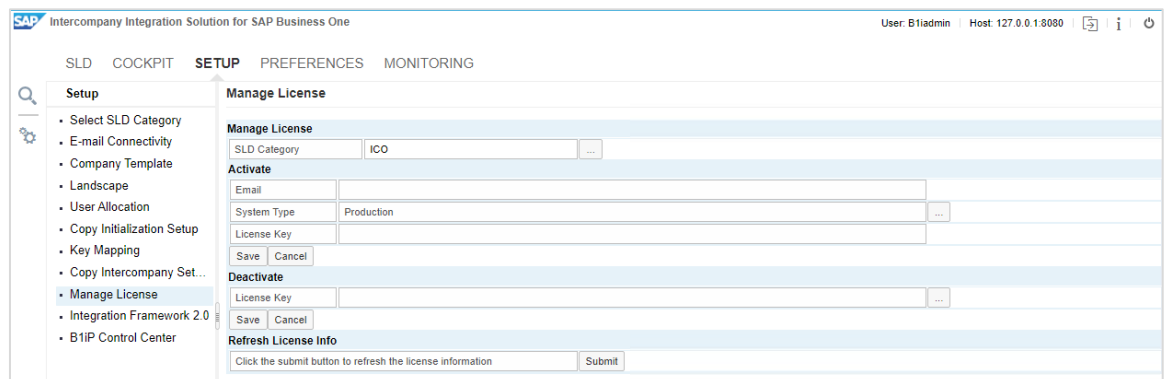
The application allows you to activate the new licenses or deactivate the existing licenses or changing the sandbox system to a production system using the *Manage license* option.

With the *Manage License* option, you can also get the updated license information from the license server immediately. You may require to manually refresh the license definition in case of any manual upgrade in your subscription to apply it with immediate effect. Otherwise, system is designed to auto update the license information periodically.

To activate/deactivate the license or retrieving the latest license information from the license server, perform the following:

1. In the Administration Console, in the top menu bar, choose the *Setup* option. In the left frame, choose the *Manage License* option.

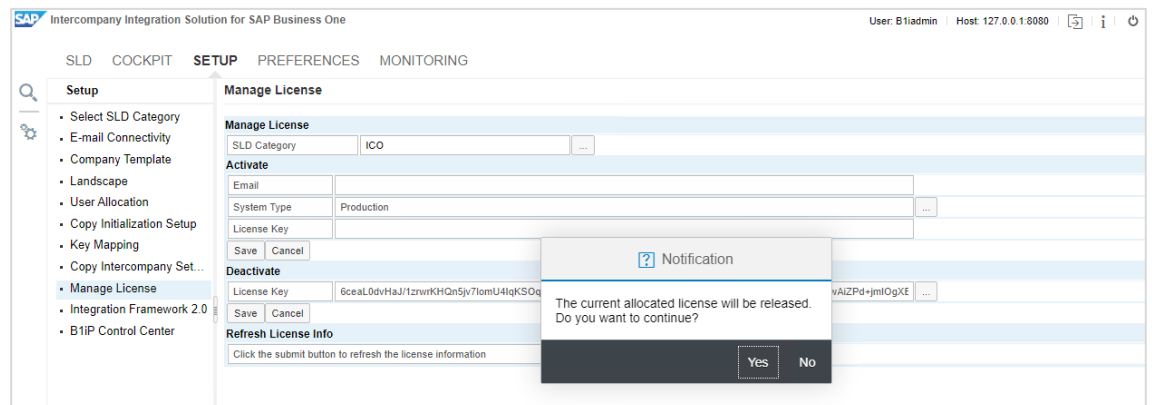
Manage License page is displayed.



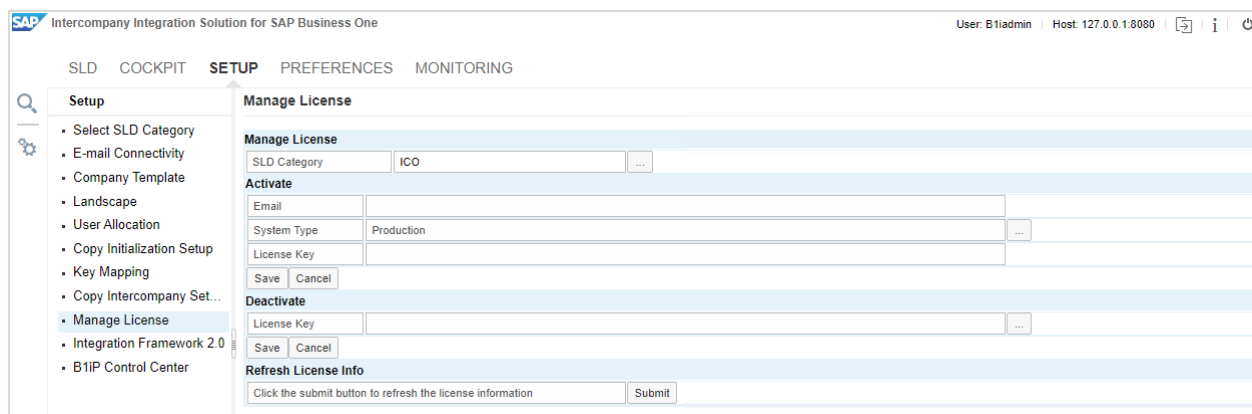
2. Select the SLD Category.
3. In the activate section, in case if you would like to replace the existing license i.e. converting the sandbox system to the production system. Then provide the new license information as *Email*, *System Type* and new *License Key* on *Activate* section and choose *Save*.
4. In the deactivate section, in case if you would like to change your system hardware or move the application to another system then you should first deactivate or returns the existing license, Select the existing *License Key* information by choosing the *Select license key* button on *Deactivate* Tab and choose *Save*.

On deactivation, the license count reinstates.

5. The *Deactivation Confirmation* prompt appears. Choose *Yes*, to confirm the deactivation.



6. Afterwards, the license gets released and solution deployment gets deactivated.
7. In the Refresh License Info section, in case if you would like to retrieve the latest license information from the license server. You may require to manually refresh the license definition in case of any manual upgrade in your subscription to apply it with immediate effect. Choose the *Submit* button.



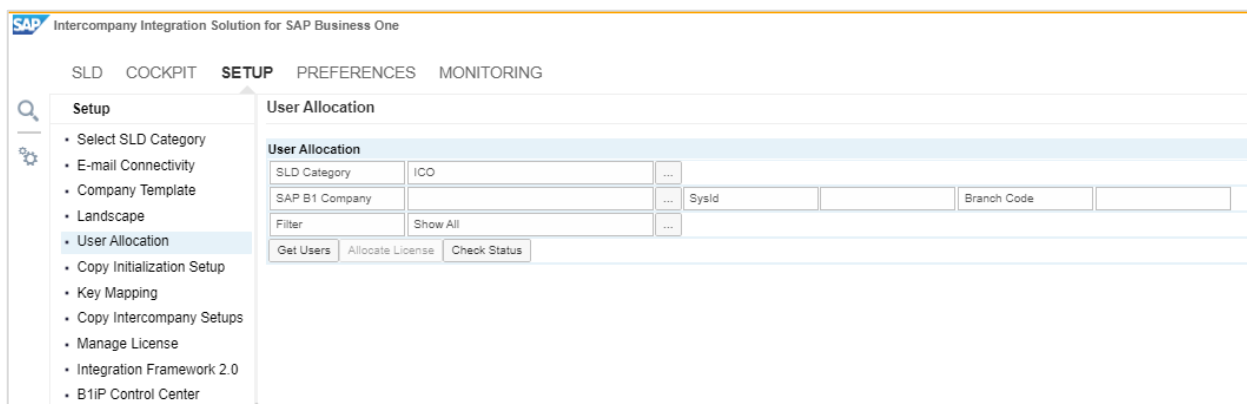
1 Note

In case of system crash, you should contact the application support team to get the new license key.

2.2.5 Allocating the Intercompany Solution license to User

To allocate the intercompany license to users, perform the following:

1. In the Administration Console, in the top menu bar, choose the *Setup* option. In the left frame, choose the *User Allocation* option.
User Allocation page is displayed.
2. In the *User Allocation* page, select the *SLD Category*



3. Select the *SAP B1 Company*. The application loads the *SysId* and *Branch Code* of the SAP B1 Company.
4. Choose the *Get User* button to fetch the user details from SAP Business One Company. List of all available users is displayed.
5. Select the check box next to the users to which you would like to allocate the license.
6. After selecting the users choose the *Allocate License* button. The application prompts the user "This action will save the license allocation to user(s). This may take few minutes; do you want to continue?" choose *Yes* to continue.
7. The *User Allocation Result* window is displayed. This window displays the status of user allocation.
8. You may also check the user allocation result status by choosing the *Check Status* button.

i Note

- You should always have valid intercompany license count as SAP Business One license count, otherwise user list will not be displayed in the User Allocation window.
- You can allocate users with intercompany license with the max limit of SAP Business One licenses in a particular company

Similarly, you may deallocate the license assigned to users by un-selecting check box next to the users and then choose the *Allocate License* button.

2.2.6 Viewing the Intercompany Solution license status

The user can view the current license status i.e *Expired* or *Active* information from the *Feature Activation* screen in SAP business One.

To open the *Feature Activation* window from the SAP Business One *Main Menu*, choose *Administration* → *Integration Hub* → *Feature Activation*

To get the latest updated information, you can also click on the *Refresh License Info.* button available on the *Feature Activation* screen.

2.3 Installation Sequence

To successfully complete the installation, proceed as follows:

1. Install the integration solutions add-on in all branch and consolidation companies.

i Note

If you are integrating to SAP Software's other than SAP Business One, then do not install the integration solutions add-on.

2. Install the integration solutions installer.

2.4 Installation Prerequisites

- Manually ensure that all masters replicated by the intercompany integration solution have the same number of records in each branch company (that is, identical records exist in each branch company).
- For **currencies, cost centers, distribution rules, manual distribution rule** and **projects masters**, you must manually ensure that the same number of records exists in each branch and consolidation company, that is, identical records exist in each branch and consolidation company.
- Create a backup file of your company's production databases.
- Uninstall any previously installed versions of Java runtime or Java SDK.

3 Installing the Integration Solutions Add-On

You must install the integration solutions add-on for all branch and consolidation companies.

Caution

If you are using the 32-bit version of the SAP Business One client, you can install and run only the 32-bit version of the integration solutions add-on. If you are using the 64-bit version of the SAP Business One client, you can install and run only the 64-bit version of the integration solutions add-on.

3.1 Registering the Integration Solutions Add-On


To begin installation of the intercompany integration solution, you must register the add-on on the SAP Business One server from a client. On completion of the registration, the add-on installation package will be uploaded to the SAP Business One server. You need to register the add-on only **once**, that is, on each client. To register an add-on, you must have SAP Business One superuser authorization.

To register the integration solutions add-on, follow this procedure:

1. In SAP Business One, log on to a company with a user that has superuser authorization.
2. In the SAP Business One *Main Menu*, choose *Administration* → *Add-Ons* → *Add-On Administration*.
The *Add-On Administration* window appears.
3. Choose the *Register Add-On* button (below the list of *Available Add-Ons*).
The *Add-On Registration* window appears.
4. Locate and select the add-on registration data file (*.ard) by choosing the (...) (*Browse*) button next to the *Registration Data File* field.
* stands for the name of the add-on. The file for the integration solutions add-on is named `IntegrationSolutionsAddon.ard`.
5. Locate and select the add-on installation package (*.exe) by choosing the (...) (*Browse*) button.
* stands for the name of the add-on. The file for the integration solution add-on is named `IntegrationSolutionsAddon.exe`.
6. To assign the add-on to the current company, select the *Assign to Current Company* checkbox. This option is selected by default.
7. Choose the *OK* button.
In the *Add-On Administration* window, the name of the add-on appears in the list of *Company-Assigned Add-Ons*.

The add-on installation package has been uploaded to the SAP Business One server. The add-on is now available for all company databases on this server.


Note

Use  to move the order of the Intercompany add-on up the list of *Company-Assigned Add-Ons*.


8. In the *Company-Assigned Add-Ons* screen area, in the Intercompany add-on row, click on the arrow in the *Default Group* column and select *Automatic* from the dropdown list. Select the *Active* checkbox.
9. Choose the *Update* button.
10. Choose the *OK* button.
11. Close the SAP Business One application.
12. Open SAP Business One. Log on to a company with a user that has superuser authorization.
The Add-on installer wizard launches automatically.
13. In the *Welcome* window of the Add-on installer wizard, choose the *Next* button.
The *Select Installation Folder* window is displayed. The *Folder* field is populated with the default installation path.
To install the add-on to a different path, choose the (...) (*Browse*) button.
14. In the *Select Installation Folder* window, choose the *Install* button.
The add-on installation starts; when finished, the *Installation Complete* window is displayed.
15. In the *Installation Complete* window, choose the *Finish* button.
16. A system message is displayed informing you that SAP Business One will close. Choose the *OK* button.
17. In SAP Business One, log on to a company with a user that has super user authorization.
The integration solutions add-on database script executes automatically, and its progress is displayed in the SAP Business One status bar.
On completion, a system message is displayed informing you that SAP Business One will close after add-on installation.


3.2 Assigning the Integration Solutions Add-On to Companies

When you register the intercompany add-on, the add-on is assigned by default to the company that was registered. Next, the add-on must be assigned to other companies participating in the Intercompany Landscape. To manually assign the add-on to other companies, use the following steps:

1. In SAP Business One, log on to a company with a user that has superuser authorization.
2. In the SAP Business One *Main Menu*, choose *Administration* → *Add-Ons* → *Add-On Administration*.
3. Select the *Company Preferences* tab.
4. To assign the integration solutions add-on, in the list of *Available Add-Ons*, select the Intercompany add-on. Then click .
 - In the *Company-Assigned Add-Ons* list, in the *Default Group* field, select *Automatic* from the dropdown list. Check the box in the *Force Install* field and the *Active* field.

Note

Use  to move the order of the Intercompany add-on up the list of *Company-Assigned Add-Ons*.

- To unassign the add-on, in the *Company-Assigned Add-Ons* list, select the add-on and click .
5. The add-on is removed from the *Company-Assigned Add-Ons* list.

Note that the add-on is still available to other company databases on the server. You can reassign the add-on to the current company database at any time.

6. Choose the *Update* button.

To use the add-on, restart the SAP Business One application.

3.3 Assigning the Integration Solutions Add-On to Users

After an add-on is assigned to a company, the add-on is by default available to all users that have authorization for that company.

Caution

Ensure that the integration solutions add-on is assigned to all users of the company.

To assign the add-on to users, follow this procedure:

1. In SAP Business One, log on with a user that has superuser authorization. Log on to a company that has the integration solutions add-on installed.
2. In the SAP Business One *Main Menu*, choose *Administration* → *Add-Ons* → *Add-On Administration*.
The *Add-On Administration* window appears.
3. Select the *User Preferences* tab.
4. Select a user from the *Users* list.
5. Select the Intercompany add-on from the *Add-Ons* list.
6. In the *Preference* field, choose *Automatic* from the dropdown list.
The user preference is displayed next to the add-on.
7. Choose the *Update* button.

3.4 Add-On Installation on SAP Business One Client

Once the integration solutions add-on has been registered to a server, the add-on can be installed on the SAP Business One client. To initiate installation on the registered client machine, restart SAP Business One. When the client reconnects to the company database with the assigned add-on, the server automatically downloads the installer. The Intercompany add-on installer wizard appears. Follow the steps on the screen.

Caution

- After the add-on installer appears, you **must** complete the Intercompany add-on installation wizard steps within the available installation time (shown in the SAP Business One status bar). Otherwise, the system will automatically interrupt the procedure. In this case, you must restart the client again to install the add-on.
- If the wizard begins the installation and choose the *Cancel* button to interrupt the procedure, **wait for a system timeout** before using the SAP Business One application.

During initialization, you may receive the following system message:

“The database structure has been modified. To resume process all open windows will be closed. Continue?”

Choose the [Yes](#) button to close all windows and proceed with initialization. The message disappears when initialization is complete.

When initialization is complete, you receive the following system message: "The SAP Add-On Initialization completed successfully". Choose the [OK](#) button to restart the application. If you choose the [Cancel](#) button, you must restart SAP Business One manually before you can use the add-on.

The SAP Business One application performs the initialization process only once for each company database.



Caution

- Ensure that the integration solutions add-on log folder has read and write permission.
Log folder location is as follows:
`%PROGRAMDATA%\sap\SAP Business One\Log\SAP Business One\<Username>\Addon\IntegrationSolutions`
Where Username is logged in Username. For example - `C:\ProgramData\SAP\SAP Business One\Log\SAP Business One\Administrator\Addon\IntegrationSolutions`
- After installing the intercompany integration solution, you cannot use the Copy Express add-on in any of the company databases selected in the Landscape section of the Intercompany Administration Console.



Note

- In existing Intercompany installation with IC 2.0 PL 34, 35, and 36 Intercompany deployment is required to get the Intercompany menu item visible.
- In existing Intercompany installation with IC 2.0 PL 37 the menu item is always visible.
- In fresh installation with IC 2.0 PL 37 Intercompany Deployment is required to get the Intercompany menu item visible.

3.5 Upgrading from Previous Integration Solutions Add-On Releases

All requirements described in the [Prerequisites](#) section above are fulfilled!



Note

Before starting upgrade, you must remove the previously installed add-on with name `Intercompany` from the [Add-on Administration](#) window.

To perform the upgrade procedure, proceed as follows:

1. In SAP Business One, log on to a company with a user that has superuser authorization.
2. In the SAP Business One [Main Menu](#), choose [Administration](#) → [Add-Ons](#) → [Add-On Administration](#).
The [Add-On Administration](#) window appears.
3. Choose the [Register Add-On](#) button (below the list of [Available Add-Ons](#)).
4. Locate and select the add-on registration data file (*.ard) by choosing the (...) ([Browse](#)) button next to the [Registration Data File](#) field.

* = stands for the name of the add-on. The file for the integration solutions add-on is named `IntegrationSolutionsAddon.ard`.

5. If the *Installation Package* field is not filled automatically, locate and select the add-on installation package (*.exe) by choosing the (...) (*Browse*) button.


* stands for the name of the add-on. The file for the integration solutions add-on is named `IntegrationSolutionsAddon.exe`.

6. To assign the add-on to the current company, select the *Assign to Current Company* checkbox (this option is selected by default).
7. Choose the *OK* button.

In the *Add-On Administration* window, the name of the add-on appears in the list of *Company-Assigned Add-Ons*.

The add-on installation package has been uploaded to the SAP Business One server. The add-on is now available for all company databases on this server.

Note

Use  to move the order of the integration solutions add-on up the list of *Company-Assigned Add-Ons*.

8. In the *Company-Assigned Add-Ons* screen area, in the *Intercompany* add-on row, click on the arrow in the *Default Group* column and select *Automatic* from the dropdown list. Select the *Active* checkbox.
9. In the *Add-on Administration* window, choose the *Update* button.
10. In the *Add-on Administration* window, choose the *OK* button.
11. Close the SAP Business One application.
12. Open SAP Business One. Log on to a company with a user that has superuser authorization.
The add-on installation launches automatically.
13. In the *Welcome* window of the Intercompany Setup Wizard, choose the *Next* button.
The *Select Installation Folder* window is displayed. The folder field is populated with the default installation path.
14. To install the add-on to a different path, choose the (...) (*Browse*) button.
15. In the *Select Installation Folder* window, choose the *Install* button.
When the installation is finished, an *Installation Complete* window is displayed.
16. In the *Installation Complete* window, choose the *Finish* button.
A system message is displayed informing you that SAP Business One will close after installation.
17. In the system message window, choose the *OK* button.
18. Open SAP Business One. Log on to a company with a user that has superuser authorization.

The integration solutions add-on database script executes automatically, and the progress is displayed in the SAP Business One status bar.

Upon completion, a system message is displayed informing you that SAP Business One will close after add-on installation.

Caution

After upgrading the intercompany add-on ensure that integration solutions installer is also upgraded as per steps mentioned in the section 5.2 of this document.

3.6 Uninstalling the Integration Solutions Add-On


This section explains how to uninstall the integration solutions add-on.

Caution

Do not uninstall the integration solutions add-on if the add-on is in use in your company. Once you remove the software, you will no longer be able to utilize the intercompany integration solution features.

When you remove the add-on, the add-on installation package is removed from the SAP Business One server. When a client with the add-on installed subsequently connects to the server, the add-on is also removed from the client.

To uninstall the add-on, perform the following steps:

1. Open SAP Business One on a client with the add-on. Log on with a user that has superuser authorization. Log on to a company that has the add-on installed.
2. In the SAP Business One *Main Menu*, choose *Administration* → *Add-Ons* → *Add-On Administration*. The *Add-On Administration* window appears.
3. Select the *Company Preferences* tab.
4. To unassign the add-on, select the add-on in the *Company-Assigned Add-Ons* list. Choose  . The add-on is removed from the *Company-Assigned Add-Ons* list.
5. In the *Available Add-Ons* list, select *Intercompany Add-On*. Choose the *Remove Add-On* button. The add-on is removed from the list of *Available Add-Ons*.
The system will automatically launch the removal procedure the next time you start the SAP Business One application from a client that is connected to the server.
6. Open SAP Business One.
The *Windows Installer* window is displayed.
7. Choose the *Yes* button.

The add-on uninstallation is completed automatically.

Note

If you do not want to use the SAP Business One company database for Integration Hub transactions, perform the following:

- If you are using a Microsoft SQL database, remove the CTX_IC_SP_TransactionNotification stored procedure calling from SBO_SP_TransactionNotification.
- If you are using an SAP HANA database, remove the CTX_IC_SP_TRANSACTIONNOTIFICATION_DOC and CTX_IC_SP_TRANSACTIONNOTIFICATION_MASTER stored procedures from SBO_SP_TRANSACTIONNOTIFICATION.

3.7 Installing Integration Solutions Add-On on cloud environment

To see how to install the add-on on cloud control center (CCC) environment, please see the section “9.1 Enabling Add-Ons for Lightweight Deployment” in [SAP Business One Cloud Administrator's Guide](#).

4 Installing the Integration Solutions Installer

The Integration Hub and Intercompany Solution are two different solutions. Both can be installed separately or together using the configuration available in the Integration Solutions installer.

To install the intercompany integration solution, you need to run the integration solutions installer.

The integration solutions installer performs the following:

- Upload the intercompany integration solution scenario package to SAP Integration Framework 2.0
- Install the *Intercompany Administration Console*.

By default, the integration component for SAP Business One is installed on every instance of the SAP Business One server. If you are integrating SAP Business One companies running on multiple instances of SAP Business One servers, then you must install and configure the integration solutions scenarios on one instance of the integration component.

➔ Recommendation

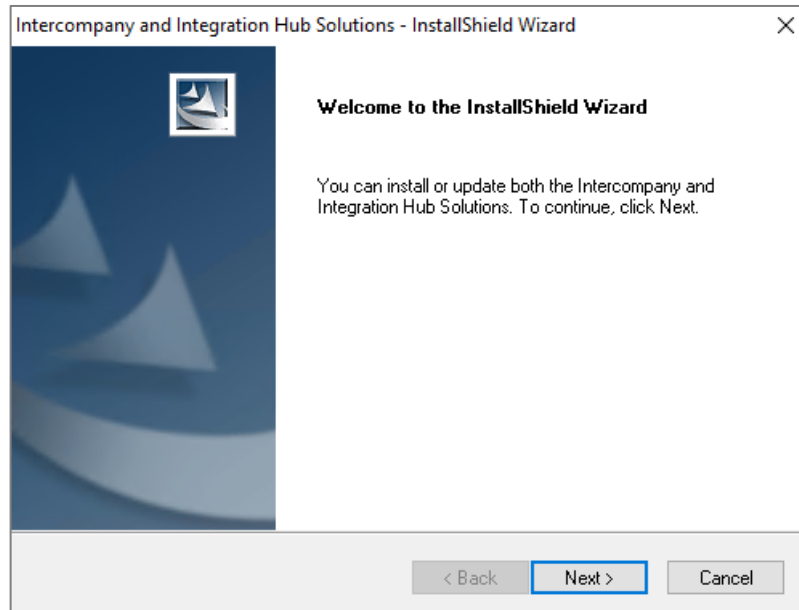
- Use the SAP Integration Framework 2.0 running on the instance of the head office company's SAP Business One server.
- Ensure that you have installed the integration solutions add-on for all branch and consolidation companies.

4.1 Installing the Integration Solutions Installer

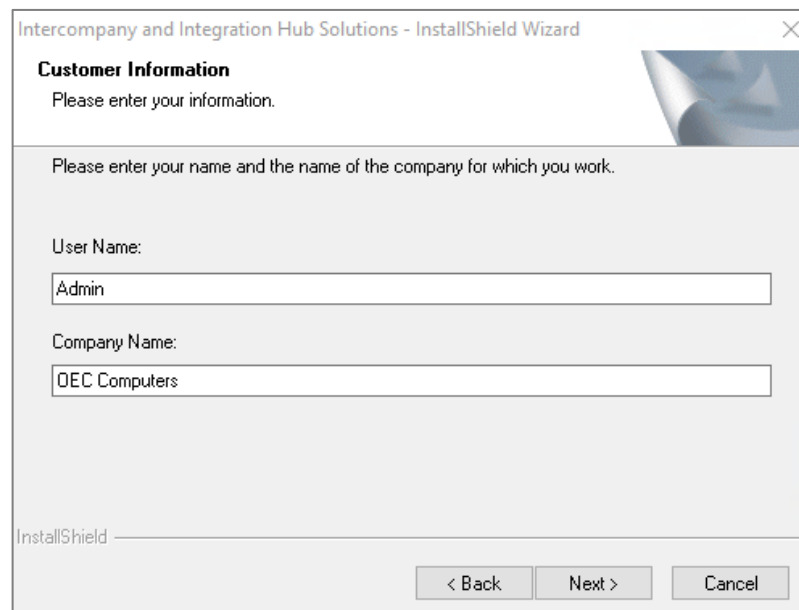
Follow the procedure below to install the Integration Solutions Installer:

1. Launch the Integration Solutions installer as Administrator by right-clicking the `IntegrationSolutions.exe` file.

The InstallShield wizard *Welcome* window appears.



2. In the InstallShield wizard Welcome window, choose the *Next* button.
3. In the *Customer Information* window, enter your user name and company name and choose the *Next* button.



4. In the *Database Connection Parameters* window, enter the following information and choose the Next button.
 - Database Type - Choose the database type from the dropdown list. Currently, only Microsoft SQL Server 2008, 2012, 2014, 2016, 2017, 2019 and SAP HANA DB are supported
 - Database server
The database server name is prepopulated by default.
 - Tenant Database
Enter the tenant database name. This is needed for Database type SAP HANA running on SAP B1 10.0.
 - Port
The default port for the Microsoft SQL Server (1433) and default port for the SAP HANA DB (30015) is prepopulated in this field.
 - Database name
Note that the database name is set by default to Landscape .
 - User name
 - Password

Intercompany and Integration Hub Solutions - InstallShield Wizard

Please specify database connection parameters

Database Type: SQL Server 2017

Database Server: HUB

Tenant Database:

Database Port: 1433

Database Name: LANDSCAPE

Database Username: sa

Database Password: ●●●●

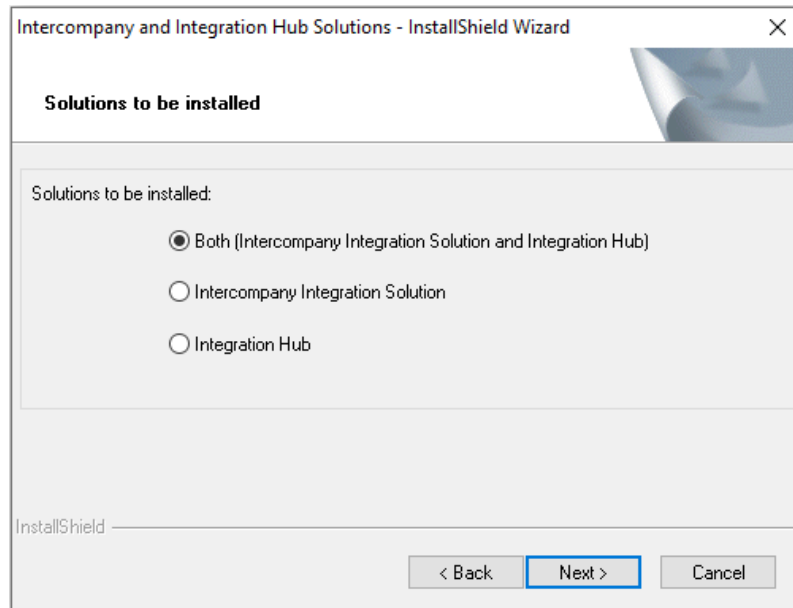
InstallShield

< Back Next > Cancel

5. In the *Solutions to be Installed* window, Select the solutions to be Installed and choose the *Next* button.
 - *Both (Intercompany Integration Solution and Integration Hub)*: Use this option to install the both Intercompany Integration Solution and Integration Hub Solution.
 - *Intercompany Integration Solution*: Use this option to install the Intercompany Integration Solution only.
 - *Integration Hub*: Use this option to install the Integration Hub only.

i Note

Based on the option selected the installer uploads the scenario package to the SAP Integration Framework 2.0.



6. In the *Connection Details and Installation Option* window, enter the following information and choose the *Next* button.
 - *Framework Server* – The framework server name is displayed by default.
 - *Framework HTTP Port* – The default HTTP port for the framework server (8080) is displayed in this field.
 - *Runtime User Name* – The default runtime user name is B1iadmin.

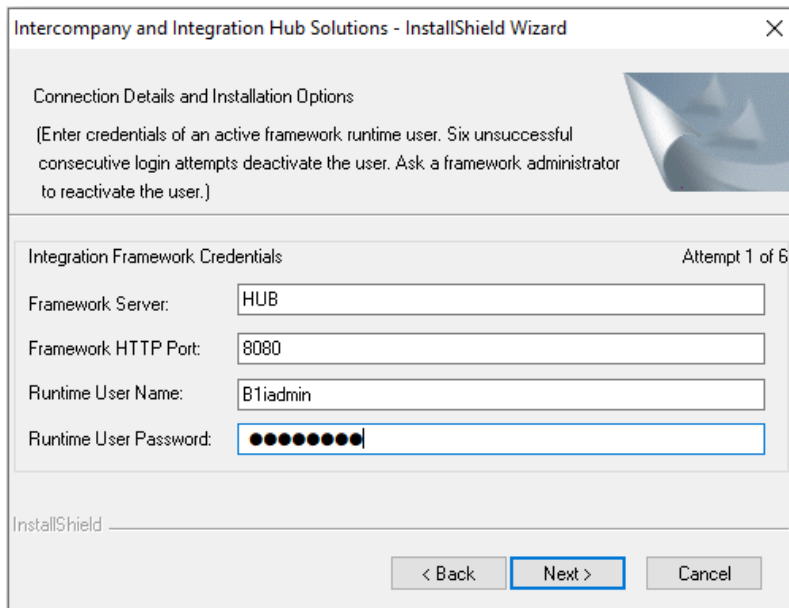
i Note

To ensure that the runtime user is active, check the B1iP Control Center.

- *Runtime User Password*

i Note

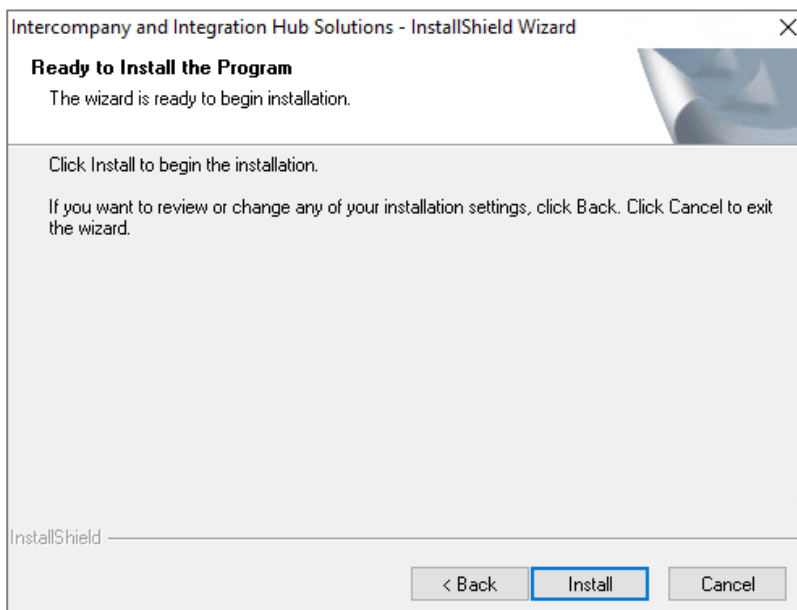
Entering an incorrect password for the runtime user six consecutive times will deactivate the runtime user. You can reactivate the runtime user in the B1iP Control Center.



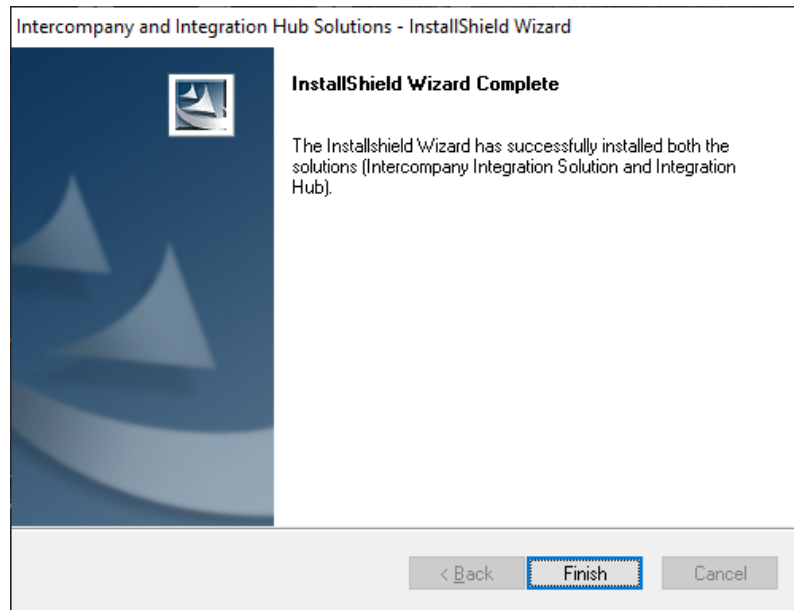
i Note

Upgrade of the intercompany integration solution from B1iF version 1.0 to B1iF version 2.0 must be done manually. To do so, in the Intercompany Administration Console, choose the *Setup* option in the top menu bar. In the left frame, choose the *Landscape* option, and on the *Intercompany Landscape* page, choose the *Upgrade to B1iF 2.0* button.

7. To start the installation process, in the *Ready to Install the Program* window, choose the *Install* button.



8. Choose the *Finish* button.



9. If the restart option is displayed in the window, select *Yes, I want to restart my computer now* and choose the *Finish* button.

i Note

If any problems or errors arise during installation, the setup can be restarted in maintenance mode. Maintenance mode repairs all relevant components.

4.2 Upgrading the Integration Solutions Installer

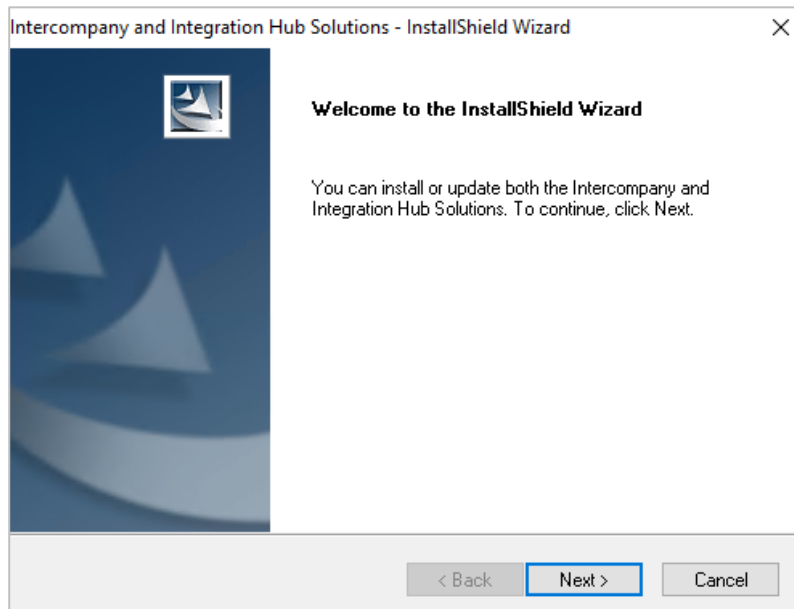
Before upgrading you must ensure that

- automatic Consolidation is not configured in the SAP Business One consolidation companies.
- all intercompany transactions have successfully replicated to all receiver companies and there is no message in *Integration Framework* → *Monitoring* → *Queue Monitor* waiting to be processed.
- all users are logged off from the participant SAP Business One companies.

Before upgrading the *Integration Solutions Installer* ensure that integration solutions add-on is already upgraded as per steps mentioned in the section 3.5 of this document.

If you are installing a **patch** for an existing installation or **upgrading** to a newer release, follow the steps below:

1. Launch the integration solutions installer by double-clicking the `IntegrationSolutions.exe` file. The InstallShield wizard *Welcome* window appears.



2. In the InstallShield wizard *Welcome* window, choose the *Next* button.

3. In the *Customer Information* window, enter your user name and company name and choose the *Next* button.

Intercompany and Integration Hub Solutions - InstallShield Wizard

Customer Information
Please enter your information.

Please enter your name and the name of the company for which you work.

User Name:

Company Name:

InstallShield

< Back Next > Cancel

4. In the *Database Connection Parameters* window, enter the following information and choose the *Next* button.
 - Database Type - Choose the database type from the dropdown list. Currently, only Microsoft SQL Server 2008, 2012, 2014, 2016, 2017, 2019 and SAP HANA DB are supported
 - Database server
Database server name is populated by default.
 - Tenant Database
Enter the tenant database name. This is needed for Database type SAP HANA running on SAP B1 10.0.
 - Port
The default port for Microsoft SQL Server (1433) and default port for the SAP HANA DB (30015) is prepopulated in this field.
 - Database name
The database name is set by default to Landscape .
 - User name
 - Password

5. In the *Solutions to be Installed* window, Select the solutions to be upgraded and choose the *Next* button.
- *Both (Intercompany Integration Solution and Integration Hub)*: Use this option to upgrade the both Intercompany Integration Solution and Integration Hub Solution.
 - *Intercompany Integration Solution*: Use this option to upgrade the Intercompany Integration Solution only.
 - *Integration Hub*: Use this option to upgrade the Integration Hub only.

i Note

Based on the option selected the installer upgrades the scenario package in the SAP Integration Framework 2.0

6. In the *Connection Details and Installation Option* window, enter the following information and choose the *Next* button.

- *Framework Server* – The framework server name is displayed by default.
- *Framework HTTP Port* – The default HTTP port for the framework server (8080) is displayed in this field.
- *Runtime User Name* – The default runtime user name is B1iadmin.

i Note

To ensure that the Runtime user is active, check the B1iP Control Center.

- *Runtime User Password*

i Note

Entering an incorrect password for the runtime user six consecutive times will deactivate the runtime user. You can reactivate the runtime user in the B1iP Control Center.

Intercompany and Integration Hub Solutions - InstallShield Wizard

Connection Details and Installation Options

(Enter credentials of an active framework runtime user. Six unsuccessful consecutive login attempts deactivate the user. Ask a framework administrator to reactivate the user.)

Integration Framework Credentials Attempt 1 of 6

Framework Server:

Framework HTTP Port:

Runtime User Name:

Runtime User Password:

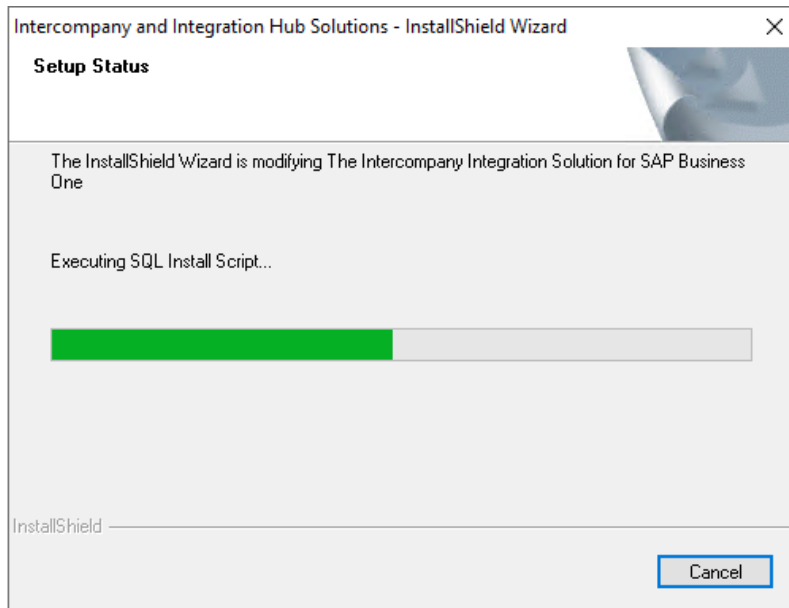
InstallShield

< Back **Next >** Cancel

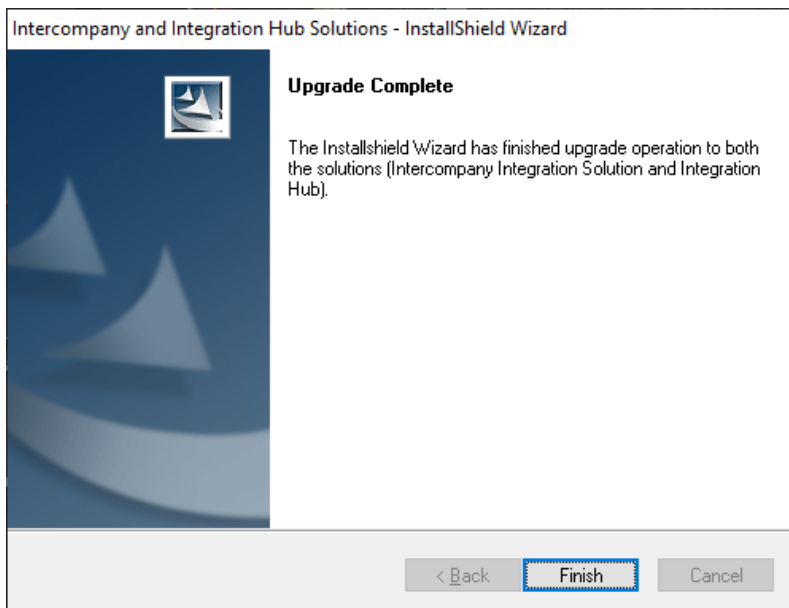
i Note

Upgrade of the intercompany integration solution from B1iF version 1.0 to B1iF version 2.0 must be done manually. To do so, in the Intercompany Administration Console, choose the *Setup* option in the top menu bar. In the left frame, choose the *Landscape* option, and on the *Intercompany Landscape* page, choose the *Upgrade to B1iF 2.0* button.

7. At this stage, the installer begins the upgrade process.



8. In the *Upgrade Complete* window, choose the *Finish* button.



- If the restart option is displayed in the window, select *Yes, I want to restart my computer now* and choose the *Finish* button.
- If you encounter any problems or errors during installation, the setup can be restarted in maintenance mode. Maintenance mode repairs all relevant components.
- After successfully completing the Integration Solutions Installer upgrade, you must ensure that the *Company Details* for each company listed in the *Intercompany Landscape* page is opened once and saved after verifying all branch details before deploying the solution.
- After successfully completing the Integration Solutions Installer upgrade, you must configure the *Allocation Accounts Scheduling* and *BP Balances Scheduling* on *Preferences* page.

4.2.1 Redeploying the Intercompany Integration Solution

After successfully completing the Integration Solutions Installer upgrade, you must deploy the intercompany integration solution once again from the Intercompany Administration Console.

For more information about deploying the intercompany integration solution, see [Setting up the Intercompany Integration Solution](#).

4.3 Removing the Integration Solutions Installer

This section explains how to remove the intercompany integration solution.

 **Caution**

Do not remove the intercompany integration solution if the add-on is in use in your company. Once you remove the software, you will no longer be able to utilize the intercompany integration solution features.

This procedure enables you to uninstall the intercompany integration solution:

1. In the Microsoft Windows environment, choose *Control Panel* → *Add/Remove Programs*.
2. Select the *Intercompany Integration Solution for SAP Business One* from the list.
3. Choose the *Uninstall* button.
4. To confirm, choose the *OK* button.

5 Configuration and Setup

This section describes the activities you are required to perform immediately after installing the intercompany integration solution for SAP Business One, including the following:

- Configurations in SAP Business One
- Setting up the intercompany integration solution

5.1 Configurations in SAP Business One

You must perform several initialization steps in each branch company assigned to the intercompany integration solution. The *Intercompany Initialization Wizard* will guide you through the steps required to initialize a company for the intercompany integration solution. For steps related to SAP Business One settings, the wizard opens the relevant windows in SAP Business One and highlights the pertinent fields in green.

To display this wizard, choose *Administration* → *Intercompany Implementation Wizard* → *Intercompany Initialization Wizard*. Follow the steps on the screen.

To open the online help documentation for intercompany integration solution at any step, press `shift + Esc`.

Alternatively, you may complete the initialization set up manually in SAP Business One by completing the following steps:

1. Set the same number of decimal place settings for all branch companies by choosing *Administration* → *System Initialization* → *General Settings* → *Display* tab.
2. Set the paths for the *Pictures* and *Attachments* folders by choosing *Administration* → *System Initialization* → *General Settings* → *Path* tab.
3. Check that the *Manage Freight in Documents* checkbox is enabled by choosing *Administration* → *System Initialization* → *Document Settings* → *General* tab.
4. Define the same set of currencies in each branch and consolidation company. Ensure that each *Currency Code* is correct and unique.
5. Define the encryption key by choosing *Administration* → *Setup* → *Intercompany* → *Encryption Key*. The encryption key is used to encrypt passwords recorded by the integration solutions add-on.
6. Enter the connection details for the integration server for SAP Business One by choosing *Administration* → *Setup* → *Intercompany* → *B1i Server Details*.

Alternatively, you can use the *Copy Initialization Setup* available in Intercompany Administration Console for performing the initialization setup in all companies. For more details, refer the Copy Initialization Setup section in this document.

5.2 Setting Up the Intercompany Integration Solution

Set up the intercompany integration solution by using the *Intercompany Administration Console* web application, which can be accessed on the machine on which the Integration Solutions Installer are installed. The *Intercompany Administration Console* is powered by the SAP Integration Framework 2.0 (B1if) and uses the user administration and authentication of B1if.

You must access the Administration Console using web browser as mentioned in the “GUI is improved for the Intercompany Administration Console/ Web browser requirements”.

To set up the intercompany integration solution follow the steps described in the following chapters:

5.2.1 Launch the Administration Console and Logon

The Administration Console menu and URL is accessible based on the solution to be installed option selected in the installer during Installation:

If user chooses,

- *Both (Intercompany Integration Solution and Integration Hub)*

To launch the Administration Console in a Microsoft Windows environment, choose *Start → All Programs → Intercompany and Integration Hub Solutions → Intercompany and Integration Hub Solutions*.

Alternatively, enter the following URL in the web browser address bar:

<http://<ServerAddress>:XXXX/B1iXcellerator/exec/dummy/com.cxs.b1i.ip0/bfd/OE.MyAccount.bfd?!>

Where:

<ServerAddress>: The address of the integration server for SAP Business One where the integration solutions Installer is installed.

XXXX = The port number assigned to the integration server for SAP Business One. The default port assigned to the integration server for SAP Business One is 8080

- *Intercompany Integration Solution*

To launch the Administration Console in a Microsoft Windows environment, choose *Start → All Programs → Intercompany Administration Console → Intercompany Administration Console*

Alternatively, enter the following URL in the web browser address bar:

<http://<ServerAddress>:XXXX/B1iXcellerator/exec/dummy/com.sap.b1ip.system.cc/bfd/AdminConsole.bfd?!defdoc=/com.cxs.b1i.ip0/xml/CC.intercompany.xml>

Where:

<ServerAddress>: The address of the integration server for SAP Business One where the integration solutions Installer is installed.

XXXX = The port number assigned to the integration server for SAP Business One. The default port assigned to the integration server for SAP Business One is 8080

 Note

- Do not enter the IP address (127.0.0.1) or **localhost** as the `<ServerAddress>`.
- The URL is case sensitive. Ensure that the capitalization of the URL matches the example above.
- For security reasons, you can use HTTPS for the session. On the server side, the communication protocol (HTTP or HTTPS) can be configured. On the client side, the user has the option to switch to the HTTPS protocol.

 Note

- Screenshots used in this guide are taken using *Intercompany Integration Solution* option in the Installer.

 Recommendation

It's recommended to use HTTPS.

To use the HTTPS protocol, you must first configure the communication protocol on the server side. See the *SAP Business One Administrator's Guide* on [SAP Help Portal](#).

At this time, the use of HTTPS is intended only for plain transport-level security purposes.

To use the HTTPS protocol for the Administration Console application, enter the following URL in the web browser address bar and press the enter key on the keyboard.

<https://<ServerAddress>:XXXX/B1iXcellerator/exec/dummy/com.sap.b1ip.system.cc/bfd/AdminConsole.bfd?!defdoc=/com.cxs.b1i.ipo/xml/CC.intercompany.xml>

Where:

`<ServerAddress>` = address of the integration server for SAP Business One on which you installed the Integration Solutions Installer.

 Caution

Do not enter the IP address or **localhost** as the `<ServerAddress>`.

XXXX with the HTTPS port number assigned to the integration server. The default port assigned to the integration server is 8443.

 Note

The system generates a self-signed certificate during the installation of the integration components for SAP Business One. When using the HTTPS protocol for the first time, the web browser will display a security warning. SAP recommends allowing the browser to accept this certificate to prevent such warnings in the future.

Alternatively, you can purchase certificates issued by a well-known certification authority.

1. Logon to the Administration Console
In the *B1i Administrative Logon* window, enter the user ID and password for an active *B1i* user and choose the *Logon* button.

- The default B1i user is `B1iadmin`.
- The user ID and password are case sensitive.

2. Administration Console Application

After successful logon, you will be able to access the Administration Console application.

Before proceeding with the Intercompany setup, ensure that a system landscape directory (SLD) entry exists in B1if for each SAP Business One company database which you would like to register in the intercompany solution and test the connection (both B1DI and JDBC) to all databases. See the *SAP Business One Administrator's Guide* on [SAP Help Portal](#).

- Locate the cursor on a field and a tooltip will appear displaying information about that item.
- The SAP Business One system automatically creates an SLD entry for each SAP Business One company database running on a local instance of the SAP Business One server. To set up the intercompany integration solution to include company databases on remote SAP Business One servers, you must manually register the remote company databases in the B1if SLD registration page (that is, the instances of the integration component running the Integration Solutions Installer).
- Before proceeding with the intercompany integration solution setup, ensure that you have installed the integration solutions add-on in each SAP Business One company database which you would like to include in the intercompany integration solution.



Recommendation

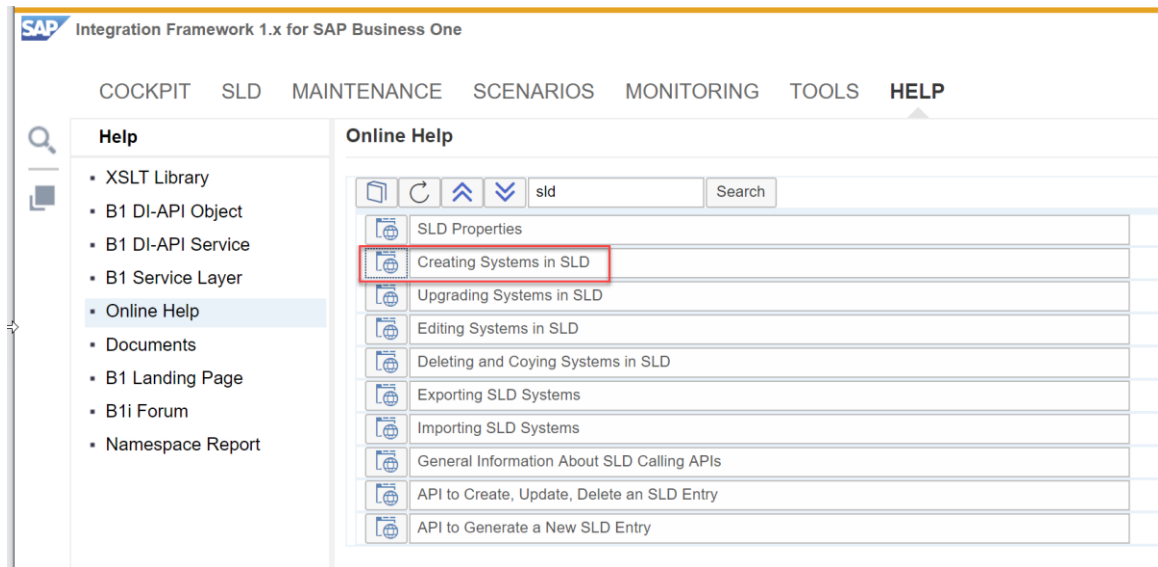
SAP strongly recommends

- using multiple DI proxy groups for better performance while replicating data across multiple SAP Business One companies.
- configuring separate DI Proxy for each level of Consolidation Company for optimal performance during consolidation process,

Refer to Note [WDF 1975033](#) for installation and configuration details and to chapter [Optimizing Performance](#) and [Using DI Proxy Groups](#) in this document.

5.2.2 Registering Company Databases

You must register all branch and consolidation companies on the [SLD](#) (system landscape registration) page. To register a company, follow the steps described in the [Online Help](#) of the SAP Integration Framework 2.0:



5.2.3 Configuring Remote SAP Business One Integration Servers

To set up the intercompany integration solution for multi-instances of SAP Business One servers, you must manually configure the B1 Event Subscriber.

For more information, see the *SAP Business One Administrator's Guide* on [SAP Help Portal](#).

5.2.4 Setting up E-Mail

This is not a mandatory step. You can skip this step if you do not wish to receive email alerts for Intercompany transactions.

1. In the top menu bar of the Administration Console, choose the [Setup](#) option.
2. In the left frame, choose the [E-mail Connectivity](#) option.
3. To set up the email transmission, enter the following connectivity details, and then choose the [\(Save\)](#) button.

Field Name	Description
Internet Proxy Host	If the B1i server connects to the SMTP server through a proxy server, enter the address of the proxy server in this field.
Internet Proxy Port	Enter the port number of the proxy server.

Field Name	Description
<i>SMTP Server for Sending E-Mails</i>	Specify the address of the outgoing mail server.
<i>SMTP Port for Sending E-Mails</i>	Specify the port for the outgoing mail server.
<i>SMTP User for Sending E-Mails</i>	Specify the user name for the outgoing mail server.
<i>SMTP Password for Sending E-Mails</i>	Specify the password for the outgoing mail server.

5.2.5 Company Template Configuration

This feature allows you to create custom company templates that can be assigned to branch companies in the Intercompany Landscape.

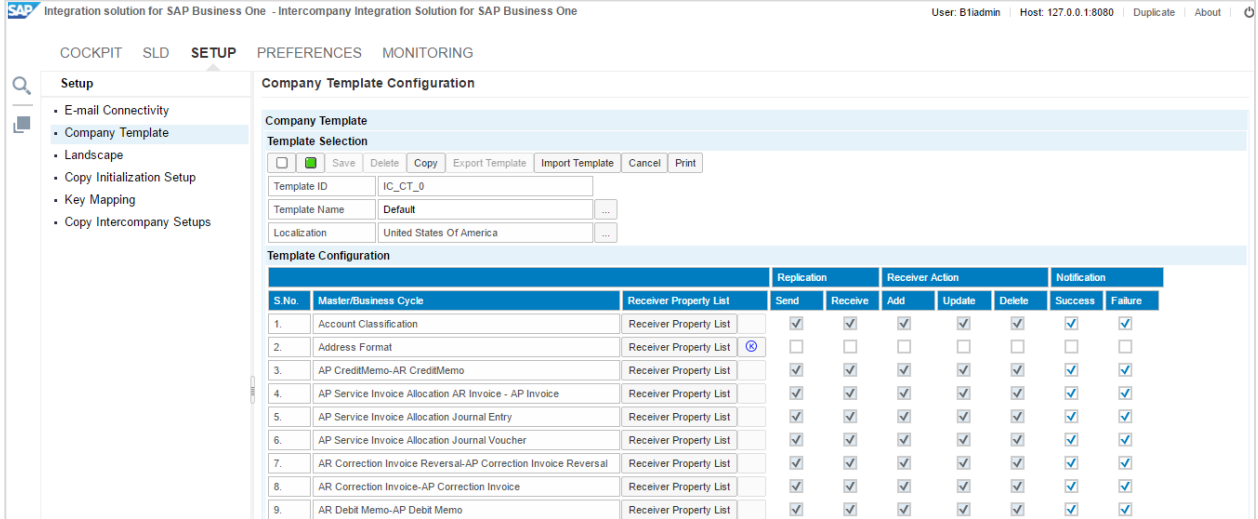
The company template defines the data replication parameters for each business object in the intercompany integration solution. When defining replication parameters, you can specify which business objects can be sent from or received in a SAP Business One company, the receiver actions available for those business objects (add, update and delete operations), and the business transaction notifications received for each object. For each business object, you can also specify the property list to be replicated to the SAP Business One company. However, the replication of some business objects and their properties are mandatory.

To set up the company template, follow the steps below:

1. In the top menu bar of the Administration Console, choose the *Setup* option.
2. In the left frame, choose the *Company Template* option.
The *Company Template Configuration* window is displayed.
On the *Company Template Configuration* page, the *Import Template* button is enabled to allow you to import saved company templates.
3. In the *Template Name* field, choose the (...) (*Browse*) button.
4. In the selection window, from the dropdown list in the *Choose Entry* field, select a *Default* or *General* template and then choose the *Select* button.
 - **Default Template:** use default template for the countries supported and localized by intercompany integration solution. For information on supported countries, refer the countries mentioned under *constraints* section in this document.
 - **General Template:** use general template for the countries that are not supported and localized by intercompany integration solution.
For more information on using the Intercompany Integration Solution for SAP Business One for Non-Localized Countries, see Note [WDF 2154976](#).
5. The *Template ID* field on the *Company Template Configuration* page loads automatically as 'IC_CT_0' for Default Template and 'IC_CT_00' for General Template.
6. If you select default template then in the *Localization* field, choose the (...) (*Browse*) button. For general template, the localization field displays 'General'
7. In the selection window, from the dropdown list in the *Choose Entry* field, select a localization and then choose the *Select* button.

The application displays the following message: "Loading template. This may take a few seconds". Choose the **OK** button.

The application loads and displays the *Template Configuration* window.



The following fields appear in the *Company Template Configuration* window:

Field	Description
<i>Template ID</i>	Displays the company template ID.
<i>Template Name</i>	Displays the company template name.
<i>Localization</i>	Displays the localization selected for the template. For general template, the localization field displays 'General'
<i>Master/Business Cycle</i>	Displays the list of masters and business cycles for configuration.
<i>Receiver Property List</i>	Choose this button to view the receiver property replication configuration. Note In the company template, icon indicates the master is key mapped.
<i>Replication: Send</i>	Select this checkbox to send the business object event from the SAP Business One company.
<i>Replication: Receive</i>	Select this checkbox to receive the business object event in the recipient SAP Business One company.
<i>Receiver Action: Add</i>	Select this checkbox to receive the add action event in the recipient SAP Business One company.
<i>Receiver Action: Update</i>	Select this checkbox to receive the update action event in the recipient SAP Business One company.
<i>Receiver Action: Delete</i>	Select this checkbox to receive the delete action event in the recipient business one company.
<i>Notification: Success</i>	Select this checkbox to receive success notifications from the intercompany integration solution in the recipient SAP Business One company.

Field	Description
<i>Notification: Failure</i>	Select this checkbox to receive failure notifications from the intercompany integration solution in the recipient SAP Business One company.

- To make a copy of the default or general template before making any changes to it, in the *Template Selection* area, choose the *Copy* button. Alternatively, select any checkbox in the default or general template, and then accept the following system message "Default or General template cannot be modified. Would you like to make a copy of this template for customization?".

The application loads and displays the copy of the default or general template in *Template Configuration* table.

S.No	Master/Business Cycle	Receiver Property List	Replication		Receiver Action			Notification	
			Send	Receive	Add	Update	Delete	Success	Failure
1.	Account Classification	Receiver Property List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Address Format	Receiver Property List	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	AP CreditMemo-AR CreditMemo	Receiver Property List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.	AP Service Invoice Allocation AR Invoice - AP Invoice	Receiver Property List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5.	AP Service Invoice Allocation Journal Entry	Receiver Property List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.	AP Service Invoice Allocation Journal Voucher	Receiver Property List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7.	AR Correction Invoice Reversal-AP Correction Invoice Reversal	Receiver Property List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8.	AR Correction Invoice-AP Correction Invoice	Receiver Property List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.	AR Debit Memo-AP Debit Memo	Receiver Property List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10.	AR Invoice-AP Invoice	Receiver Property List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11.	AR Reserve Invoice-AP Reserve Invoice	Receiver Property List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12.	Bank	Receiver Property List	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13.	Bank Charges Allocation Codes	Receiver Property List	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14.	Beverage Combination	Receiver Property List	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.	Beverage Group	Receiver Property List	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.	Bill of Materials	Receiver Property List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17.	BP Priority	Receiver Property List	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- To check the configuration status of the template, choose (*Configuration Status*). If you have configured the properties, the configuration status icon turns green ().
- To check the consistency of the template, choose (*Consistency Check*).
- To save the company template, choose the *Save* button.
- To delete the company template, choose the *Delete* button.
- To copy the company template, choose the *Copy* button.
- To export the company template, choose the *Export Template* button.
- To import the company template, choose the *Import Template* button.
- To print the company template data, choose the *Print* button.
- To close the company template, choose the *Cancel* button.

- To change the template name, in the *Template Selection* section, choose the *Template Name* field and enter the new template name. Choosing the *Save* button.

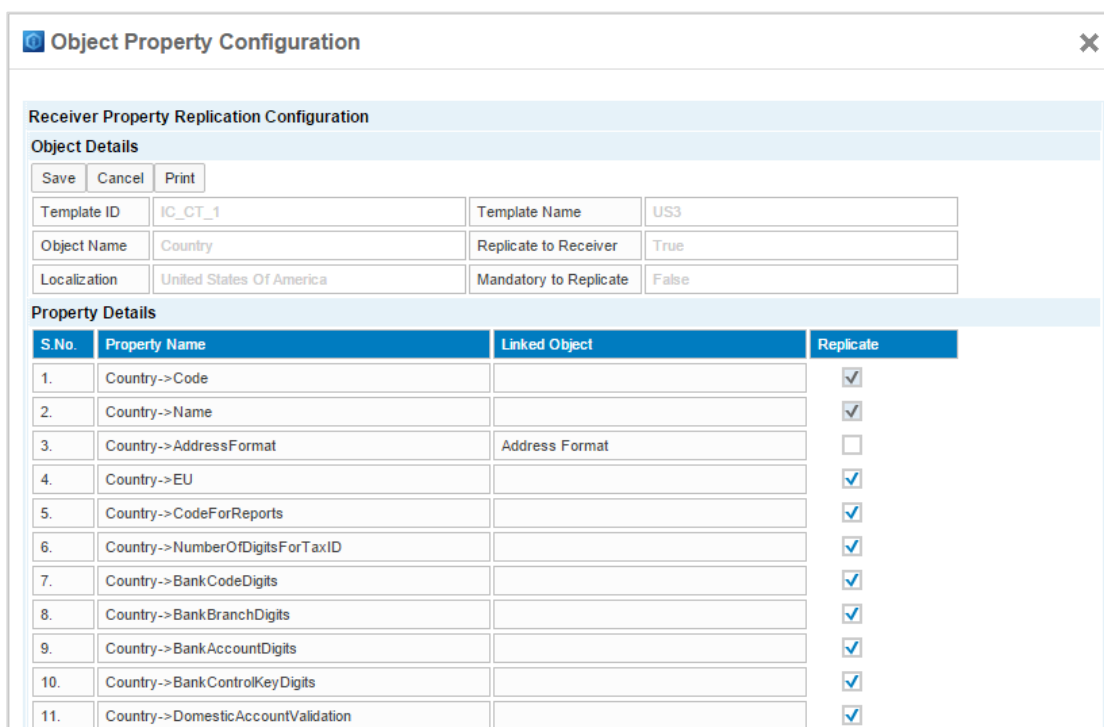
The application displays the *Linked Object and Properties Configuration* window. Choose the *Close* button to close the *Linked Object and Properties Configuration* window.

- The application may take some time to display the *Template Configuration* table.
- To configure the master/business cycle properties for replication, in the *Template Configuration* table, choose the *Receiver Property List* button.

The application displays the *Object Property Configuration* window.

Example

If you choose the *Receiver Property List* button for the country master, the window displays the list of properties available for replication. Properties with a selected checkbox in the *Replicate* column are currently replicating.



The screenshot shows the 'Object Property Configuration' window. It has a title bar with a close button. Below the title bar is a section for 'Receiver Property Replication Configuration' with 'Object Details' sub-section. This sub-section contains a grid with fields: Template ID (IC_CT_1), Template Name (US3), Object Name (Country), Replicate to Receiver (True), Localization (United States Of America), and Mandatory to Replicate (False). Below this is the 'Property Details' section, which is a table with columns: S.No., Property Name, Linked Object, and Replicate. The table lists 11 properties, with checkboxes in the 'Replicate' column. Properties 1 through 11 are: Country->Code, Country->Name, Country->AddressFormat (linked to Address Format), Country->EU, Country->CodeForReports, Country->NumberOfDigitsForTaxID, Country->BankCodeDigits, Country->BankBranchDigits, Country->BankAccountDigits, Country->BankControlKeyDigits, and Country->DomesticAccountValidation. Checkboxes are checked for all properties except 'Country->AddressFormat'.

S.No.	Property Name	Linked Object	Replicate
1.	Country->Code		<input checked="" type="checkbox"/>
2.	Country->Name		<input checked="" type="checkbox"/>
3.	Country->AddressFormat	Address Format	<input type="checkbox"/>
4.	Country->EU		<input checked="" type="checkbox"/>
5.	Country->CodeForReports		<input checked="" type="checkbox"/>
6.	Country->NumberOfDigitsForTaxID		<input checked="" type="checkbox"/>
7.	Country->BankCodeDigits		<input checked="" type="checkbox"/>
8.	Country->BankBranchDigits		<input checked="" type="checkbox"/>
9.	Country->BankAccountDigits		<input checked="" type="checkbox"/>
10.	Country->BankControlKeyDigits		<input checked="" type="checkbox"/>
11.	Country->DomesticAccountValidation		<input checked="" type="checkbox"/>

The following fields appear in the *Object Property Configuration* window:

Field	Description
<i>Object Name</i>	Displays the object name.
<i>Replicate to Receiver</i>	Indicates whether the current object is replicating to the receiver (True) or not replicating to the receiver (False).
<i>Mandatory to Replicate</i>	Displays whether the current object is required to replicate (True) or not required to replicate (False).
<i>Property Name</i>	Displays the list of property names for the object.
<i>Linked Object</i>	Displays the object that is linked to the property. In the country master, the address format property is shown as a linked object to the address master.
<i>Replicate</i>	Select this checkbox to enable the property replication. Mandatory properties are selected by default.

11. In the *Object Property Configuration* window, select the properties you want to configure for replication and choose the *Save* button.

In the *Object Property Configuration* window, note the following:

- If you select a property for a sub-object such as contact persons or addresses of business partners, the mandatory properties of the sub-object are automatically selected as well.
- If you select a property which is linked to an object, the linked object master is automatically selected as well.

Example

When you choose the *Receiver Property List* button for the country master, in the *Object Property Configuration* window, selecting the address format property will cause the address format master in the *Template Configuration* table to be automatically selected.

If you deselect a property which is linked to an object, the linked object master will **not** be automatically deselected. If you do not want to replicate the master, you must manually deselect the master in the *Template Configuration* table.

12. To send the business object event from the SAP Business One company, in the *Company Template Configuration* window, in the *Template Configuration* table, in *Replication* column, select the *Send* checkbox.
13. To receive the business object event in the recipient SAP Business One company, in the *Template Configuration* table, in *Replication* column, select the *Receive* checkbox.
 - In the *Template Configuration* table, if you select the *Receive* checkbox, the application automatically selects the *Receiver Action* and *Notification* field checkboxes. You can deselect the checkboxes if required.
 - In the *Template Configuration* table, if you select the *Receive* checkbox for a master and a mandatory property for the master is linked to the object master, the application displays a message requiring you to confirm whether you want to mark the linked object master for replication. Choose the *OK* button.

The application selects the checkboxes for the linked object master.

Example

In the house bank master, the BankKey property is a mandatory property linked to the bank master. If you select the *Receive* checkbox for the house bank master, the application displays the following message "This master also requires the bank master to be marked for replication.

- Do you want to continue?" If you choose the *OK* button, the application selects the *Receive* checkbox for the bank master.
- If you deselect the *Receive* checkbox in the *Replication* column or the *Add* checkbox in the *Receiver Action* for a master, the following system message is displayed: "This action requires current changes in the company template to be saved. Do you want to continue?". To save the changes you previously made to the template, choose the *OK* button. In the window for the following system message: "Preparing linked object and property list. This may take few seconds.", choose the *OK* button.

The application displays the *Linked Object and Properties Configuration* window, which displays the objects and properties to be disabled because of deselecting the *Receive* checkbox for a master.

Linked Object and Properties Configuration

Refresh!

Save Rollback Cancel Print

Objects to be disabled based on your selection

S.No.	Template	Object Name	Result
1.	US3	Bank	<input type="checkbox"/>
2.	US3	Country	<input type="checkbox"/>
3.	US3	County	<input type="checkbox"/>
4.	US3	State	<input type="checkbox"/>

Properties to be disabled based on your selection

S.No.	Template	Object Name	Property Name	Result
1.	US3	AP CreditMemo-AR CreditMemo	AddressExtension->ShipToCountry	<input type="checkbox"/>
2.	US3	AP CreditMemo-AR CreditMemo	AddressExtension->BillToCountry	<input type="checkbox"/>
3.	US3	AP CreditMemo-AR CreditMemo	AddressExtension->ShipToCountry	<input type="checkbox"/>
4.	US3	AP CreditMemo-AR CreditMemo	AddressExtension->BillToCounty	<input type="checkbox"/>
5.	US3	AP CreditMemo-AR CreditMemo	AddressExtension->ShipToState	<input type="checkbox"/>
6.	US3	AP CreditMemo-AR CreditMemo	AddressExtension->BillToState	<input type="checkbox"/>
7.	US3	AP Service Invoice Allocation AR Invoice - AP Invoice	AddressExtension->ShipToCountry	<input type="checkbox"/>
8.	US3	AP Service Invoice Allocation AR Invoice - AP Invoice	AddressExtension->BillToCountry	<input type="checkbox"/>

- To save the deselection, choose the *Save* button.
- To reset the master deselection, choose the *Rollback* button.
- To print the results displayed in the *Linked Objects and Properties Configuration* window, choose the *Print* button.
- To ignore any changes and close the window, choose the *Cancel* button.

After you choose the *Save* button, the application disables the master objects and properties display in the *Linked Object and Properties Configuration* window.

Note

It may take some time for the application to display the refresh status.

Linked Object and Properties Configuration

Refresh!

Save Rollback Cancel Print

Objects to be disabled based on your selection

S.No.	Template	Object Name	Result
1.	US3	Bank	04/03/2015 - 15:48:38
2.	US3	Country	04/03/2015 - 15:48:38
3.	US3	County	04/03/2015 - 15:48:42
4.	US3	State	04/03/2015 - 15:48:42

Properties to be disabled based on your selection

S.No.	Template	Object Name	Property Name	Result
1.	US3	AP CreditMemo-AR CreditMemo	AddressExtension->ShipToCountry	04/03/2015 - 15:48:43
2.	US3	AP CreditMemo-AR CreditMemo	AddressExtension->BillToCountry	04/03/2015 - 15:48:45
3.	US3	AP CreditMemo-AR CreditMemo	AddressExtension->ShipToCountry	04/03/2015 - 15:48:48
4.	US3	AP CreditMemo-AR CreditMemo	AddressExtension->BillToCounty	04/03/2015 - 15:48:50
5.	US3	AP CreditMemo-AR CreditMemo	AddressExtension->ShipToState	04/03/2015 - 15:48:53
6.	US3	AP CreditMemo-AR CreditMemo	AddressExtension->BillToState	04/03/2015 - 15:48:56
7.	US3	AP Service Invoice Allocation AR Invoice - AP Invoice	AddressExtension->ShipToCountry	04/03/2015 - 15:48:43
8.	US3	AP Service Invoice Allocation AR Invoice - AP Invoice	AddressExtension->BillToCountry	04/03/2015 - 15:48:45

In the *Linked Object and Properties Configuration* window, when all objects and properties are successfully disabled, the icon is displayed in the *Result* field and the date and time is displayed.

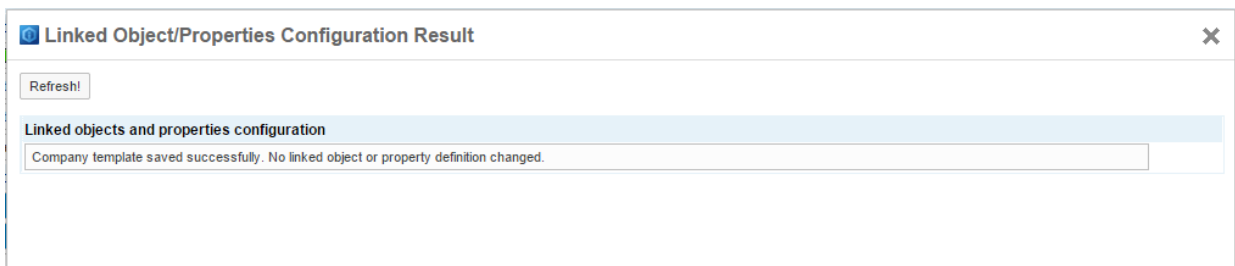
14. To close the *Linked Object and Properties Configuration* window, choose the *Close* button.

The application may take some time to display the *Template Configuration* table.

15. To receive add, update, and delete actions events in the recipient company, in the *Template Configuration* table, in the *Receiver Action* field, select the relevant checkboxes (*Add*, *Update*, or *Delete*).

In *Template Configuration* table, note the following:

- Selecting the *Add* checkbox in the *Receiver Action* field automatically selects the *Receive* checkbox in the *Replication* field and the *Notification* field checkboxes.
 - Selecting the *Update* checkbox in the *Receiver Action* field automatically selects the *Receive* checkbox in the *Replication* field, the *Add* checkbox in the *Receiver Action* field, and the *Notification* field checkboxes.
 - Selecting the *Delete* checkbox in the *Receiver Action* field automatically selects the *Receive* checkbox in the *Replication* field, the *Add* checkbox in the *Receiver Action* field, and the *Notification* field checkboxes.
16. To receive success and failure notifications in the recipient company, in the *Template Configuration* table, in the *Notification* field, select the *Success* and *Failure* checkboxes.
 - In *Template Configuration* table, selecting the *Success* checkbox in the *Notification* field automatically selects the *Receive* checkbox in the *Replication* field and the *Receiver Action* field checkboxes.
 - In *Template Configuration* table, selecting the *Failure* checkbox in the *Notification* field automatically selects the *Replication* field checkboxes and the *Receiver Action* field checkboxes.
 17. To save the template, in *Company Template Configuration* window, choose the *Save* button.
The application displays the *Linked Object and Properties Configuration* window.



18. To close the *Linked Object and Properties Configuration* window, choose the *Close* button.
The application may take some time to display the *Template Configuration* table.
When you assign the company template in the *Company Details* section on the *Intercompany Landscape* page to the branch companies, application will replicate the common business object enabled for replication in the sender and receiver companies.

5.2.6 Landscape

The Intercompany Integration solution supports the Multiple landscape environment after upgrading the solution to B1if 2.0. For details on upgrade, refer to

- Section [Upgrading the Intercompany Solution from B1if 1.x to B1if 2.0](#) in this document
- Clip – [Migration of the Intercompany Integration Solution to B1if Version 2.0](#)
- Clip – [Multiple Landscapes](#)

To set up the Intercompany Landscape, in the Administration Console, in the top menu bar, choose the [Setup](#) option. In the left frame, choose the [Landscape](#) option.

To use the [Financial Consolidation](#) feature of the intercompany integration solution for SAP Business One, you must create a new SAP Business One company for consolidation reporting. Based on the number of levels in your reporting hierarchy, you must create an equal number of SAP Business One companies for multi-level consolidation reporting.



Caution

Before accessing the Intercompany landscape page in the Administration Console, ensure that the local and system currency have been configured correctly in all intercompany databases including Consolidation Company.

Intercompany Integration solution supports the Multiple landscape environment after upgrading the solution to B1if 2.0.








The application may take some time to display the list of SAP Business One companies.

Action	System Name	Server	Database	DbType	Localization	IC Branch Code	Operation	Company Template	Info
<input type="checkbox"/>	SBODemoBR	CTX-PANKAJS	SBODemoBR	SQL	-	-	-	-	
<input type="checkbox"/>	SBODemoIN	CTX-PANKAJS	SBODemoIN	SQL	-	-	-	-	
<input type="checkbox"/>	SBODemoUS	CTX-PANKAJS	SBODemoUS	SQL	-	-	-	-	
<input type="checkbox"/>	HO_INDIA	CTX-PANKAJS	HO_INDIA	SQL	India	-	-	-	
<input type="checkbox"/>	Branch_1_India	CTX-PANKAJS	Branch_1_India	SQL	India	-	-	-	
<input type="checkbox"/>	Consolidation_India	CTX-PANKAJS	Consolidation_India	SQL	India	-	-	-	
<input type="checkbox"/>	ACME_NY	CTX-PANKAJS	ACME_NY	SQL	United States Of America	-	-	-	
<input type="checkbox"/>	ACME_TX	CTX-PANKAJS	ACME_TX	SQL	United States Of America	-	-	-	
<input type="checkbox"/>	ACME_CA	CTX-PANKAJS	ACME_CA	SQL	United States Of America	-	-	-	
<input type="checkbox"/>	AGRP_CON	CTX-PANKAJS	AGRP_CON	SQL	-	-	-	-	
<input type="checkbox"/>	AORG_CON	CTX-PANKAJS	AORG_CON	SQL	United States Of America	-	-	-	



On the [Intercompany Landscape](#) page, in the [Company Registration](#) table,

- the [Summary_View](#) area displays a summary of the company's setup in the Intercompany Landscape.

- On the *Intercompany Landscape* page, in the *Company Registration* table, in the *Info* field, the following icons are displayed to indicate the company type:

-  Head Office
-  Branch
-  Consolidation
-  Not registered in the intercompany integration solution
-  Consolidation Hierarchy Chart
-  Company details have been modified; solution deployment is still pending
-  Template Company

In the *Company Registration* table, note the following:

- The *Localization* field displays a hyphen (-) for systems in which the Intercompany add-on is not installed.
- Choose the  (*Deployment Status*) icon to display the deployment status of the intercompany integration solution.
- Choose the  (*Consolidation Hierarchy Chart*) icon to display the consolidation hierarchy chart.
- Choose *Delete Deployment* button to delete the existing deployment. It also deletes the events subscription for SAP Business One events.
- Choose the *Deactivate Deployment* button to deactivate the existing deployment.

To set up the Intercompany Landscape, follow the steps below:

- On the *Intercompany Landscape* page, in the *Company Registration* table, in the *Action* column, select the checkbox next the systems that you want to register in the intercompany integration solution.
 - Choose the
 - Refresh Companies* button to refresh all selected companies' details. You must always choose the refresh companies button at least once in fresh as well as after upgrading intercompany solution.
 - Select All* button to select all systems.
 - Deselect All* button to deselect all systems.
 - To remove (deactivate) a company configured in the intercompany integration solution, deselect the checkbox in the *Action* field next to the relevant system.
 - In case there is a change in Local Currency or System Currency for any participating branch company, choose the Refresh Companies button to refresh all companies' details.

Caution

Once a company is removed from the intercompany integration solution, it cannot be added again. The checkbox in the *Active* field next to the relevant *System Name* field will be disabled for deactivated companies.

- For each system you have selected, in the *Action* field, choose the (...) (*Browse*) button.

Recommendation

Start with the higher level of Consolidation Company.

- In the *Company Details* area of the window, enter the following details:

Choose the *Refresh Company* button to refresh the company details.

The following fields are displayed in the *Company Details* area:

Field Name	Description
<i>IC Branch Code</i>	IC Branch code is a unique code allocated to each branch or consolidation company. Enter the IC branch code allocated to the branch or consolidation company. Ensure that this code does not contain any spaces or special characters, except for a hyphen (-) or an underscore (_), and it does not start with numeric character.
<i>Company Template</i>	Choose the (...) (<i>Browse</i>) button. From the dropdown list, choose a company template. The default or general company template for the localization is prepopulated in their field.
<i>Company Type</i>	Choose the (...) (<i>Browse</i>) button. From the dropdown list, choose a company type. Select an company type for the company from the following options: <i>Head Office, Branch, Consolidation</i> or <i>Template</i> You must define at least one head office company and one branch company. If you plan to use the <i>Financial Consolidation</i> module, you need to define a consolidation company.
<i>Operation</i>	This setting is required for the <i>Service</i> module. Select an operation type for the company from the following options: <i>Sales, Service, or Sales and Service</i> . Contract templates, customer equipment card, and service contracts are replicated from sales companies to service companies.
<i>Consolidation Details: Consolidation Company</i>	Display the list of consolidation companies defined in the landscape.
<i>Consolidation Source</i>	This field indicates whether the financial data for consolidation is to be retrieved in the system currency or the company's local currency. Choose the (...) (<i>Browse</i>) button, and from the dropdown list, choose either the <i>System</i>

Field Name	Description
	<i>Currency</i> or <i>Consolidation Currency</i> option. If you choose the <i>System Currency</i> option, the system assumes that the system currency is the same as the consolidation currency.
<i>Consolidation Percentage</i>	<p>This field indicates the percentage of shares that the organization holds in the company. Enter a percentage to indicate how much of each account for this company should be included in the consolidation.</p> <p>i Note</p> <ul style="list-style-type: none"> Do not enter the percent sign (%). For example, if the consolidation percentage is 50 percent, enter 50. For a Branch company, total consolidation % for all consolidation companies should not be greater than 100.

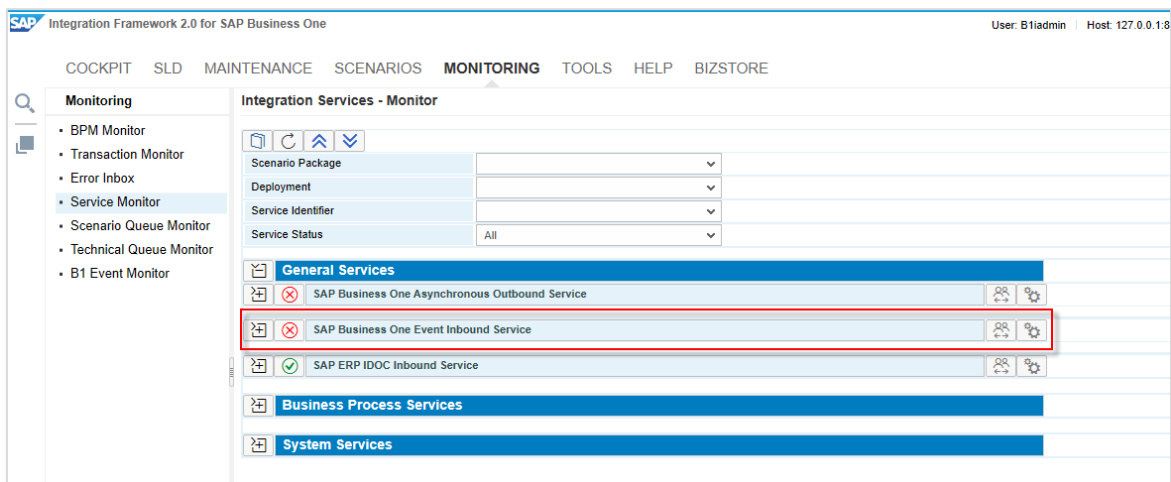
5.2.6.1 Upgrading the Intercompany Solution from B1if 1.x to B1if 2.0


For migration from B1if Version 1.x to B1if Version 2.0 please refer to the clip – [Migration of the Intercompany Integration Solution to B1if Version 2.0](#)


Migration Process:

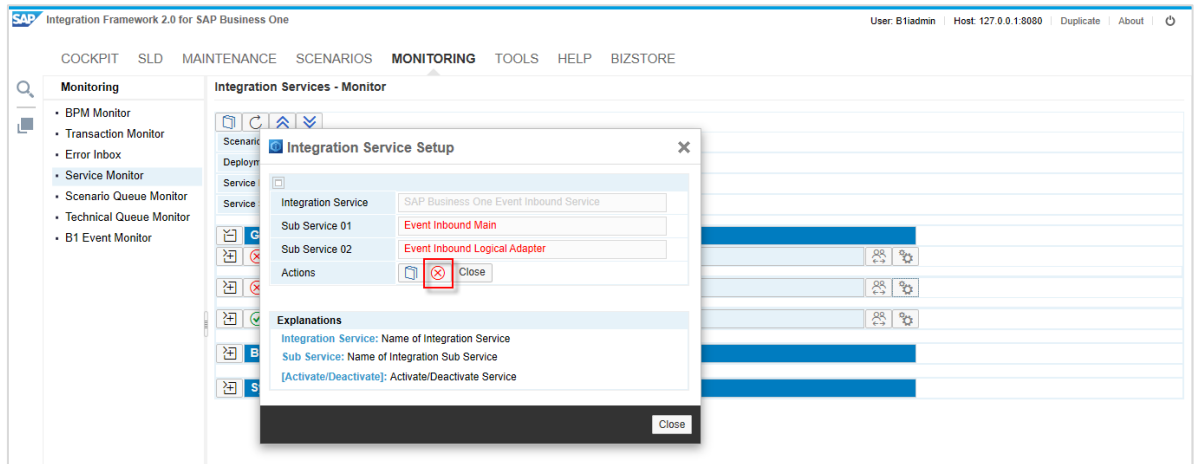
- Import the mandatory package to run the Intercompany solution on B1if 2.0 (PL09) as mentioned in the Note [WDF 2779982](#).
- Restart the *SAP Business One Event Inbound Service* of the Integration Framework before deploying the solution in Integration Framework 2.0.

To open the SAP Business One Event Inbound Service, In the top menu bar of Integration Framework 2.0, Choose the *Monitoring* option. In the Left frame choose the *Service Monitor* option.



In Integration Services – Monitor, Choose  icon (Configure Integration Service), *Integration Service Setup* screens appears.

In the Integration Service Setup , choose  icon to *Deactivate* the service. And click again on this icon to *Activate* the service.



- Define the SLD category.

To create the SLD category, follow the steps below:

1. In the top menu bar of the *Administration Console*, choose the *SLD* option.
2. On the left frame of the *SLD* page, Right click on B1i Server and choose the *Create Category* option.

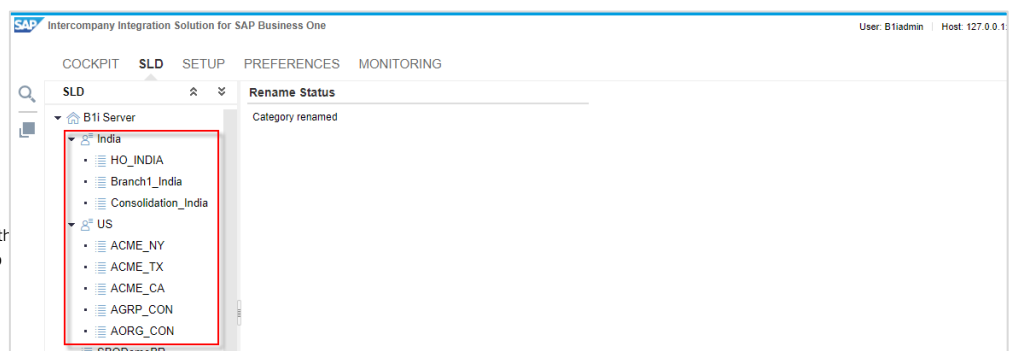
Caution

Ensure that the category name does not contain any alphanumeric character, spaces or special characters, hyphen (-) or an underscore (_), and it does not start with numeric character.

3. After creating the category, assign the SLD entries under the category.

Note

Assign only the SLD entries under the category that you would like to configure in the Intercompany Landscape.



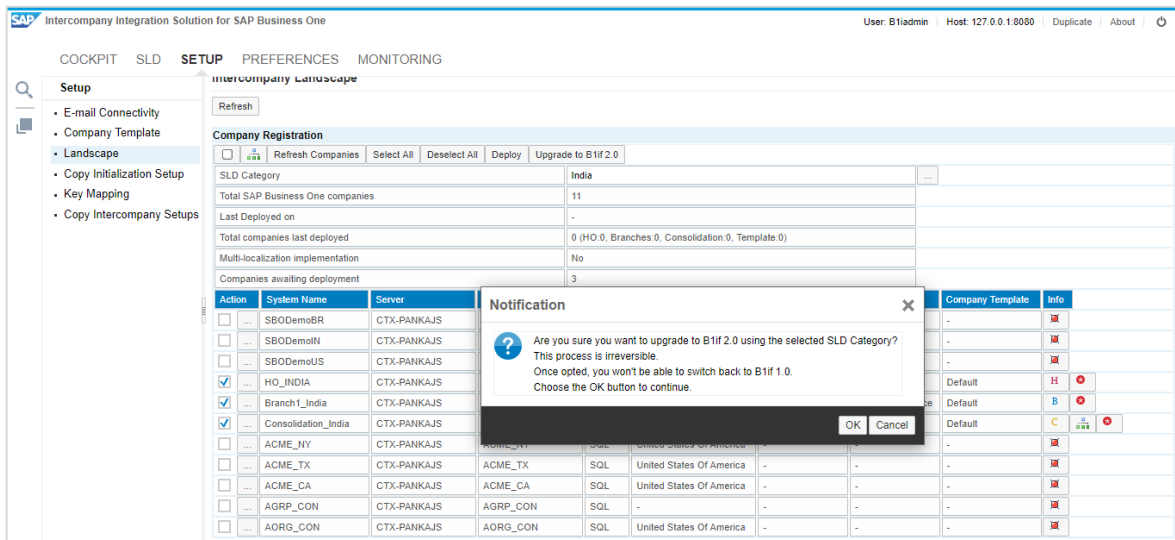
Once SLD Category is created and the SLD's are defined under the category, select the relevant category in the *SLD Category* field in the *Company Registration* page of Intercompany Landscape.

To upgrade the system from B1if 1.x to B1if 2.0, go to the Intercompany Landscape (In the Administration Console, in the top menu bar, choose the *Setup* option. In the left frame, choose the *Landscape* option). In the company registration page, select the relevant SLD Category and choose the *Upgrade to B1if 2.0* button.

On prompt window, choose *OK*.

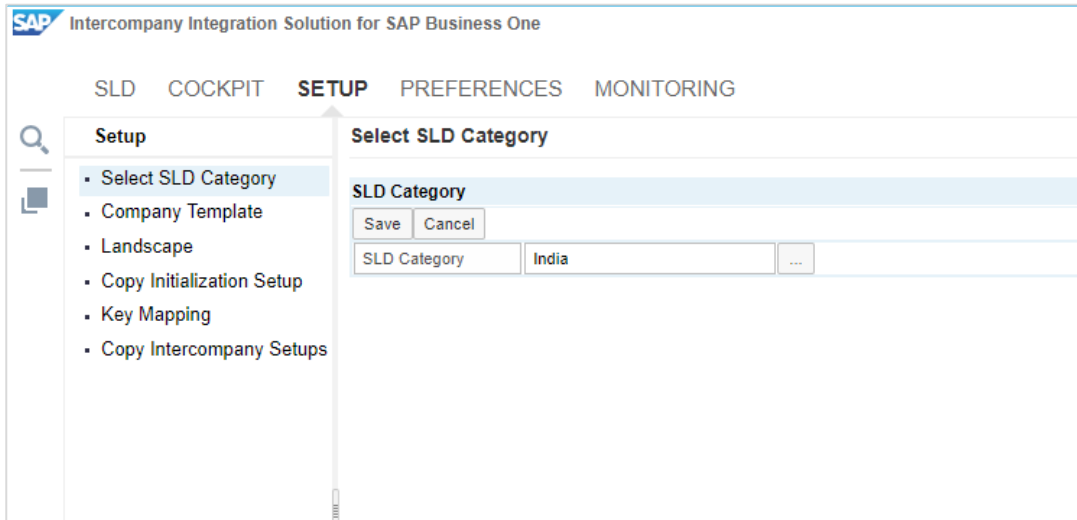
Note

The application may take some time in the upgrade process.



- After the upgrade process a restart of the Integration Services is required.
- Reglog to the *Intercompany Integration Console*, then choose the default SLD Category (In the Administration Console, in the top menu bar, choose the *Setup* option. In the left frame, choose the *Select SLD Category* option) and Choose *Save*.

This SLD category will be selected by default on each setup. Otherwise, you can select the required SLD Category on each setup.



Afterwards, perform the landscape setup steps as mentioned in the [Landscape](#) section of this guide.

5.2.7 Deploy

To deploy and initialize the intercompany integration solution, in the [Company Registration](#) table (in the [Administration Console](#), choose [Setup](#) → [Landscape](#)), choose the [Deploy](#) button. The [Deployment Status](#) table displays the progress and status of various deployment tasks

Stage	Status	Details	Action	Date - Time
Deploying Global Configuration - Configuring Objects	Success	-	-	02/05/2018 - 11:50:59
Deploying Global Configuration - Configuring Template Selection	Success	-	-	02/05/2018 - 11:50:59
Deploying Global Configuration - Configuring Participants	Success	-	-	02/05/2018 - 11:50:59
Deploying Global Configuration - Configuring Meta Files	Success	-	-	02/05/2018 - 11:51:00
Configuring Solution Stage 1 - Setup the Package	Success	-	-	02/05/2018 - 11:51:00
Configuring Solution Stage 2 - Deploying Financial Consolidation and Reports	Success	-	-	02/05/2018 - 11:51:00
Configuring Solution Stage 3 - Refresh and Activate the Package	Success	-	-	02/05/2018 - 11:51:39
Configuring Solution Stage 4 - Generating Miscellaneous Meta Files	Success	-	-	02/05/2018 - 11:52:01
Generating Metadata - Process Control File	Success	-	-	02/05/2018 - 11:52:23
Initializing Solution Stage 1 - Validating Database Connections	Success	-	-	02/05/2018 - 11:52:55
Initializing Solution Stage 2 - Configuring Participant Companies	Success	-	-	02/05/2018 - 11:52:53



Note: In case of any failure(s), the retry button(s) will be enabled only after all the steps have been processed.

During the deployment process, on the [Intercompany Landscape](#) page, in the [Company Registration](#) table, the icon is displayed to indicate that the deployment process is in progress.

- If you unintentionally close the [Deployment Results](#) table during deployment, click the icon to reopen the page.
- If the deployment tasks execute successfully, in the [Deployment Status](#) table, the [Status](#) field displays [Success](#).

- If the deployment tasks did not complete successfully, in the *Deployment Status* window, the *Status* field displays `Failure`. To display details about the error, in the *Details* field, choose the *Error Details* button.
- To re-execute a failed task, in the *Action* field, choose the *Retry* button. In case of failure, the *Retry* button is enabled only after all tasks have been processed.

All deployment tasks must be completed successfully before the intercompany integration solution can be deployed.

If the deployment process completes successfully, on the *Intercompany Landscape* page, in the *Company Registration* table, the  icon is displayed next to the  (*Consolidation Hierarchy Chart*) icon.

Note

The intercompany integration solution must be deployed again whenever


- the SLD registration or email connectivity details are updated.
- you assign a new company template to a branch company in the *Company Details*.
- you perform any update in the *Branches –Setup* window.


Whenever you deploy the solution, you must perform the currency key mapping.

Caution

If you encounter some problems during deployment processing, you may choose the *Reset* button to clear the deployment queues. Note that choosing the reset button deletes all deployment data.

Before choosing the *Reset* button, you must make sure that no Intercompany transaction is pending.

During the reset process, on the *Intercompany Landscape* page, in the *Company Registration* table, the  icon is displayed to indicate that the reset process is in progress.

Once the reset process is complete, the yellow icon changes to the  icon.

Note

To rename the deployed SLD category, you need to deactivate the solution, then delete the deployment and then rename the SLD category.

5.2.8 Copy Initialization Setup

Copy initialization setup allows user to perform the initialization setups in all branch companies from the intercompany administration console.

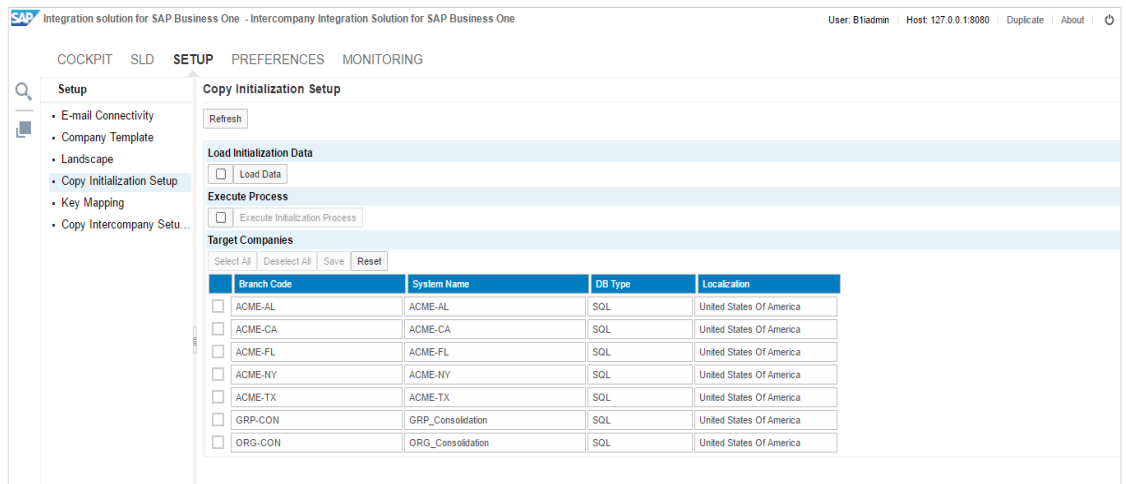
This enables the user to perform initialization steps in one go in all branch companies there by significantly reducing the solution implementation time.

To use the copy initialization setup, perform the following steps:

Note

Alternatively, you can use the *Intercompany Initialization Wizard* in SAP Business One companies.

1. In the top menu bar of the *Administration Console*, choose the *Setup* option. In the left frame, choose the *Copy Initialization Setup* option.
2. The *Copy Initialization Setup* window is displayed.

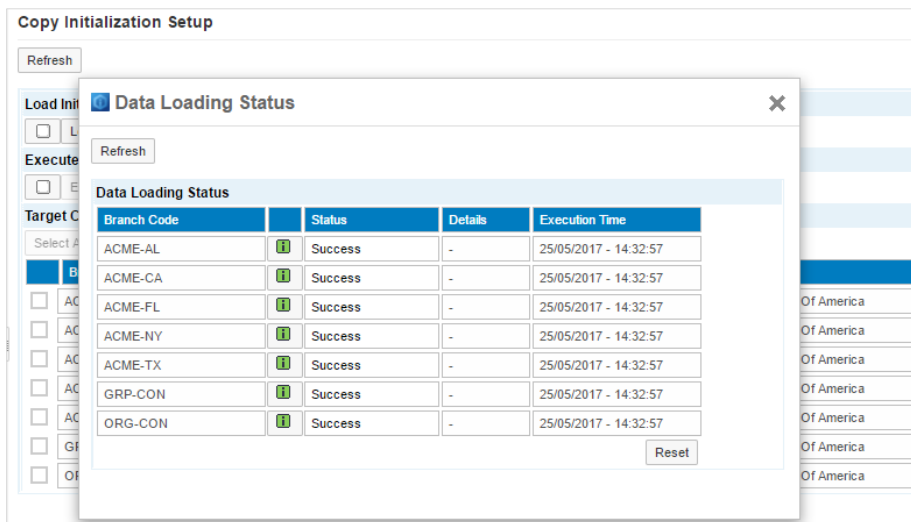



3. Choose the *Refresh Companies* button to refresh all selected companies' details.
4. To Import the initialization data, In the *Load Initialization Data* section, choose the *Load Data* button.


i Note

Whenever you do the changes in the SAP Business One companies for the initialization setups and want to pull the data in the copy initialization setup, you must choose the *Load Data* button.

5. In the prompt window. Choose *OK* to start the load data process. Further choose *OK* on the information prompt window.
6. The *Data Loading Status* window is displayed




During the data loading process, in the *Load Initialization Data* Section, the  icon is displayed to indicate that the data loading process is in progress.

If you unintentionally close the *Data Loading Status* window during data loading, click the  icon to reopen the page.

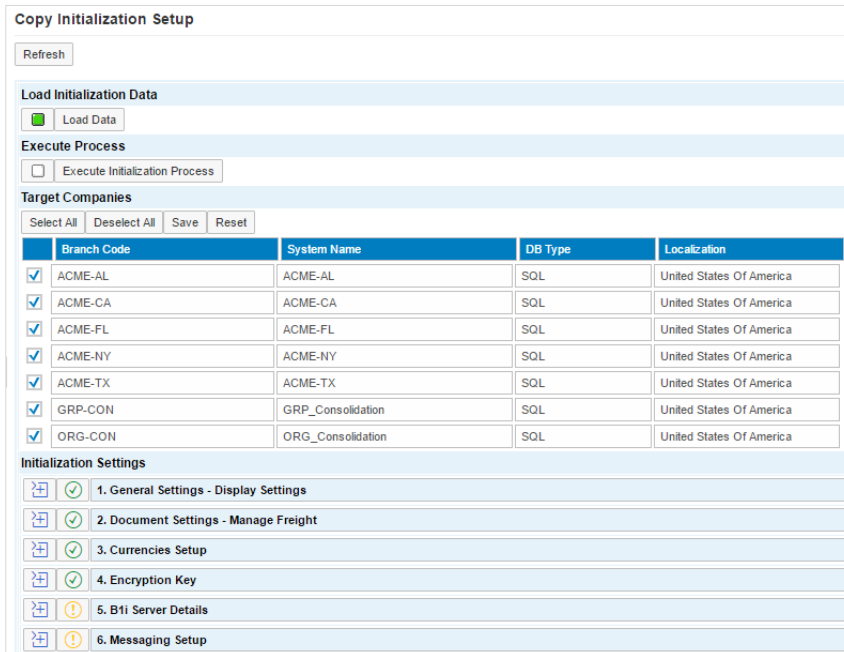
If the data loading tasks

- executes successfully, in the *Data Loading Status* table, the *Status* field displays *Success*.
- did not complete successfully, in the *Data Loading Status* window, the *Status* field displays *Failure*. To display details about the error, in the *Details* field, choose the *Error Details* button.

If the loading data process completes successfully, in the loading data section, the  icon is displayed.

If you encounter the soft error or the status icon moves continuously without any result, choose the [Reset](#) button to clear the status result data.

7. On the [Copy Initialization Setup](#) page, in the [Target Companies](#) table, select the checkbox next to the branch code where you want to copy the initialization data.



Copy Initialization Setup

Refresh

Load Initialization Data

Load Data

Execute Process


Execute Initialization Process


Target Companies


Select All Deselect All Save Reset


Branch Code	System Name	DB Type	Localization
<input checked="" type="checkbox"/> ACME-AL	ACME-AL	SQL	United States Of America
<input checked="" type="checkbox"/> ACME-CA	ACME-CA	SQL	United States Of America
<input checked="" type="checkbox"/> ACME-FL	ACME-FL	SQL	United States Of America
<input checked="" type="checkbox"/> ACME-NY	ACME-NY	SQL	United States Of America
<input checked="" type="checkbox"/> ACME-TX	ACME-TX	SQL	United States Of America
<input checked="" type="checkbox"/> GRP-CON	GRP_Consolidation	SQL	United States Of America
<input checked="" type="checkbox"/> ORG-CON	ORG_Consolidation	SQL	United States Of America


Initialization Settings


1. General Settings - Display Settings 




2. Document Settings - Manage Freight 

3. Currencies Setup 

4. Encryption Key 

5. B1i Server Details 

6. Messaging Setup 

- Choose the [Select All](#) button to select all systems.
 - Choose the [Deselect All](#) button to deselect all systems.
 - Choose the [Save](#) button to save all selected companies.
 - Choose the [Reset](#) button to clear all the configurations you selected in copy initialization setup and to clear the load initialization data queues.
8. On choosing the Save button, the application prompts for the confirmation as it overwrites the existing save settings. Choose OK on notification window. The application further prompts for Success Message. Choose OK on success window.
 9. In the Initialization Settings following icons are displayed against each step.
 -  Indicates steps settings are configured.
 -  Steps settings are not yet configured and requires the users input
 10. Choose  button to expand the relevant step. Expand the [General Settings – Display Settings](#) step.

Target Companies

Select All Deselect All Save Reset

	Branch Code	System Name	DB Type	Localization
<input checked="" type="checkbox"/>	ACME-AL	ACME-AL	SQL	United States Of America
<input checked="" type="checkbox"/>	ACME-CA	ACME-CA	SQL	United States Of America
<input checked="" type="checkbox"/>	ACME-FL	ACME-FL	SQL	United States Of America
<input checked="" type="checkbox"/>	ACME-NY	ACME-NY	SQL	United States Of America
<input checked="" type="checkbox"/>	ACME-TX	ACME-TX	SQL	United States Of America
<input checked="" type="checkbox"/>	GRP-CON	GRP_Consolidation	SQL	United States Of America
<input checked="" type="checkbox"/>	ORG-CON	ORG_Consolidation	SQL	United States Of America

Initialization Settings

1. General Settings - Display Settings

Click to replicate this setting to the target companies Manage Target Companies

S.No.	Branch Code	Amounts	Prices	Rates	Quantities	Percent	Units	Decimals in Query
	Recommendation	2	2	6	3	3	3	2
1	ACME-AL	2	2	6	3	3	3	2
2	ACME-CA	2	2	6	3	3	3	2
3	ACME-FL	2	2	6	3	3	3	2
4	ACME-NY	2	2	6	3	3	3	2
5	ACME-TX	2	2	6	3	3	3	2
6	GRP-CON	2	2	4	3	3	3	2

11. In Display Settings step, application displays the decimal places data from the all companies selected in the target company list and provides the recommended values.
12. Choose the *Click to replicate this setting to the target companies'* check box to replicate the recommended value data in the target branch companies on initialization process execution.
13. To replicate the data to the specific branch companies, choose the *Manage Target Companies* button.

- The *Target Companies* window is displayed.

The companies selected in the main Target Companies list appears in this window

The screenshot shows the 'Target Companies' window with a table of companies and an 'Initialization Settings' dialog box. The dialog box has three tabs: '1. General Settings - Display Settings', '2. Document Settings - Manage Freight', and '3. Currencies Setup'. The '1. General Settings - Display Settings' tab is active, showing a table of target companies with columns for S.No., Branch Code, Recommendation, and Target Companies.

S.No.	Branch Code	Recommendation	Target Companies
1	ACME-AL		
2	ACME-CA		
3	ACME-FL		
4	ACME-NY		
5	ACME-TX		
6	GRP-CON		
7	ORG-CON		

- You can un-select any company from the target company list and choose *Save*. Choose *OK* in the prompt window.
- Choose *Save* in the *General Settings – Display Settings* step and choose *Next*
- The *Document Settings – Manage Freight* step is displayed.

The screenshot shows the 'Target Companies' window with the 'Initialization Settings' dialog box. The '2. Document Settings - Manage Freight' tab is active, showing a table of target companies with columns for S.No., Branch Code, and Manage Freight in Documents.

S.No.	Branch Code	Manage Freight in Documents
1	ACME-AL	True
2	ACME-CA	True
3	ACME-FL	True
4	ACME-NY	True
5	ACME-TX	True
6	GRP-CON	False

- In *Document Settings – Manage Freight* step application displays the *Manage Freight in Documents* settings from the all companies selected in the target company list and provides the recommended values

19. Choose the *Click to replicate this setting to the target companies'* check box to replicate the recommended value data in all the targeted branch companies on initialization process execution.
20. To replicate this step data to the specific branch companies, choose the *Manage Target Companies* button and select the companies from the list and choose *Save*.
21. Choose *Save* in the *Document Settings – Manage Freight* step and choose *Next*
22. The *Currencies Setup* step is displayed.

Initialization Settings

1. General Settings - Display Settings

2. Document Settings - Manage Freight

3. Currencies Setup

Click to replicate this setting to the target companies Manage Target Companies

S.No.	Branch Code	\$	CAN	EUR	INR
1	ACME-AL	True	True	True	True
2	ACME-CA	True	True	True	True
3	ACME-FL	True	True	True	True
4	ACME-NY	True	True	True	True
5	ACME-TX	True	True	True	True
6	GRP-CON	True	True	True	True
7	ORG-CON	True	True	True	True

23. In *Currencies Setup* step application displays the currencies data from all companies selected in the target company list. If currency exist in the company, then application displays *True* otherwise *False*.
24. Choose the *Click to replicate this setting to the target companies'* check box to create the missing currencies in all the targeted branch companies on initialization process execution.

Example

The first branch company only has USD in the currency master, the second branch company has USD and EURO in their currency master and the third has USD and Canadian Dollars in their currency master.

In this case the application automatically creates EURO and Canadian Dollars as currencies in the first company, Canadian Dollars in the second company and EURO in the third company on executing the Initialization process.

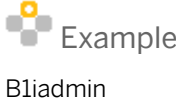
Note

While creating missing currency in the target company, the application only checks the currency code. If the currency code exists, the application ignores that currency, otherwise creates the currency.

25. To replicate this step data to the specific branch companies, choose the *Manage Target Companies* button and select the companies from the list and choose *Save*.
26. Choose *Save* in the *Currencies Setup* step and choose *Next*
27. The *Encryption Key* step is displayed.
28. The default 16-digit key is available in the *Encryption Key* field however you can change it as per your requirement.
The encryption key is used to encrypt the passwords saved in the Intercompany setups.
29. Choose the *Click to replicate this setting to the target companies'* check box to replicate the encryption key in the targeted branch companies on initialization process execution.

30. To replicate this step data to the specific branch companies, choose the [Manage Target Companies](#) button and select the companies from the list and choose [Save](#).
31. Choose [Save](#) in the [Encryption Key](#) step and choose [Next](#)
32. The [B1i Server Details](#) step is displayed. The details in this setup are used when running Intercompany reports.

The following fields are available on [B1i Server Details](#) step.

Field	Description
HTTPS	Select this checkbox to enable the solution to use HTTPS.
B1i Server Address	Enter the server name or IP address of the B1i server.
B1i Port	Enter the port of the B1i server. The default port for HTTP is 8080.
User Name	Enter the user name for an active B1ip user 
Password	Enter the password for the B1ip user.

33. Choose the [Click to replicate this setting to the target companies](#)' check box to replicate the B1i Server Details settings in the target branch companies on initialization process execution.
34. To replicate this step data to the specific branch companies, choose the [Manage Target Companies](#) button and select the companies from the list and choose [Save](#).
35. Choose [Save](#) in the [B1i Server Details](#) step and choose [Next](#)
36. The [Messaging Setup](#) step is displayed. The details in this setup are used to send email notifications to the users of the receiver company based on the contact person setup, that is – the system sends the email notification to the email ID defined against the selected contact person in the sender system transactions

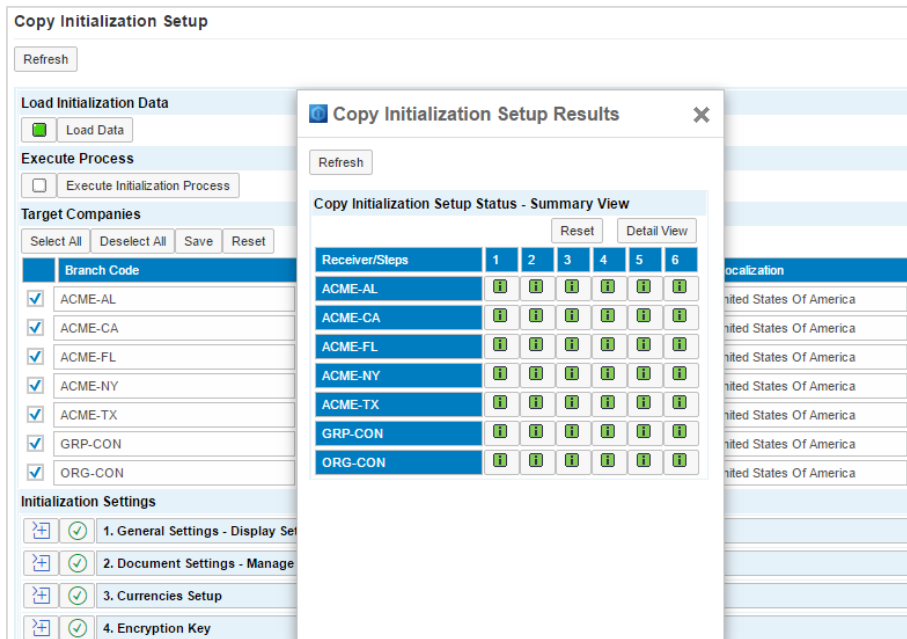
Initialization Settings	
	1. General Settings - Display Settings
	2. Document Settings - Manage Freight
	3. Currencies Setup
	4. Encryption Key
	5. B1i Server Details
	6. Messaging Setup
<input type="checkbox"/>	Click to replicate this setting to the target companies Manage Target Companies
<input type="checkbox"/>	Send EMail Notification
<input type="checkbox"/>	With SSL
<input type="checkbox"/>	Attach Sender Marketing Document
SMTP Server	<input type="text"/>
SMTP Port	<input type="text"/>
Username	<input type="text"/>
Password	<input type="text"/>

The following fields are available on *Messaging Setup* step:

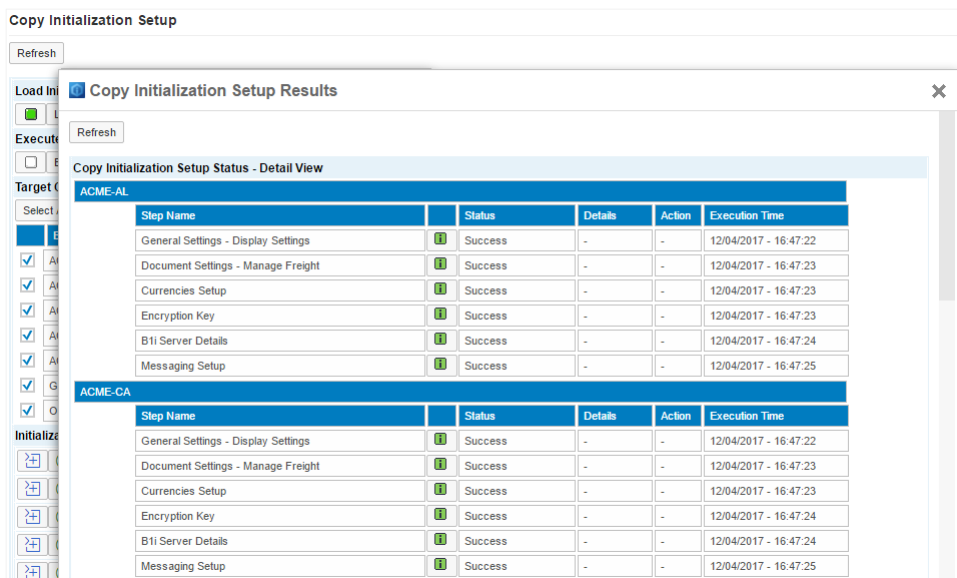
Field	Description
<i>Send Email Notification</i>	Select this checkbox to activate email notification for an interbranch transaction. Email notifications are only supported for the following transactions: <ul style="list-style-type: none"> <i>G/L Allocation</i> <i>Intercompany Trade</i>, that is – marketing document exchange <i>Centralized Payments</i>
<i>With SSL</i>	Select this checkbox to enable the solution to use SSL in email notification.
<i>Attach Sender Marketing Document</i>	Select this checkbox to attach the sender marketing document to the email notification. <p>i Note</p> <p>Attachments are only supported for <i>Document Exchange Cycle</i>.</p>
<i>SMTP Server, SMTP Port</i>	Specify the outgoing mail server address and port
<i>User Name, Password</i>	Specify the user name and password for the outgoing mail server


37. Choose the *Click to replicate this setting to the target companies'* check box to replicate the messaging setup data in the targeted branch companies on initialization process execution.
38. To replicate this step data to the specific branch companies, choose the *Manage Target Companies* button and select the companies from the list and choose *Save*.
39. Choose *Save* in the *Messaging Setup* step.
40. Choose *Execute Initialization Process* button under execute process section. Choose *OK* in the prompt window.

41. The *Copy Initialization Setup Status - Summary View* window is displayed.



- Choose the *Refresh* button to refresh all companies' initialization data details.
 - Choose the *Detail View* button to view each company step wise detail.
 - If you encounter the soft error or the status icon moves continuously without any result, choose the *Reset* button to clear the copy initialization setup result data queue.
42. On choosing the *Detail View* button application displays *Copy Initialization Setup Status - Detail View* for all companies.



During the copy initialization setup process, in the *Copy Initialization Setup Results* table, the  icon is displayed to indicate that the copy process is in progress.

If you unintentionally close the *Copy Initialization Setup Results* table during copy process, click the  icon to reopen the page.

If the copy initialization setup tasks

- execute successfully, in the *Copy Initialization Setup Results* table, the *Status* field displays *Success*.
- did not complete successfully, in the *Copy Initialization Setup Results* window, the *Status* field displays *Failure*. To display details about the error, in the *Details* field, choose the *Error Details* button.

To re-execute a failed task, in the *Action* field, choose the *Retry* button. In case of failure, the *Retry* button is enabled only after all tasks have been processed.

5.2.9 Key Mapping

This step is mandatory if master data records already exist in the branch companies.

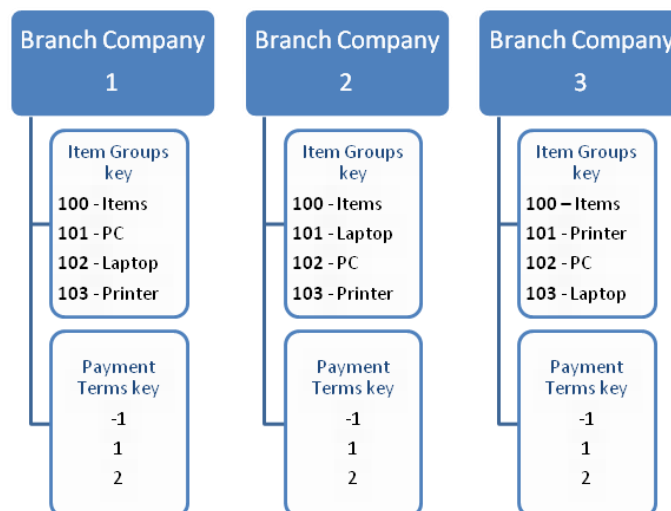
Some objects in SAP Business One have an internal primary key which differ from that displayed in SAP GUI (for example, freight, length and width UOM, weight UOM, payment terms, item group). To successfully replicate master data for these objects, the internal keys of all branch companies must be mapped to each other.

Complete this step for all masters that have master data records existing in the registered SAP Business One companies.

Caution

Before initiating this step, you must manually ensure that all master data which are replicated by the intercompany integration solution have an equal number of records in each branch company (that is, identical records exists in each company).

Figure 1 shows an example of data recorded in key-mapped master records.



Example

Three branch companies have the following freights:

Freight	Company – IC001	Company – IC002	Company – IC003
AAA	✓	✓	
BBB		✓	✓
CCC	✓	✓	✓
DDD	✓	✓	✓
EEE	✓		✓
FFF		✓	✓

To map the internal keys of the branch companies, you must create the following records:

Company – IC001

BBB

FFF

Company – IC002

EEE

Company – IC003

AAA

Once you perform this step for all key-mapped masters, you can start the key mapping step in the Administration Console.

- See [Appendix I](#) for the list of masters replicated by the intercompany integration solution and [Appendix II](#) for field level details.
- See [Appendix V](#) for the list of all key mapping masters.

Caution

Key Mapping master should not have special characters (!@#&*;) in the description.

To undertake the key mapping procedure, perform the following steps:

Alternatively, key mapping can also be imported from a Microsoft Excel template.

1. In the top menu bar of the *Administration Console*, choose the *Setup* option. In the left frame, choose the *Key Mapping* option.
2. In case if you would like to import the data for particular company, choose the (...) (*Browse*) button next to *Branch Company* field in *Process Company Data* section.
3. In the selection window, in the *Choose entry* field, select a company from the dropdown list. Alternatively, to import data from all branch companies, select *ALL* from the dropdown list and then choose the *Select* button.
4. In case, if you would like to import the data for particular object, select the object from the *Object Name* field. By default, *ALL* is displayed in this field.
5. To Import the data, In the *Process Company Data* section, choose the *Import Object Data* button.
6. To view the summary of import data status based on branch company and object selected above in Steps 3 and 4, choose the *View Summary* button.

In *Summary Report*,

- Under *Import Status*,
 - field *Not Initiated* denotes that import process is not yet started for the object.
 - field *N/A* for any combination of branch and object denotes that key mapping data is not required to be imported.
 - Under *Status* field,
 - hyphen (-) character denotes that import of data is not yet initiated for this object,
 - *Consistent* denotes that the imported data has same number of records for that object across all the participating companies and *Inconsistent* denotes that the imported data does not have same number of records for that object across all the participating companies.
7. To view the details of import data status based on branch company and object selected above in Steps 3 and 4, choose the *View Object Data* button.

In *Object Summary*,

- Under *Import Status* field
 - *Not Initiated* denotes that import process is not yet started for the object.
 - *N/A* for any combination of branch and object denotes that key mapping data is not required to be imported.
 - Under *Status* field
 - hyphen (-) character denotes that import of data is not yet initiated for this object,
 - *Consistent* denotes that the imported data has same number of records for that object across all the participating companies and *Inconsistent* denotes that the imported data does not have same number of records for that object across all the participating companies.
8. In case if you would like to view the existing *Key Mapping* data, go to the *Keymapping Object Selection* section.
9. To view the summary of the existing *Key Mapping* data, choose *Summary* in the (...) (*Browse*) button next to *Key Mapping Data View* field and an object or *ALL* (for all objects) in the (...) (*Browse*) button next to *Object Name – Object Id* field.
10. To view the detail of the existing *Key Mapping* data, choose *Detail* in the (...) (*Browse*) button next to *Key Mapping Data View* field and an object in the (...) (*Browse*) button next to *Object Name – Object Id* field. Alternatively, select *ALL* from the dropdown list to map all objects simultaneously.
11. In case if you would like to perform the *Key Mapping* of the data, go to the *Keymapping Object Selection* section.
12. Choose a branch company in the (...) (*Browse*) button next to *Base Company* field to act as a reference for the mapping of master data records.
13. Choose *Detail* in the (...) (*Browse*) button next to *Key Mapping Data View* field and an object or *ALL* (for all objects) in the (...) (*Browse*) button next to *Object Name – Object Id* field.



Note

By default, the head office (HO) company is preselected as the base company.



Recommendation

In case of cross localization, if there is a Brazil localization company, then choose any brazil localization company as a base company.

The *Key Mapping Data* table appears and displays the master data records for the base company.

14. In the *Key Mapping Data* table, choose the (...) (*Browse*) button next to each branch code.
15. In the selection window, in the *Choose entry* field, select the matching record from the dropdown list. Repeat the procedure for all master data records.

To automatically map records with matching display keys, choose the *AutoMap* button.

Recommendation

For best performance, run the AutoMap feature for each object.

16. Choose the *Save* button.

After you save the key mapping for the currency master, the *Configure Currency Details* window is displayed. Ensure that the currencies are synchronized successfully for all branch and consolidation companies.

The application may take some time to display the *Configure Currency Details* window.

17. Repeat steps 2–16 for each object in the master record list.

Be sure to perform key mapping for all new companies registered in the solution after implementation.

In *Summary view*, under *Key Mapping Data* section, in *Keymapping Status* field,

- hyphen (-) character denotes that either key mapping data does not exist or is not required for this object.
- consistent denotes that key mapping data has been completed successfully for this object across all the participating companies and Inconsistent denotes that key mapping is still pending for this object across all the participating companies.

Caution

If you make any changes in the company template which is configured in the *Company Details* window (in the Administration Console, choose *Setup* → *Landscape*), be sure to do the key mapping for all new masters configured for replication in the company template.

5.2.9.1 Template for Mapping Master Data Records

To download a Microsoft Excel template for mapping master data records, use the following steps:

Note

To use Microsoft Excel template, ensure that no key mapping data should start with hyphen (-)

1. In the top menu bar of the *Administration Console*, choose the *Setup* option. Choose the *Key Mapping* option in the left frame,
2. In the *Prepare Excel Templates* section, under *Export Template* section, choose a branch company in the (...) (*Browse*) button next to *Base Company* field to act as a reference for the mapping of master data records.
3. Choose the (...) (*Browse*) button next to *Branch Company* field to choose the branch for which key mapping data is to be downloaded.
4. Choose the (...) (*Browse*) button next to *Key Mapping Data* field. In the selection window, from the dropdown list in the *Choose entry* field, select *Unmapped* or *ALL* from the dropdown list. Choose the *Select* button. By default, *ALL* is displayed in this field.

5. In case, if you would like to download the data for particular object, select the object from the *ObjectName* field. By default, *ALL* is displayed in this field.
6. To download the excel template, choose the *Download* button.
7. In the Excel template, in the *MappingKey* column, enter a unique mapping key common to all matching records in each branch company.

 **Caution**

In each branch company, the mapping key can be defined only once for a set of matching records.

Figure 2 shows an example of how to map records in an Excel template.

PartnerCode	Object	InternalKey	DisplayKey	MappingKey	Error
ACME-CA	125	1	Freight	MK1	
ACME-CA	125	2	Insurance	MK2	
ACME-TX	125	1	Freight	MK1	
ACME-TX	125	2	Insurance	MK2	
ACME-NY	125	1	Freight	MK1	
ACME-NY	125	2	Insurance	MK2	

 **Caution**

Do not alter the template or delete or modify records in any column other than the mapping key column.

8. After defining the mapping keys, save the template.
9. To validate and upload the template, in the *Import From Excel Templates* section of the table, choose a branch company in the (...) (*Browse*) button next to *Base Company* field to act as a reference for the mapping of master data records.
10. In the *Browse Template* field, choose the (...) *Import* button, in the *Name of Excel file* field, navigate to the template file and choose the *Submit* button.

The *Key Mapping Result* table displays the result of the import process.

If you encounter an error during the import process, in the *Key Mapping Result* table, choose the *Download Excel Sheet* link to generate an Excel template with the error details displayed in the *Error* column. Rectify all errors and import the Excel template again.

5.2.10 Copy Intercompany Setups

The Copy Intercompany Setups feature allows user to copy a branch company's setup data from one branch company to one or multiple branch companies. This saves the user from login in each branch database and perform the setup steps individually, significantly reducing the implementation time.

In this feature, User can select any branch or template company as the source company and select one or more companies as the target company to copy the setup data information.

In copy intercompany setup data feature, user can copy following setup information from one company to multiple companies:

- Intercompany General Settings
- Users and Users Settings
 - Users Setup
 - Intercompany Alert Administration
 - Global Data Authorization
- Global Data Distribution Templates
- Business Partner Group Control Account
- Branch Account Setup
- Default Account Setup
- Account Classification and Translation Method
- Default Accounts By Profit and Loss
- Default Accounts By Balance Sheet
- Business Partners Representing Branch Companies
- General Setting - Serial Number and Batch Management
- Consolidation Account Mapping

To use the copy intercompany setups feature, perform the following steps:

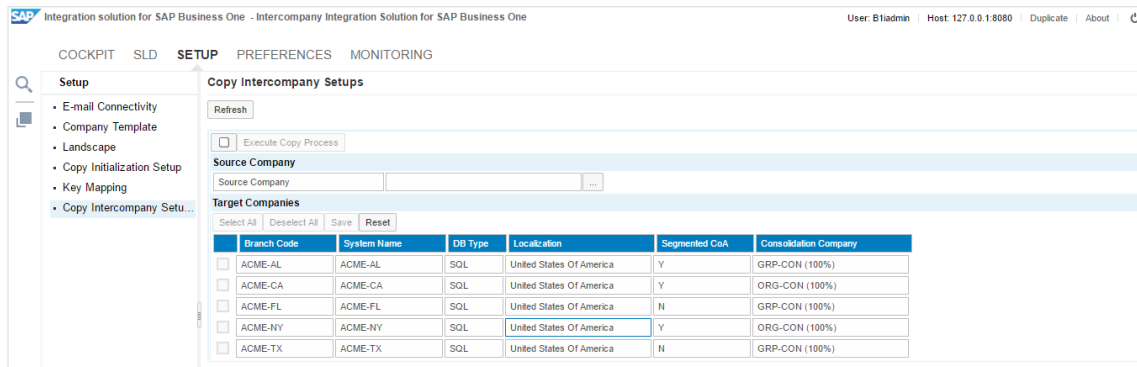
 **Note**

Alternatively, you can use the *Intercompany Setup Wizard* in SAP Business One companies.




 **Caution**

You must complete the KeyMapping process before executing the copy intercompany setup process.

1. In the Intercompany *Administration Console*, choose the *Setup* option.
2. In the left frame, choose the *Copy Intercompany Setups* option. The *Copy Intercompany Setups* window is displayed.



On the *Copy Intercompany Setups* page, the following icons are displayed to indicate the status of copy process:

- Copy Intercompany Setups execution process is not yet started
-  Copy Intercompany Setups execution process is completed with errors
-  Copy Intercompany Setups execution process failed completely
-  Copy Intercompany Setups execution process completed successfully

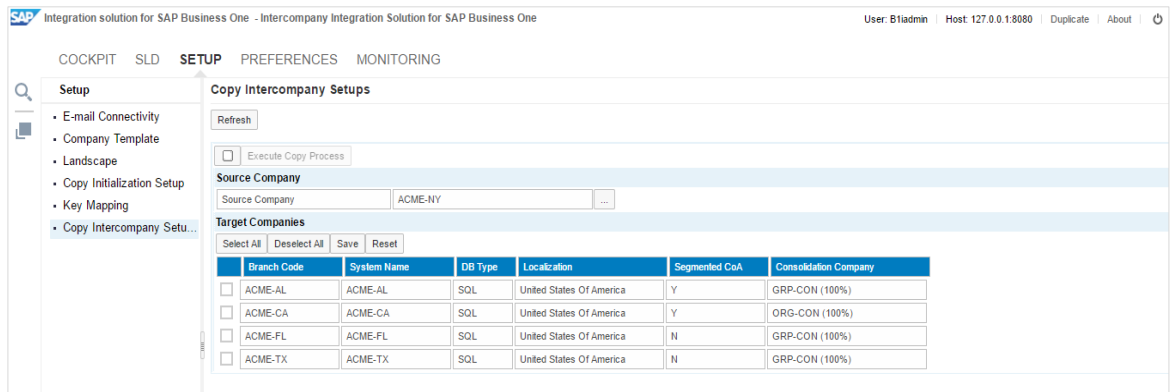
3. Choose the *Refresh Companies* button to refresh all companies' details.

- Select the source company by choosing the (...) (*Browse*) button next to *Source Company* field. The company selection window is displayed.

Note

Source Company acts as a base company from which all setup information will be copied to the receiver companies.

- Choose any company from the drop-down list and press *Select* button. The selected company appears in source company field.



- On the *Copy Intercompany Setup* page, in the *Target Companies* table, select the checkbox next to the branch code that you want to copy the setup data.
 - Choose the *Select All* button to select all companies.
 - Choose the *Deselect All* button to deselect all companies.
 - Choose the *Save* button to save all selected companies.
 - Choose the *Reset* button to clear all the configurations you selected in copy intercompany setups and to clear the intercompany setups data queues.
- On choosing the *Save* button, the application prompts for the confirmation as it overwrites the existing save settings. Choose *OK* on notification window. The application further prompts for Success Message. Choose *OK* on success window.
- In the Intercompany Settings table following icons are displayed against each step.
 - ✔ Indicates steps settings are configured.
 - ⚠ Steps settings are not yet configured and requires the users input
- Choose button to expand the required step.
- Expand the first step i.e. *Intercompany General Settings*.

11. The *Intercompany General Settings* step is displayed.

Target Companies						
Select All Deselect All Save Reset						
	Branch Code	System Name	DB Type	Localization	Segmented CoA	Consolidation Company
<input checked="" type="checkbox"/>	ACME-AL	ACME-AL	SQL	United States Of America	Y	GRP-CON(100%)
<input checked="" type="checkbox"/>	ACME-CA	ACME-CA	SQL	United States Of America	Y	ORG-CON(100%)
<input checked="" type="checkbox"/>	ACME-FL	ACME-FL	SQL	United States Of America	Y	GRP-CON(100%)
<input checked="" type="checkbox"/>	ACME-TX	ACME-TX	SQL	United States Of America	Y	GRP-CON(100%)

Intercompany Settings

1. Intercompany General Settings

Click to replicate this setting to the target companies Manage Target Companies

Save Next

2. Copy Users and User Settings

3. Copy Global Data Distribution Templates

4. Business Partner Group Control Account

5. Branch Account Setup

The following fields are displayed in the *Intercompany General Settings* step:


Field Name	Description
Click to replicate this setting to the recipient companies	<p>This check box is selected by default however user can un-select it as well. With this check box enabled, the solution copy the source company intercompany general settings information to the receiver company on copy process execution.</p> <p>Note</p> <ul style="list-style-type: none"> In the <i>Drop Ship Warehouse</i> field, application checks for the sender company warehouse code in the receiver company and if warehouse code exist in the receiver company, application set the warehouse code in the <i>Drop Ship Warehouse</i> field. If the sender company drop ship warehouse code does not exist in the receiver company then application sets the "IC_DSShip" warehouse code in the <i>Drop Ship Warehouse</i> field. At the time of copying the records if any error is encountered for any particular record then application ignores that error and processes the next record. The error details can be checked in the intercompany setup data results.
Manage Target Companies	<p>Select this button to display the target company list.</p> <p>In the Manage Target companies list, you can un-select any company from the target list. This step will be executed only for the companies selected in the Manage Target Companies List.</p>
Save	Choose the Save button to save the current step information.
Next	Choose the Next button to open the next step details.

12. Choose the *Click to replicate this setting to the target companies*' check box to replicate the intercompany general settings data from the source to target branch companies on copy process execution.

13. To replicate the data to the specific branch companies, choose the *Manage Target Companies* button.
14. The *Target Companies* window is displayed. The companies selected in the main Target Companies list is appears in this window
15. You can un-select any company from the target company list and choose *Save*. Choose *OK* in the prompt window.
16. Choose *Save* in the *Intercompany General Settings* step and Choose Next
17. The *Copy Users and User Settings* step is displayed.

The following fields are displayed in the *Copy Users and User Settings* step:

Field Name	Description
<i>Click to replicate this setting to the target companies</i>	<p>Selecting this check box will replicate user settings information from the source company to the target companies.</p> <p>i Note</p> <p>At the time of copying the records if any error encountered for any particular record then solution ignores that error and processes the next records. The error details can be checked in the final result.</p>
<i>Click to create master data if not exist in the recipient company i.e. Users.</i>	<p>Selecting this check box will create the user's master data in the target company if sender company user code does not exist in the target company.</p> <p>Application copy these fields while user creation in the target system: Super user, User Code, User Name, E-Mail, Mobile Phone, Fax, Intercompany Notification In, Can Use Remote Query Execution, Change Password at Next Logon, Locked.</p> <p>The user created by intercompany solution in the target system will have the default password as "1234". You must change the password on first login.</p>
<i>User Type</i>	<p>Choose the (...) (<i>Browse</i>) button. From the dropdown list, choose a User Type i.e. <i>All Users</i>, <i>Super User</i>, <i>Common Users</i> and <i>Intercompany Users</i>.</p>

Field Name	Description
	The intercompany relevant information from Users setup, Intercompany Alerts Administration and Global Data Authorization data will be copied from the source to the target companies.
Manage Target Companies	Select this button to display the target company list.  Note In the Manage Target companies list, you can un-select any company from the target list. This step will be executed only for the companies selected in the Manage Target Companies List.
Save	Choose this button to save the current step information.
Next	Choose this button to open the next step details.
Previous	Choose this button to open the previous step details.

18. Select (...) ([Browse](#)) button next to the [User Type](#). The user type selection window is displayed. Choose a User Type i.e. [All Users](#), [Super User](#), [Common Users](#) and [Intercompany Users](#) and press [select](#).
 - All Users – All users' data will be copied from source to target companies with intercompany relevant information from Users setup, Intercompany Alert Administration and Global Data Authorization.
 - Super User - Only super user's data will be copied from source to target companies with intercompany relevant information from Users setup, Intercompany Alert Administration and Global Data Authorization.
 - Common User – Users those are common in source and target companies will be copied to target companies with intercompany relevant information from Users setup, Intercompany Alert Administration and Global Data Authorization.
 - Intercompany Users - The user's define in User Setup, Intercompany Alert Administration, Global Data Authorization window of intercompany solution and have intercompany relevant field enabled are termed as Intercompany users. The data of Intercompany users will be copied from source to target companies with intercompany relevant information from Users setup, Intercompany Alert Administration and Global Data Authorization
19. Choose the [Click to replicate this setting to the target companies'](#) check box to replicate the user's intercompany relevant setup data from the source to target branch companies on copy process execution.
Application will copy the intercompany relevant information from Users setup, Intercompany Alert Administration and Global Data Authorization.
20. Choose the [Click to create master data if not exist in the recipient company i.e. Users](#) check box to create the users if not exist in the target companies on copy process execution.
 - Application copied these fields while user creation in the target system: Super user, User Code, User Name, E-Mail, Mobile Phone, Fax, Intercompany Notification In, Can Use Remote Query Execution, Change Password at Next Logon, Locked.
 - The user created by intercompany solution in the target system will have the default password as "1234". You must change the password on first login.

21. To replicate the data to the specific branch companies, choose the *Manage Target Companies* button.
22. The *Target Companies* window is displayed. The companies selected in the main Target Companies list is appears in this window.
23. You can un-select any company from the target company list and choose *Save*. Choose *OK* in the prompt window.
24. Chooses *Save* in the *Copy Users and User Settings* step and Choose *Next*
25. The *Copy Global Data Distribution Templates* step is displayed.

Target Companies

Select All Deselect All Save Reset

	Branch Code	System Name	DB Type	Localization	Segmented CoA	Consolidation Company
<input checked="" type="checkbox"/>	ACME-AL	ACME-AL	SQL	United States Of America	Y	GRP-CON(100%)
<input checked="" type="checkbox"/>	ACME-CA	ACME-CA	SQL	United States Of America	Y	ORG-CON(100%)
<input checked="" type="checkbox"/>	ACME-FL	ACME-FL	SQL	United States Of America	N	GRP-CON(100%)
<input checked="" type="checkbox"/>	ACME-TX	ACME-TX	SQL	United States Of America	N	GRP-CON(100%)

Intercompany Settings

1. Intercompany General Settings

2. Copy Users and User Settings

3. Copy Global Data Distribution Templates

Click to replicate this setting to the target companies Manage Target Companies

Click to create master data if not exist in the recipient company i.e. Global Data Distribution Template.

26. Choose relevant check boxes in copy global data distribution template step and Choose *Next*.
27. The *Business Partner Group Control Account* step is displayed.

Target Companies

Select All Deselect All Save Reset

	Branch Code	System Name	DB Type	Localization	Segmented CoA	Consolidation Company
<input checked="" type="checkbox"/>	ACME-AL	ACME-AL	SQL	United States Of America	Y	GRP-CON(100%)
<input checked="" type="checkbox"/>	ACME-CA	ACME-CA	SQL	United States Of America	Y	ORG-CON(100%)
<input checked="" type="checkbox"/>	ACME-FL	ACME-FL	SQL	United States Of America	N	GRP-CON(100%)
<input checked="" type="checkbox"/>	ACME-TX	ACME-TX	SQL	United States Of America	N	GRP-CON(100%)

Intercompany Settings

1. Intercompany General Settings

2. Copy Users and User Settings

3. Copy Global Data Distribution Templates

4. Business Partner Group Control Account

Click to replicate this setting to the target companies Manage Target Companies

Click to create master data if not exist in the recipient company i.e. G/L Accounts, Global Data Distribution Template.

Vendor Group Control Account Setting ...

Customer Group Control Account Setting ...

Previous Save Next

5. Branch Account Setup

6. Default Account Setup

The following fields are displayed in the *Business Partner Group Control Account* step:

Field Name	Description
Click to replicate this setting to the target companies	<p>Selecting this check box will replicate Vendor Group/Customer Group control account and Distribution template information from the sender company to the recipient companies.</p> <p>For account copy logic, refer the Account Copy Logic in the Target Company section in this document.</p> <p>i Note</p> <p>At the time of copying the records if any error is encountered for any particular record then solution ignore that error and process the next records. The error details can be checked in the final results.</p>
Click to create master data if not exist in the recipient company i.e. G/L Accounts, Global Data Distribution Template.	<p>Selecting this check box will create the master data (G/L accounts and Global Data Distribution Template) in the target company if sender company data does not exist in the recipient company.</p> <p>For account creation logic, refer the Account Creation Logic in the Target Company section in this document.</p>
Vendor Group Control Account Setting	<p>Choose the (...) (<i>Browse</i>) button. From the dropdown list, choose Copy Distribution Template, Copy G/L Accounts and Copy Distribution Template and G/L Accounts.</p> <ul style="list-style-type: none"> • Copy Distribution Template - Selecting this will copy the distribution template from the vendor group control account setting of the source company to the target company. • Copy G/L Accounts - Selecting this will copy the g/l accounts from the vendor group control account setting of the source company to the target company. • Copy Distribution Template and G/L Accounts - Selecting this will copy the distribution template and g/l accounts from the vendor group control account setting of the source company to the target company.
Customer Group Control Account Setting	<p>Choose the (...) (<i>Browse</i>) button. From the dropdown list, choose Copy Distribution Template, Copy G/L Accounts and Copy Distribution Template and G/L Accounts.</p> <ul style="list-style-type: none"> • Copy Distribution Template - Selecting this will copy the distribution template from the customer group control account setting of the source company to the target company. • Copy G/L Accounts - Selecting this will copy the g/l accounts from the customer group control account setting of the source company to the target company. • Copy Distribution Template and G/L Accounts - Selecting this will copy the distribution template and g/l accounts from the customer group control account setting of the source company to the target company.
Manage Target Companies	<p>Select this button to display the target company list.</p>

Field Name	Description
	<p>In the Manage Target companies list, You can un-select any company from the target list. This step will be executed only for the companies selected in the Manage Target Companies List.</p> <p>In case of Accounts replication, the application automatically disappear the company based on the chart of account structure of source and target companies. For further detail refer the Target Company disappear Logic for Accounts Replication section.</p>
Save	Choose this button to save the current step information.
Next	Choose this button to open the next step details.
Previous	Choose this button to open the previous step details.

28. Select (...) ([Browse](#)) button next to the [Vendor Group Control Account Setting](#). The [Group setting selection](#) window is displayed. Select the relevant option from the dropdown.
29. Select (...) ([Browse](#)) button next to the [Customer Group Control Account Setting](#). The [Group setting selection](#) window is displayed. Select the relevant option from the dropdown.
30. Choose the [Click to replicate this setting to the target companies'](#) check box to replicate the vendor group and customer group control account settings data from the source to target branch companies on copy process execution.
31. Choose the [Click to create master data if not exist in the recipient company i.e. G/L Accounts, Global Data Distribution Template](#) check box to create the g/l accounts and data distribution template if not exist in the target companies on copy process execution.
32. To replicate the data to the specific branch companies, choose the [Manage Target Companies](#) button.
33. The [Target Companies](#) window is displayed. The companies selected in the main Target Companies list is appears in this window.
34. You can un-select any company from the target company list and choose [Save](#). Choose [OK](#) in the prompt window.
35. Choose [Save](#) in the [Business Partner Group Control Account](#) step and select [Next](#)
36. The [Branch Account Setup](#) window is displayed.

Intercompany Settings

- 1. Intercompany General Settings
- 2. Copy Users and User Settings
- 3. Copy Global Data Distribution Templates
- 4. Business Partner Group Control Account
- 5. Branch Account Setup
 - Click to replicate this setting to the target companies Manage Target Companies
 - Click to create master data if not exist in the recipient company i.e. G/L Accounts.
 - Click to overwrite the setting which exist in the target companies
- 6. Default Account Setup
- 7. Define Account Classification and Translation Method
- 8. Define Account by Profit and Loss
- 9. Define Account by Balancesheet
- 10. Business Partners Representing Branch Companies

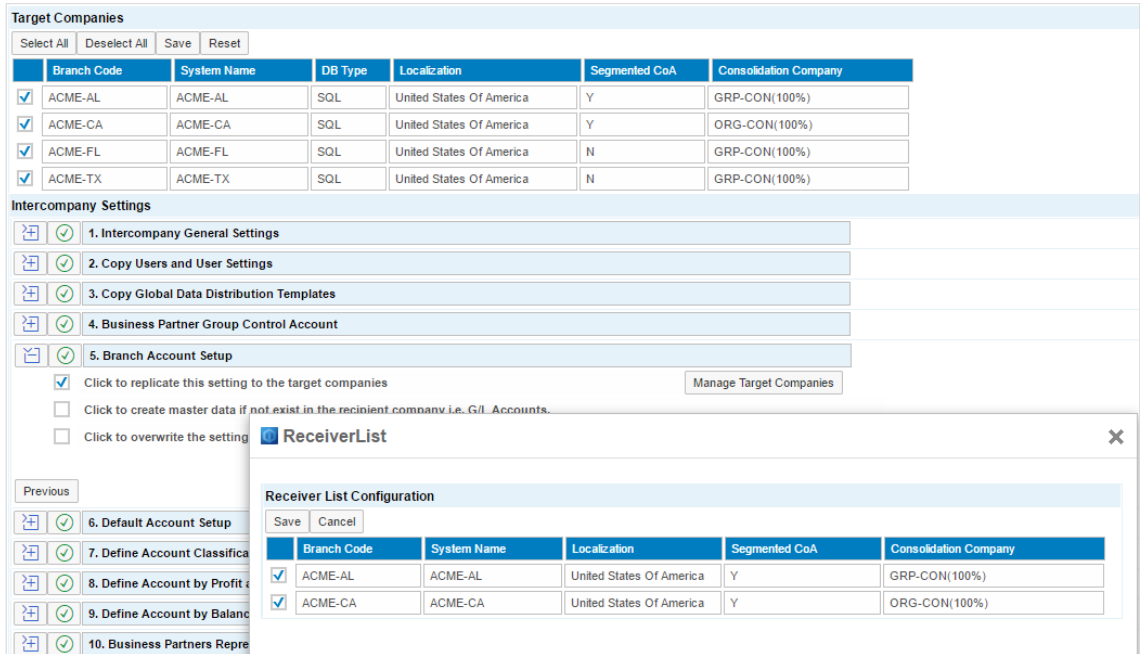
Previous Save Next

The following fields are displayed in the Branch Account Setup step:

Field Name	Description
Click to replicate this setting to the target companies	<p>Selecting this check box will replicate Branch Account Setup information from the sender company to the recipient companies.</p> <p>For account copy logic, refer the Account Copy Logic in the Target Company section in this document.</p> <p>i Note</p> <p>At the time of copying the records if any error is encountered for any particular record then solution ignore that error and process the next records. The error details can be checked in the final results.</p>
Click to create master data if not exist in the recipient company i.e. G/L Accounts.	<p>Selecting this check box will create the master data (Due From and Due To Accounts) in the recipient company if sender company accounts does not exist in the target company and setup the same in Branch Account setup of target companies.</p> <p>For account creation logic, refer the Account Creation Logic in the Target Company section in this document.</p>
Click to overwrite the setting which exist in the target companies	<p>Selecting this check box will overwrite the setup exist in the target companies.</p> <p>For Example, if user has already done the Branch Accounts setup in the target company then by selecting this check box, the target company information will be overwritten by source company information.</p>
Manage Target Companies	<p>Select this button to display the target company list.</p> <p>In the Manage Target companies list, you can un-select any company from the target list. This step will be executed only for the companies selected in the Manage Target Companies List.</p> <p>In case of Accounts replication, the application automatically disappear the company based on the chart of account structure of source and target companies. For further detail refer the Target Company disappear Logic for Accounts Replication section.</p>
Save	Choose this button to save the current step information.
Next	Choose this button to open the next step details.
Previous	Choose this button to open the previous step details.

37. In the [Branch Account Setup](#) window, choose the relevant check boxes.
38. Choose the [Manage Target Company](#) button to display the target company list.
39. In the [Receiver List](#), all the targeted company selected under the Target Companies master list is displayed.

In the below screenshot, you noticed that the ACME-FL and ACME-TX branch selected in the Target Companies master list is not displayed in the receiver list due to the chart of account structure difference in the source and target companies.



5.2.10.1 Target Company Disappear Logic for Accounts Replication

The following table displays the different chart of account structure of the source and target company based on that the target company gets disappear in the receiver list.

Source Company COA	Target Company COA	No. of Segments in Source	No. of Segments in Target	Source Company Segment (Size ,Type)	Target Company Segment (Size ,Type)	Source Company Segment Code	Target Company Segment Code	Disappear
Normal	Normal	-	-	-	-	-	-	No
Segmented	Normal	2	-	-	-	-	-	Yes
Segmented	Segmented	2	3	-	-	-	-	Yes
Segmented	Segmented	3	3	(2,Alphanumeric)	(4,Alphanumeric)	-	-	Yes
Segmented	Segmented	3	3	(2,Alphanumeric)	(2,Alphanumeric)	CO	PO	Yes
Segmented	Segmented	3	3	(2,Alphanumeric)	(2,Alphanumeric)	CO	CO	No

1. Based on above table, if source and target company chart of account structure is normal i.e. Un-segmented, the target company remains visible in the receiver list.
2. If source company chart of account structure is segmented and target company chart of account structure is un-segmented, the application automatically disappears the target company from the receiver list.
3. If source company chart of account structure is segmented and target company chart of account structure is also segmented, but the number of segments in the source and target companies are not same, the application disappears the target company from the receiver list.

4. If source Company chart of account structure and target company chart of account structure is segmented and the number of segments in the source and target companies are same but the source company segments (Size, type) and the target company segments (Size, type) are not same, the application automatically disappear the target company from the receiver list.
5. If source company chart of account structure and target company chart of account structure is segmented and the number of segments in the source and target companies are same and the source company segments (Size, type) and the target company segments (Size, type) are also same but the segment codes are different, the application automatically disappear the target company from the receiver list.
6. If source company chart of account structure and target company chart of account structure is segmented and the number of segments in the source and target companies are same and the source company segments (Size, type) and the target company segments (Size, type) are also same and the segment codes are also same then the target company remains visible in the receiver list.

5.2.10.2 Account Creation Logic in the Target Company

When user enabled the checkbox (Click to create master data if not exist in the recipient company i.e. G/L Accounts), then while copying the setup data if source company G/L account does not exist in the target company, then application creates that G/L account and setup the same in the target company setup. For Example, while copying the Branch Account Setup data if Due from G/L account in the source company does not exist in the target company then application creates that G/L account in the receiver company and setup the same in branch account setup.

While creating the G/L account in the target company, application compares each node from parent title account to child active account in the chart of accounts window of the sender company. If any parent title account is missing, then application creates that title account as well.

Example

As show below if "11200000-01-001-01 - Due From ACME-CA (HO, USA, GA)" is missing in the target company and also the title account "Cash and Equiv - Cash and Cash Equivalents" does not exist however the "Current Assets-Current Assets" exists under Assets drawer.

Assets
Current Assets - Current Assets
Cash and Equiv - Cash and Cash Equivalents
11100000-01-001-01 - Cash on Hand (HO, USA, GA)
11200000-01-001-01 - Due From ACME-CA (HO, USA, GA)

In this case, Application creates the title account "Cash and Equiv - Cash and Cash Equivalents" under the "Current Assets-Current Assets" and "11200000-01-001-01 - Due From ACME-CA (HO, USA, GA)" active account under the title account "Cash and Equiv - Cash and Cash Equivalents".

Note

You must ensure that the number of drawers in the chart of accounts should be same in the source and target companies.

5.2.10.3 Account Copy Logic in the Target Company

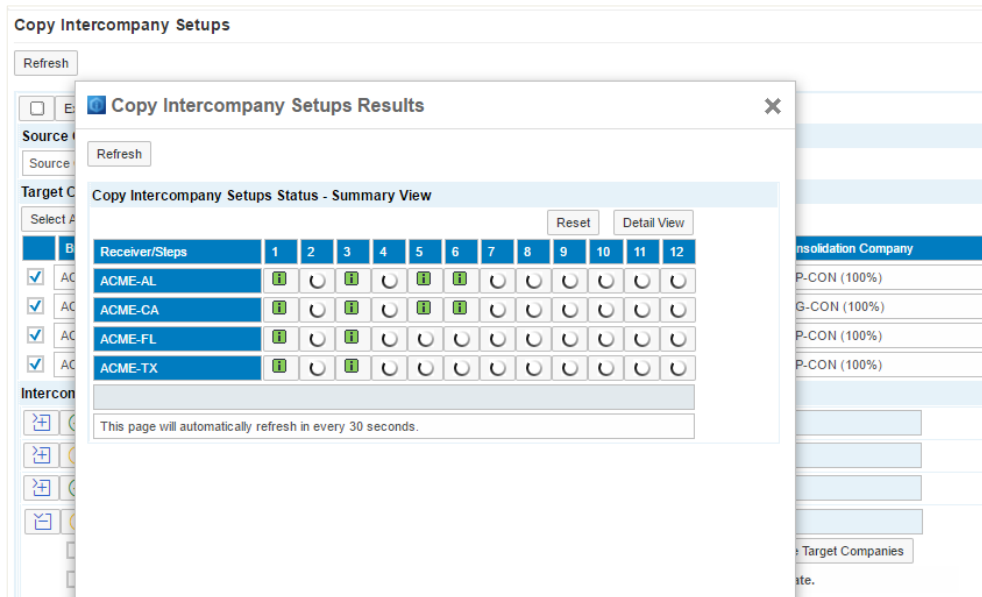
When user enabled the check box (*Click to replicate this setting to the target companies*), the application only checks the source company G/L account code in the target company. The application does not check the G/L account description, drawer and other information. If g/l account code exist in the receiver company the application set the same g/l account in the target branch company.

Note

If Branch g/l accounts are created in the sender company using Branch Account Code Generator, then application will also set the sender company due from and due to accounts code against the sender company branch code in the recipient company branch account code setup.

1. Choose *Save* in the Branch Account Setup and Choose *Next*.
2. The *Default Account Setup* step window is displayed.
3. Choose the relevant check boxes in the *Default Account Setup* step and choose *Save*.
The account copy and creation logic applicable on the branch account setup step as mentioned above should also be applicable in the default account setup step.
4. Choose *Next* in the Default Account setup step.
The *Define Account Classification and Translation Method* window is displayed.
5. Select the relevant check boxes in the *Define Account Classification and Translation Method* step and choose *Save*.
6. The *Define Account by Profit and Loss* step window is displayed.
7. Choose the relevant check boxes in the *Default Account by Profit and Loss* step and choose *Save*.
The account copy and creation logic applicable on the branch account setup step as mentioned above will also be applicable in the default account by profit and loss setup step.
8. Choose *Next* in the *Default Account by Profit and Loss* step.
The *Default Account by Balance sheet* step window is displayed.
9. Choose the relevant check boxes in the *Default Account by Balance Sheet* step and choose *Save*.
The account copy and creation logic applicable on the branch account setup step as mentioned above will also be applicable in the default account by balance sheet setup step.
10. Choose *Next* in the *Default Account by Balance Sheet* step.
The *Business Partners Representing Branch Companies* step window is displayed.
11. Choose the relevant check boxes in the *Business Partners Representing Branch Companies* step and choose *Save*.
 - While creating Business Partner in the target companies, application will create the business partner in the receiver company with these properties only: Code, Name, Branch Code, Global Business Partner Check Box, and Distribution Template Code.
 - Application will also create the Global Data Distribution Template assigned to the business partner if that template does not exist in the target company.
12. Choose *Next* in the *Business Partners Representing Branch Companies* step.
The *General Setting - Serial Number and Batch Management* step window is displayed.
13. Choose the relevant check boxes in the *General Setting - Serial Number and Batch* step and choose *Save*.

14. Choose *Next*
15. The *Consolidation account mapping* step is displayed.
In the *Manage Target list* of the consolidation account mapping step, the application only displays those target companies that have consolidation companies same as Source Company.
16. Choose the relevant check boxes in the *Consolidation account mapping* step and choose *Save*.
17. Once you configure all the steps, Choose *Execute Copy Process* button to copy the source company setup data to the target companies. Choose *OK* on the prompt window.
18. The *Copy Intercompany Setups Results* window is displayed.



- Choose the *Refresh* button to refresh all companies copy data details.
- Choose the *Detail View* button to view each company step wise detail.
- If you encounter the soft error or the status icon moves continuously without any result, choose the *Reset* button to clear the copy intercompany setup result data queue.

If the copy data process

- completes successfully, in the results data section, the icon is displayed.
- failed, in the results data section, the icon is displayed. You can click on icon to check the error details.

If the step is not configured or not relevant for execution, the icon is displayed.










19. On choosing the *Detail View* button application displays *Copy Intercompany Setups Status - Detail View* for all companies.

Copy Intercompany Setups Results


Refresh

Copy Intercompany Setups Status - Detail View

ACME-AL

Step Name		Status	Details	Action	Execution Time
Intercompany General Setting		Success	-	-	25/05/2017 - 17:03:52
Copy Users and User Settings	<input type="checkbox"/>	not configured	-	-	-
Copy Global Data Distribution Templates		Success	-	-	25/05/2017 - 17:03:53
Business Partner Group Control Account	<input type="checkbox"/>	not configured	-	-	-
Branch Account Setup		Success	-	-	25/05/2017 - 17:03:53
Default Account Setup		Success	-	-	25/05/2017 - 17:03:54
Define Account Classification and Translation Method		Success	-	-	25/05/2017 - 17:03:57
Default Account by Profit and Loss		Success	-	-	25/05/2017 - 17:03:58
Default Account by Balance Sheet		Success	-	-	25/05/2017 - 17:03:59
Business Partners Representing Branch Companies		Success	-	-	25/05/2017 - 17:04:00
General Setting - Serial Number and Batch Management		Success	-	-	25/05/2017 - 17:04:00
Consolidation Account Mapping	<input type="checkbox"/>	not configured	-	-	-


ACME-CA

Step Name		Status	Details	Action	Execution Time
Intercompany General Setting		Success	-	-	25/05/2017 - 17:03:52



If the copy setup data tasks

- execute successfully, in the copy setup data status table, the *Status* field displays *Success*.
- did not complete successfully, in the copy setup data status table, the *Status* field displays *Failure*. To display details about the error, in the *Details* field, choose the *Error Details* button.

To re-execute a failed task, in the *Action* field, choose the *Retry* button.

If you unintentionally close the Copy Status Results table during copy setup data, click the  icon to reopen the page.

If the copy data process

- completes successfully, in the results data section, the  icon is displayed.
- failed, in the results data section, the  icon is displayed.

If the step is not configured or not relevant for execution, the icon is displayed.

5.2.11 Preferences

The *Preferences* menu allows you to perform the following tasks:

- Set up replication of user defined fields (UDFs)
- Set up replication of user defined tables (UDTs)
- Setting Up Replication Schedule for Cockpit
- Set up the replication schedule for consolidating business partner balances
- Set up the replication schedule for allocation accounts

- Consolidation configuration/maintenance
- Enable delivery date replication at line level from Sales Order to Purchase Order
- Configure sender's e-mail address
- Set up the frequency of automatic retries on errors
- Language customization
- Manage logs
- Access audit logs

5.2.11.1 Setting Up Replication of User Defined Fields (UDFs)

1. In the top menu bar of the Administration Console, choose the *Preferences* option.
2. In the left frame, choose the *UDF Replication* option.
The application may take some time to display the user-defined field's replication data.
3. In the *UDF Replication* table, choose the (...) (*Browse*) button.
4. In the selection window, in the *Choose entry* field, select an object from the dropdown list and then choose the *Select* button.

The UDFs for the selected object and its sub-objects supported for replication are displayed.

Only UDFs which meet the following criteria are displayed:

- UDFs have the same name across all branch companies.
 - UDFs have the same data type across all branch companies.
 - UDFs have the same length across all branch companies.
 - UDFs not linked to System Object.
5. In the *UDF Replication* table, in the *Field Name* field, select the checkbox for the UDFs which you would like to register for replication.
 - Choose the *Check All* button to select all UDFs.
 - Choose the *Uncheck All* button to deselect all UDFs.
 6. Choose the *Save* button.
 - UDFs in journal entries and journal vouchers are replicated to the consolidation company during the consolidation run. For all other objects, UDF replication is only supported across branch companies.
 - In the *Registered* field, the letter γ is displayed for UDFs which are registered for replication.
 - To remove a UDF from the list of objects for replication, select the object from the dropdown list and then choose the *Select* button. In the *UDF Replication* table, deselect the checkbox for the UDF you want to remove and then choose the *Save* button.

5.2.11.2 Setting Up Replication of User Defined Tables (UDTs)

The UDT replication is only supported for branch and template companies.

1. In the top menu bar of the Administration Console, choose the *Preferences* option.

2. In the left frame, choose the *UDT Replication* option.
3. In the *Retrieval* section of the table, choose the (...) (*Browse*) button next to the *Import* button,
4. In the selection window, in the *Choose entry* field, select a company from the dropdown list. Alternatively, to import user-defined tables from all branch companies, select *ALL* from the dropdown list and then choose the *Select* button.
5. In the *Retrieval* section, choose the *Import* button. To view the data, choose the *View* button.

i Note

User-defined tables of Object Type "Master Data", "Master Data Rows", "Document", "Document Rows" and "No Object with Auto. Increment" will not be displayed in the list as Intercompany Solution does not support the replication of such user-defined tables.

6. To prepare the list of common user-defined tables across the branch companies, in the *Retrieval* section, choose the *Submit* button. To view the data, choose the *View* button.
7. In the *Configuration* section, choose the (...) (*Browse*) button next to user-defined table name.
8. In the selection window, in the *Choose entry* field, select a UDT from the dropdown list and then choose the *Select* button.

The fields in the selected UDT are displayed.

Only fields which meet the following criteria are displayed:

- Fields that contain the same name across all branch companies.
 - Fields that contain the same data type across all branch companies.
 - Fields that contain the same length across all branch companies.
 - Fields that are not linked to System Object.
9. In the *Field name* area, select the checkboxes for the fields which you want to register for replication.
 - To select all fields, choose the *Check All* button.
 - To deselect all fields, choose the *Uncheck All* button.
 10. Choose the *Save* button.
 - In the *Registered* field, the letter γ is displayed for fields which are registered for replication.
 - To remove a field from the list of UDTs for replication, select the UDT from the dropdown list and then choose the *Select* button. In the *UDT Replication* table, deselect the checkbox for the field and then choose the *Save* button.

i Note

User-Defined Objects (UDO's) replication is not supported by Intercompany Solution.

5.2.11.3 Setting Up Replication Schedule for Cockpit

1. In the top menu bar of the Administration Console, choose the *Preferences* option.
2. In the left frame, choose the *Cockpit Scheduling*.
3. In the *Run* field, choose the (...) (*Browse*) button.

In the selection window, from the dropdown list in the *Choose entry* field, select a run frequency (*Daily* or *Weekly*) and then choose the *Select* button.

If you select the *Weekly option*, in the *Cockpit Data Scheduling* table, choose the adjacent (...) (*Browse*) button. In the selection window, from the dropdown list in the *Choose entry* field, select the week day and then choose the *Select* button.

4. In the *Hour* field, choose the (...) (*Browse*) button. Choose the hour frequency at which you would like to run the replication and choose the *Select* button.
5. In the *Minute* field, choose the (...) (*Browse*) button. Choose the minute frequency at which you would like to run the replication and choose the *Select* button.
6. Choose the *Schedule* button.

You can check the cockpit data scheduling configuration status under the *Current Status*.

- To deactivate the cockpit scheduling, choose the *Cancel* button.
- You can check the last execution success or failure result under the *Last Execution* status. To check the status of each company, choose the *Status* button.

5.2.11.4 Setting Up Replication Schedule for Consolidating Business Partner Balances

1. In the top menu bar of the Administration Console, choose the *Preferences* option.
2. In the left frame, choose the *BP Balances Scheduling*.
3. In the *Run* field, choose the (...) (*Browse*) button.

In the selection window, from the dropdown list in the *Choose entry* field, select a run frequency (*Daily* or *Weekly*) and then choose the *Select* button.

If you select the *Weekly option*, in the *Setup for Automatic BP Consolidated Balances* table, choose the adjacent (...) (*Browse*) button. In the selection window, from the dropdown list in the *Choose entry* field, select the week day and then choose the *Select* button.

4. In the *Hour* field, choose the (...) (*Browse*) button. Choose the hour frequency at which you would like to run the replication and choose the *Select* button.
5. In the *Minute* field, choose the (...) (*Browse*) button. Choose the minute frequency at which you would like to run the replication and choose the *Select* button.
6. Choose the *Schedule* button.

You can check the BP Balances scheduling configuration status under the *Current Status*.

To deactivate the business partner balances consolidation feature, choose the *Cancel* button.

5.2.11.5 Setting Up Replication Schedule for Allocation Accounts

1. In the top menu bar of the Administration Console, choose the *Preferences* option.
In the left frame, choose the *Allocation Acct Scheduling*.

In the *Setup Allocation Accounts Scheduling* section, in *Run* field, choose the (...) (*Browse*) button.

In the selection window, from the dropdown list in the *Choose entry* field, select a run frequency (*Daily* or *Weekly*) and choose the *Select* button.

If you select the *Weekly option*, in the *Setup Allocation Accounts Scheduling* table, choose the adjacent (...) (*Browse*) button. In the selection window, in the *Choose entry* field, select the week day from dropdown list and then choose the *Select* button.

2. In the *Hour* field, choose the (...) (*Browse*) button. Choose the hour frequency at which you would like to run the replication and choose the *Select* button.
3. In the *Minute* field, choose the (...) (*Browse*) button. Choose the minute frequency at which you would like to run the replication and choose the *Select* button.
4. Choose the *Schedule* button.

You can check the allocation accounts scheduling configuration status under the *Current Status*.

To deactivate the automatic allocation accounts scheduling feature, choose the *Cancel* button.

5.2.11.6 Consolidation Configuration

1. In the top menu bar of the Administration Console, choose the *Preferences* option.
2. In the left frame, choose the *Consolidation Configuration* option.
3. To consolidate journal vouchers during the consolidation run, select the checkbox next to the *Replicate Journal Voucher* field.
4. To replicate period end closing journal entries during the consolidation run, select the checkbox next to the *Replicate Period End Closing Journal Entries* field.

Note

If you select this checkbox, then "Period End Closing Journal Entries" will be imported in to the Consolidation company(s) from the branch companies during the Consolidation process execution.

After the consolidation process is executed, if user runs the Profit & Loss report in Consolidation company then report displays blank data, this is due to the reason as "Period End Closing Journal Entries" are posted in Consolidation company that nullifies the Profit & Loss Account balances in the Consolidation company(s).

5. Set the journal entry batch size to be imported during the consolidation run in Consolidation Batch Size field, the value is set to 500 by default.

Note

When you are importing Journal Entries for large date range, you may specify the batch count accordingly. For example, if the Journal Entries count is more than 50000, you may specify the batch size of 5000.

6. 'Consolidation Company Name' Consolidation Mode displays the financial consolidation process set in the consolidation company i.e. manual or Automatic.
7. Choose the Save button.

Caution

If you encounter some problems during consolidation processing, you may choose the *Reset* button to clear the consolidation queues. Note that choosing the reset button deletes all export

and import consolidation data and terminates the consolidation processing. However, resetting the consolidation does not impact the data in the consolidation companies.

5.2.11.7 Marketing Documents Configuration

To enable the replication of delivery date at line level from Sales Order to Purchase Order in participating branch companies, perform the following steps:

1. In the top menu bar of the Administration Console, choose the *Preferences* option.
2. In the left frame, choose the *Marketing Documents Configuration* option.
3. To enable the replication of Delivery Date at line level from Sales Order to Purchase Order in participating branch companies, select the checkbox next to the *Replicate Delivery Date at line level from Sales Order to Purchase Order* field.
4. Choose the *Save* button.

5.2.11.8 Configure Sender's E-mail Address

To define the email address from which e-mail alerts about Intercompany transactions are received, perform the following steps:

1. In the top menu bar of the Administration Console, choose the *Preferences* option.
2. In the left frame, choose the *Sender E-mail Configuration* option.
3. In the *Sender's E-mail Address* field, enter the email address.
4. Choose the *Save* button.

The default e-mail address is `Admin.`

5.2.11.9 Auto Retry on Errors

The auto retry on errors feature allows you to set the application to automatically retry failed transactions after a specified time interval.

To set up the frequency for the auto retry on errors, perform the following steps:

1. In the top menu bar of the Administration Console, choose the *Preferences* option.
2. In the left frame, choose the *Auto Retry Errors* option.
In the *Run* field, choose the (...) (*Browse*) button.
3. In the selection window, in the *Choose Entry* field, select the retry frequency from the dropdown list (*Daily* or *Weekly*) and then choose the *Select* button.
If you select the *Weekly option*, in the *Configure Auto Retry Error* table, choose the adjacent (...) (*Browse*) button. In the *Choose entry* field in the window, select the week day from dropdown list and choose the *Select* button.

In the *At* field, choose the (...) (*Browse*) button.

In the *Choose entry* field in the window, from the dropdown list, choose the hour at which you would like to run the auto retry or select the retry frequency and choose the *Select* button.

Choose the *Activate* button.

To deactivate the auto, retry error feature, choose the *De-activate* button.

Caution

If you encounter some problems during automatic retry of error messages, you may choose the *Reset* button this will reset the auto retry error functionality and will cease any ongoing auto retry of error messages process.

5.2.11.10 Language Customization

The language customization feature allows you to upload custom language resource strings on reports and alert notifications.

To upload the custom language resource strings, perform the following steps:

1. In the top menu bar of the Administration Console, choose the *Preferences* option.
2. In the left frame, choose the *Language Customization* option.
In the *Download Language Resource Template* field, choose the (...) (*Browse*) button.
3. In the selection window, in the *Choose Entry* field, select the language from the dropdown list and choose the *Select* button.

Note

Only languages supported by the application are available in the dropdown list. For the Denmark, Finland, Norway, Portugal, and Sweden localization, the language resource strings are available in the English language. You can download the English language strings and upload the language strings supported for these localizations.

To download the resource language Excel template, choose the *Download* button.

Caution

- Do not alter the template or delete or modify records in any field other than the *Language Resource String* column.
 - Do not change the name of the template.
4. To save the template, choose the *Save* button.
 5. To validate and upload the template, in the *Excel Templates* area, choose the *Import* button.
 6. In the *Language Resource Template Import* window, in the *Name of Excel File* field, choose the (...) (*Browse*) button. Navigate to the template file and then choose the *Submit* button.

The *Language Resource Template Import - Result* table displays the result of the import process.

If you encounter an error during the import process, in the *Language Resource Template Import - Result* table, rectify all errors and import the Excel template again.

If you want to revert to the default, standard GUI language resource strings for the selected language, choose the *Reset to Default* button.

5.2.11.11 Manage Logs

The manage logs feature allows you to set the frequency of automatic deletion of the following logs:

- Success message log
- Failed Messages Retry Count
- Deployment history
- Key mapping history
- UDF configuration history
- UDT configuration history
- Log deletion history
- Consolidation maintenance history
- Mkt. Doc. Configuration History

To set up the manage logs feature, perform the following steps:

1. In the top menu bar of the Administration Console, choose the *Preferences* option.
2. In the left frame, choose the *Manage Logs* option.
3. In the *Manage Logs* area, enter the number of days after which you want each type of log to be deleted.

➔ Recommendation

Indicate that you want each log to be deleted after 30 days.

4. Choose the *Save* button.

➔ Recommendation

It is recommended to not set the value of *Auto Retry Failed Messages* more than 5. This will result in maintaining the DB size resulting in overall integration performance

If you set more values, then system will retry the IC failed messages that number of times hence increase the Blif database size.

5.2.11.12 Audit Log

The audit log feature allows you to access the logs maintained by the Administration Console, which include the following:

- Company Template - Import
- Company Template - Template Configuration
- Company Template - Property Configuration
- Company Template - Master Configuration
- Configuration - Auto Retry Errors
- Configuration – Cockpit Scheduling
- Configuration - BP Balances Scheduling
- Configuration - Allocation Accounts Scheduling
- Configuration - Configure Sender's Email

- Configuration – Language Resource
- Configuration – Marketing Documents
- Consolidation - Reset
- Deployment - Branch Details
- Deployment - Logs
- Key Mapping - Excel Import
- Key Mapping - Logs
- Key Mapping - Retrieval
- Logs - Deletion
- Logs - Settings
- Replication - UDF Configuration
- Replication - UDT Configuration

To set up the audit log, perform the following steps:

1. In the top menu bar of the Administration Console, choose the *Preferences* option.
2. In the left frame, choose the *Audit Log* option.
3. In the *Audit Log Filter* area, in the *From* and *To* fields, specify the date and time at which logs are to be retrieved.
Enter the date in YYYY-MM-DD format and enter the time in HH:MM:SS format.
4. In the *Log Type* field, choose the log type from the dropdown list.
5. In the *Paging* field, from the dropdown list, choose the number of records to be displayed on each page.
6. Choose the *Display Log* button.
 - To delete the log, enter the appropriate filter criteria and choose the *Delete Log* button.
 - For all system triggered events, the audit log report displays “B1i Queue” in the *User* field.

5.2.12 Monitoring

The *Monitoring* menu in the Administration Console allows you to access the Intercompany transactions logs between the branch companies, including the following:

- Message log
- Notification log
- Monitor Consolidation

5.2.12.1 Message Log

The message log enables you to view a log of Interbranch transactions. You can filter transaction logs by date and time ranges, sender system, or receiver system.

You can access the message log from the machine on which the intercompany integration solution is installed using web browser as mentioned in the “GUI is improved for the Intercompany Administration Console/ Web browser requirements”.

To set use the message log, perform the following steps:

1. In the top menu bar of the Administration Console, choose the *Monitoring* option.
2. In the left frame, choose the *Message Log* option.
3. To define a filter for the messages, do the following:
 1. In the *From* field, define the start date for the range in the YYYY-MM-DD format and the start time in the second field in the HH:MM:SS format.

i Note

When you start the monitor, it automatically displays the current day at 00:00:00.

2. In the *To* field, define the end date for the range in the YYYY-MM-DD format and the end time in the second field in the HH:MM:SS format.

i Note

When you start the monitor, it automatically displays the current day at 23:59:59.

3. In the *Sender System* field, from the dropdown list, select a sender system from your System Landscape Directory.
4. In the *Receiver System* field, from the dropdown list, select a receiver system from your System Landscape Directory.
5. In the *Sender Object* field, from the dropdown list, select a sender object.
6. In the *Receiver Object* field, from the dropdown list, select a receiver object.
7. To filter based on message status, from the dropdown list in the *Status* field, choose the relevant status (*Success* or *Failure*).
8. In the *Paging* field, from the dropdown list, choose the number of records to be displayed on each page.
9. To view the list of selected messages, choose the *Display log* button.
 - If the message log becomes too large, you can delete the list by specifying *From* and *To* values and then choosing the *Delete Log* button.
 - To view a description of errors, in the *Message Log* table, click the link in the *Payload* column. To retry the failed transaction, click the link in the *Retry* column. To retry all failed transactions at once, choose the *Retry All Errors* link at the top of the table.

5.2.12.2 Notification Log

The notification log enables you to view SAP Business One alert and email notifications for failures.

To use the notification log, perform the following steps:

1. In the top menu bar of the Administration Console, choose the *Monitoring* option.
2. In the left frame, choose the *Notification Log* option.

3. To define a filter for the failure notifications, perform the following:
 1. In the *From* field, define the start date for the range in the YYYY-MM-DD format and the start time in the second field in the HH:MM:SS format.

When you start the monitor, it automatically displays the current day at 00:00:00.
 2. In the *To* field, define the end date for the range in the YYYY-MM-DD format and the end time in the second field in the HH:MM:SS format.

When you start the monitor, it automatically displays the current day at 23:59:59.
 3. In the *Log Type* field, select a log type (SAP Business One alert or email notification).
 4. In the *Paging* field, from the dropdown list, choose the number of records to be displayed on each page.
 5. To view the list of selected messages, choose the *Display log* button.

If the message log becomes too large, you can delete the list by specifying *From* and *To* values and then choosing the *Delete Log* button.

To view a description of errors, in the *Notification Failure Log* table, click the link in the *Payload* column. To retry the failed transaction, click the link in the *Retry* column. To retry all failed transactions at once, choose the *Retry All Errors* link at the top of the table.

5.2.12.3 Monitor Consolidation report

The monitor consolidation report enables you to view the journal entries not imported in to the consolidation company from the branch company during financial consolidation process.

To view the monitor consolidation report, perform the following steps:

1. In the top menu bar of the Administration Console, choose the *Monitoring* option.
2. In the left frame, choose the *Monitor Consolidation* option.
3. To define a filter for the consolidation, do the following:
 1. In the *SLD Category* field, from the dropdown list, select a SLD category.
 2. In the *From* field, define the journal entry posting date for the range in the YYYY-MM-DD format and the start time in the second field in the HH:MM:SS format.
 3. In the *To* field, define the journal entry posting date end date for the range in the YYYY-MM-DD format and the end time in the second field in the HH:MM:SS format.
 4. In the *Branch Company* field, from the dropdown list, select a branch company for which you would like to view the journal entry not imported in to the consolidation company.
 5. In the *Consolidation Company* field, from the dropdown list, select a consolidation company in which you would like to view the journal entry not imported.

To view the report, choose the *Display log* button

5.3 Introducing New Branch Companies

You must manually ensure that all master data which is replicated by the intercompany integration solution has an equal number of records in each branch company (that is, identical records exist in each company).

To set up the new branch company, perform the following steps:

1. Install the integration solutions add-on in the SAP Business One company database which you would like to include in the intercompany integration solution.
2. Run the Intercompany initialization wizard in the new branch company. For more information, see [Configuring Settings in SAP Business One](#) section in this document.
3. In the Administration Console, on the *SLD* (system landscape registration) page, ensure that an SLD entry for the new company database exists in the left frame (in the top menu, choose the *SLD* option). For more information, refer to step 4 of [Setting Up the Intercompany Integration Solution](#) section in this document.

The SAP Business One application automatically creates an SLD entry for each SAP Business One company database running on a local instance of the SAP Business One server. To set up the intercompany integration solution to include company databases on remote SAP Business One servers, you must manually register the remote company databases in the B1if SLD registration page (that is, the instances of the integration component running the Integration Solutions Installer).

4. To include the new company database in the Intercompany Landscape, do the following:
 1. In the top menu bar of the Administration Console, choose the *Setup* option.
 2. In the left frame, choose the *Landscape* option.
 3. On the *Intercompany Landscape* page, in the *Company Registration* table, in the *System Name* field, select the checkbox next the systems that corresponds to the new company database.
 4. Choosing the (...) (*Browse*) button next to the system name and complete the company details for the new company database. For more information, refer to step 8 of [Setting Up the Intercompany Integration Solution](#) section in this document.
5. To deploy and initialize the intercompany integration solution with the new company database, in the *Company Registration* table, choose the *Deploy* button. For more information, refer to step 9 [Setting Up the Intercompany Integration Solution](#) section in this document.
6. Complete the key mapping process for the new company database. For more information, refer to step 10 of [Setting Up the Intercompany Integration Solution](#) section in this document.
7. Run the Intercompany setup wizard in all SAP Business One companies configured in the intercompany integration solution.
8. Run the *Intercompany Consolidation Setup Wizard* in the consolidation company configured in the intercompany integration solution.

5.4 Using Template Company to Setup Branch Company

Intercompany solution allows the user to optionally setup template for a branch company in administration console.

All masters' data are replicated to Template Company similar to Branch(es) and Head Office Company.

With the help of branch Template Company, user can easily initialize a new branch company in the intercompany landscape. This significantly reduces the time in deploying a new company in the intercompany solution.

To use the template type company to set up the new branch company, perform the following steps:

1. Create a new SAP Business One Company and perform the initial setup's similar to the other companies.
 - If you want to configure the template company in your already running landscape, then you must manually ensure that all master data which are replicated by the intercompany integration solution have an equal number of records in each branch and template company (that is, identical records exists in each company)
 - You must ensure that there should not be any transactions in the template company.
2. Install the integration solutions add-on in the template SAP Business One company
3. In the Intercompany Administration Console, On the [Intercompany Landscape](#) page, On [Company Details](#) page, while defining the [Company Type](#) for the template company, select the option "[Template](#)" for Template Company.
4. On [Company Details](#) page, select an operation type for the template company from the following options: [Sales](#), [Service](#), or [Sales and Service](#). Based on operation type - Contract templates, customer equipment card, and service contracts will replicate to template companies
5. On [Company Details](#) page, choose a company template for the template company. Based on company template the master's and their properties definition will replicate to Template Company.
6. Deploy the solution by choosing the [Deploy](#) button.
7. After deployment perform the [key mapping](#) for Template Company along with other branch companies.
8. The template company is now configured in the landscape. The solution will start replicating the masters similar to other branch companies configured in the landscape.

i Note

- Master data will always be replicated to the template company based on data distribution template and company template assigned to Template Company.
 - The SAP Business One transactions and Intercompany transactions are not be allowed in the template company.
The Template Company will not be appear in the Intercompany reports.
 - The template company will be used only for master data replication and not for financial transactions.
9. Whenever you want to add a new company in the intercompany landscape, take the backup of the template company and restore it with new company name and perform the setups as mentioned in [Introducing New Branch Companies](#) section.
There is no limitation in creation of Template Company. User can create as many companies as required.

6 Intercompany Solution Working with Multiple Branches

With Intercompany 2.0 Patch level 26, user can now use the intercompany solution with branch enabled companies.

With branch solution user can work across branches on one company database and with Intercompany Solution user can work with different SAP Business One database located on same server or at multiple servers.

Users with multiple legal entity may want to use branch solution and intercompany solution together to handle various business scenarios.

- Companies using intercompany solution to integrate subsidiaries in different geographies and want to use branch solution to handle different business units in one of the subsidiary companies.
- Company using branch solution and want to integrate subsidiaries in different geographies using Intercompany Solution.

6.1 Setup Intercompany Solution with Multiple Branches

To setup intercompany with multiple branches, you need to perform the following steps:

1. Enable the multi-branch feature in SAP Business One.
 - a. From the SAP Business One *Main Menu*, choose *Administration* -> *System Initialization* -> *Company Details*.
 - b. On the *Basic Initialization* tab of the *Company Details* window, select the *Enable Multiple Branches* checkbox.
 - c. Choose the *Update* button.

You must define the *Global Data Authorizations* for the user enabling Branches in the SAP Business One company if the intercompany solution is already configured and running.

To open the *Global Data Authorizations* window, choose *Administration* -> *Setup* -> *Intercompany* -> *Global Data Authorizations*.
2. Define branches in the system
 - a. From the SAP Business One *Main Menu*, choose *Administration* -> *Setup* -> *Financials* -> *Branches*.
 - b. In the *Branches – Setup* window, specify relevant information.
 - c. Choose the *Update* button.
3. Once you define the branches in all relevant companies configured in the intercompany landscape, you must deploy the intercompany solution.

To deploy and initialize the intercompany integration solution, in the *Company Registration* table (in the *Administration Console*, choose *Setup* → *Landscape*), choose the *Deploy* button. The *Deployment Status* table displays the progress and status of various deployment tasks

Deployment Results					
Deployment Status					
Stage	Status	Details	Action	Date - Time	
Deploying Global Configuration - Configuring Objects	Success	-	-	02/05/2018 - 11:50:59	
Deploying Global Configuration - Configuring Template Selection	Success	-	-	02/05/2018 - 11:50:59	
Deploying Global Configuration - Configuring Participants	Success	-	-	02/05/2018 - 11:50:59	
Deploying Global Configuration - Configuring Meta Files	Success	-	-	02/05/2018 - 11:51:00	
Configuring Solution Stage 1 - Setup the Package	Success	-	-	02/05/2018 - 11:51:00	
Configuring Solution Stage 2 - Deploying Financial Consolidation and Reports	Success	-	-	02/05/2018 - 11:51:00	
Configuring Solution Stage 3 - Refresh and Activate the Package	Success	-	-	02/05/2018 - 11:51:39	
Configuring Solution Stage 4 - Generating Miscellaneous Meta Files	Success	-	-	02/05/2018 - 11:52:01	
Generating Metadata - Process Control File	Success	-	-	02/05/2018 - 11:52:23	
Initializing Solution Stage 1 - Validating Database Connections	Success	-	-	02/05/2018 - 11:52:55	
Initializing Solution Stage 2 - Configuring Participant Companies	Success	-	-	02/05/2018 - 11:52:53	

Note: In case of any failure(s), the retry button(s) will be enabled only after all the steps have been processed.

Note

- Whenever you perform any add or update in the *Branches –Setup* window, you must deploy the intercompany integration solution again.
- On deployment, the intercompany integration solution automatically assigns all active branches to the Bli user in all the branch enabled companies.

Caution

If you are setting-up the intercompany solution on already branch enabled companies then above three steps are not required. You need to perform the regular steps required to perform the intercompany solution setups.

4. You must assign the branches to the user. Every user must be assigned to at least one branch to be able to create any document.

6.1.1 Creating Intercompany Documents for Branches

6.1.1.1 G/L Allocations

In branch enabled Company, you must specify a *Branch Code* in the each top row when creating the following documents:

- G/L Branch Allocation
- G/L Allocation Posting Templates
- Recurring G/L Allocation Postings

If Receiver Company is branch enabled, you must specify the receiver company branch code in the bottom matrix for the following documents:

- G/L Branch Allocation
- G/L Allocation Posting Templates
- Recurring G/L Allocation Postings

- The system uses the *Receiver Branch Code* specified in the bottom matrix of the sender document to create the Journal Voucher/journal Entry in the receiver system.
- With allocation enhancement available for IC 2.0 PL30 or higher versions, user is now able to select branch(s) of the self company (provided it is Multi-Branch Enabled) in the lower matrix of the following features:
 - G/L Branch Allocation
 - G/L Allocation Posting Templates
 - Recurring G/L Allocation Postings
 - A/P Service Invoice Allocation (only for G/L Type)

6.1.1.2 Intercompany Trade

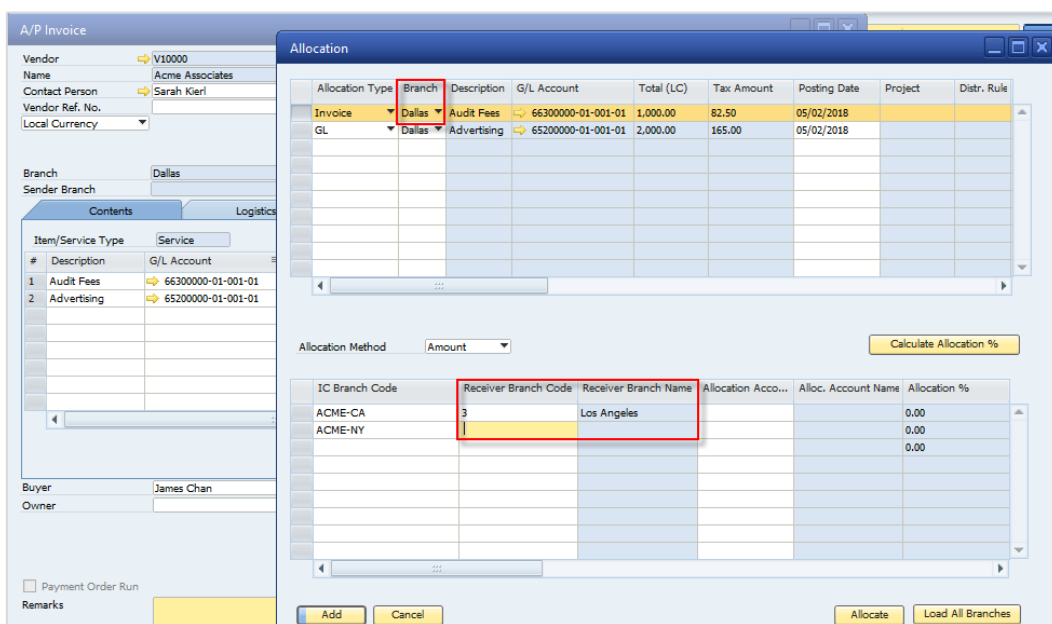
In branch enabled company, you must specify a branch in the header area when creating the intercompany type Sales and purchasing documents.

If Receiver Company is branch enabled, you must specify the receiver company branch code in the *Receiver Branch* field of sender documents.

- The system uses the *Receiver Branch* specify in the sender document to create the draft document in the receiver company.
- The system will not allow you to change the branch field value in the intercompany type draft receiver documents.

6.1.1.3 A/P Service Invoice Allocation

In branch enabled company, system automatically displays the branch as specified in the A/P service invoice. If Receiver Company is branch enabled, you must specify the receiver company branch code in the bottom matrix of allocation window.

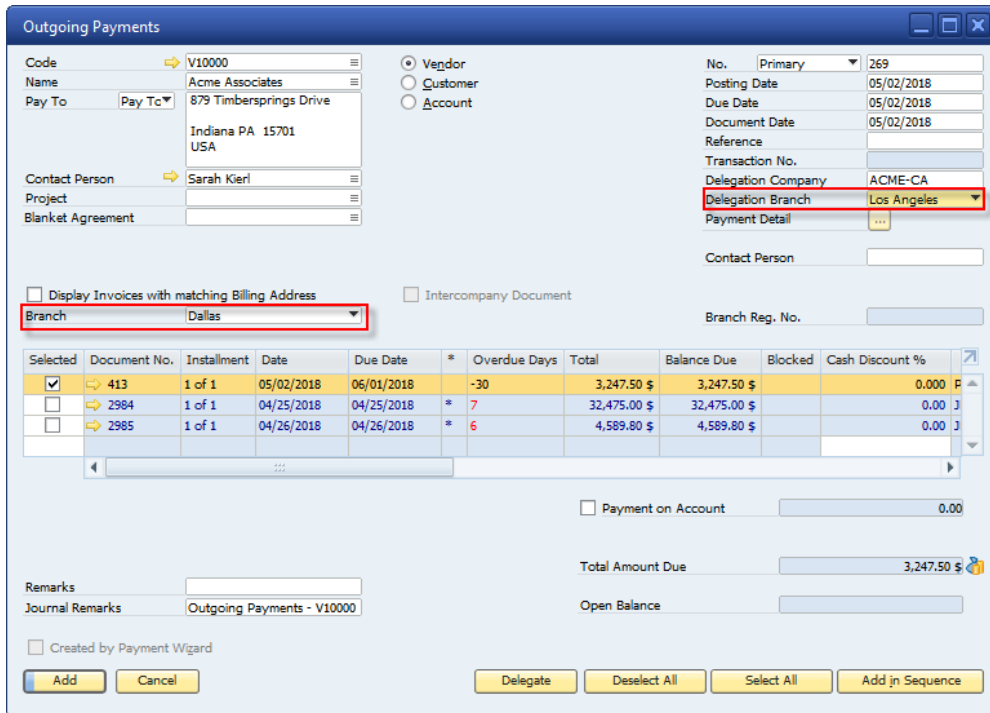


- The system uses the *Receiver Branch Code* specified in the bottom matrix of the sender document to create the Journal Voucher/ Journal Entry in the receiver system.
- With allocation enhancement available for IC 2.0 PL30 or higher versions, user is now able to select branch(s) of the self company (provided it is Multi-Branch Enabled) in the bottom matrix of the following features:
 - G/L Branch Allocation
 - G/L Allocation Posting Templates
 - Recurring G/L Allocation Postings
 - A/P Service Invoice Allocation (only for G/L Type)

6.1.1.4 Centralized Payment

In branch enabled company, you must specify a branch in the header area when delegating the payment line to the branch company.

If Receiver Company is branch enabled, you must specify the delegation branch in the sender documents.



The system uses the delegation branch code specified in the sender document for the journal Entry created in the receiver system.

6.1.1.5 Financial Consolidation

When you are consolidating the financial data from the branch enabled company to the consolidation company, system takes the values from the Branch (BPLId), Branch Name (BPLName) fields of the journal entry/journal voucher and transfer these values in to the Branch Code (U_CTX_BRCID), Branch Name (U_CTX_BRCNM) fields of the journal entry in the consolidation company.

- In Case of Multi-level consolidation, from the consolidation company, the values in the *Branch Code* (U_CTX_BRCID), *Branch Name* (U_CTX_BRCNM) fields of the journal entry goes in to the higher level of consolidation company in the *Branch Code* (U_CTX_BRCID), *Branch Name* (U_CTX_BRCNM) fields.
- You can view the data of an individual branch by filtering the SAP Business One financial reports in the *Branch Name* (U_CTX_BRCNM) field of the consolidation company.

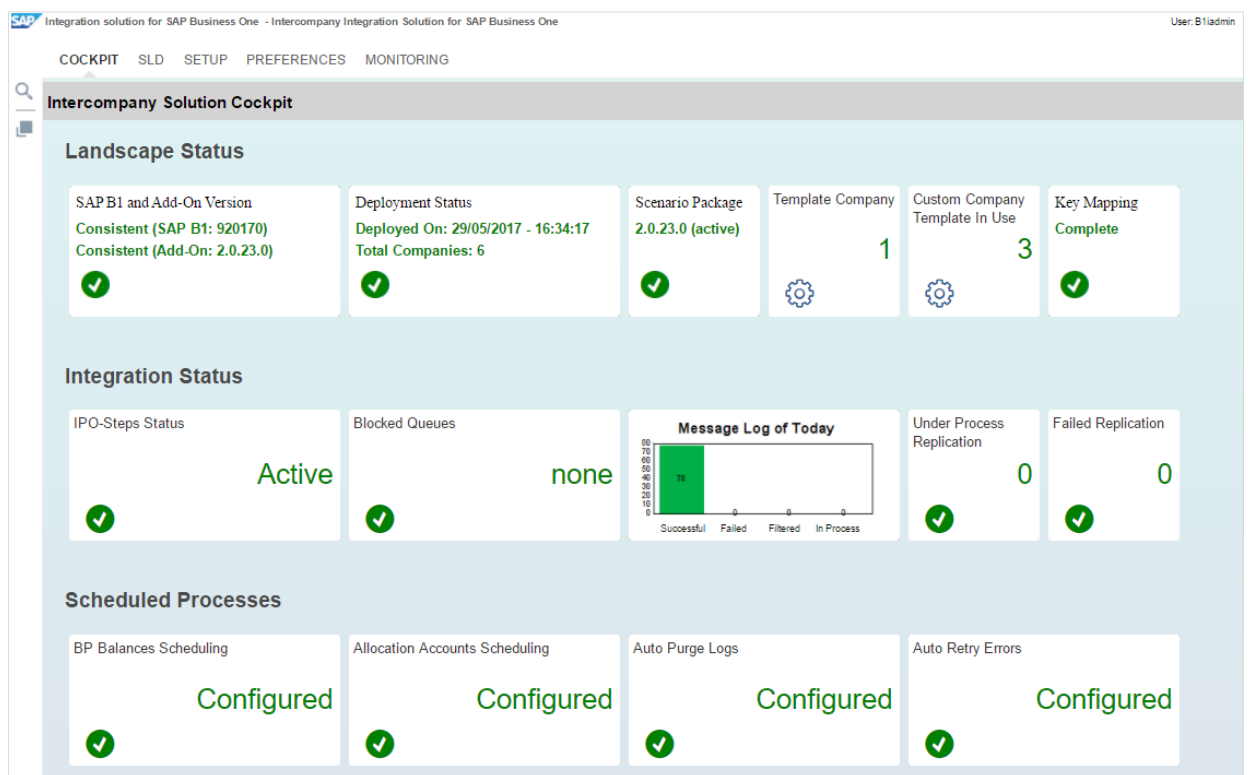
7 Monitoring and Managing Landscape

7.1 Intercompany Solution Cockpit

The intercompany solution cockpit allows user to view all intercompany relevant information from the single screen.

To open the cockpit, in the top menu bar of the *Administration Console*, choose the *Cockpit* option.

The application may take some time to display the Intercompany Solution Cockpit data.

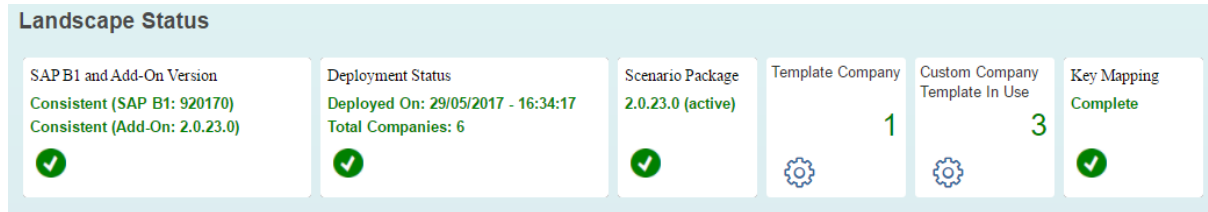


Intercompany solution cockpit has following sections:

- Landscape Status
- Integration Status
- Scheduled Processes
- Financial Consolidation and Trade Processes
- System Resource Information
- Server Status

7.1.1 Landscape Status

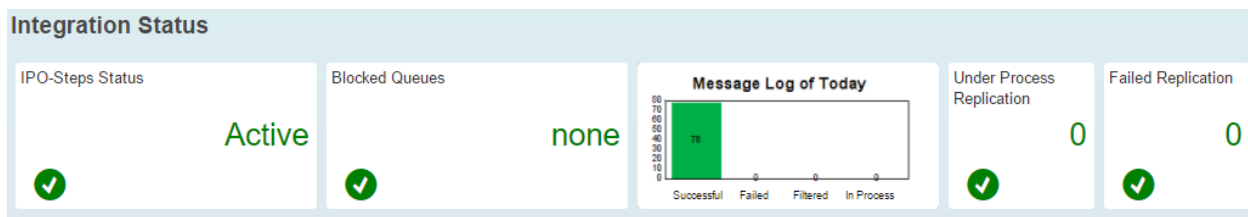
The following tiles are available in landscape section:



1. **SAP Business One and Add-on Version:**
This tile displays SAP Business One version and intercompany solution add-on version. Click on this tile to view the version details of SAP Business One, add-on and intercompany script.
2. **Deployment Status:**
This tile displays the deployment status of intercompany solution. You can click on this tile to view the detailed description of deployment including list of all deployed companies, last deployment date and time etc.
3. **Scenario Package:**
This tile displays the version of scenario package and displayed whether intercompany solution scenario package is currently active or inactive.
4. **Template Company:**
This tile displays the number of Template type companies that exist in the deployed solution, you can click on this tile to view the template companies available in the landscape.
5. **Custom Company Template in Use:**
This tile displays the number of custom company templates configured in the landscape, you can click on this tile to view the custom company templates assigned to the branch companies in the intercompany Landscape.
6. **Key Mapping:**
This tile displays the key mapping status whether it is complete or incomplete. You can click on this tile to view the key mapping master summary status.

7.1.2 Integration Status

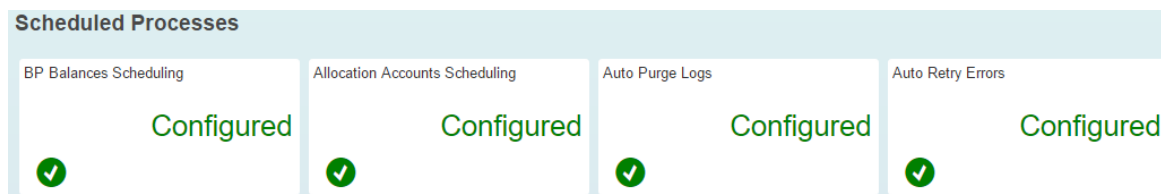
The following tiles are available in Integration status section:



1. **IPO Steps Status:**
This tile displays the IPO Step Status whether it is active or inactive, you can click on this tile to view the IPO Step status Panel.
2. **Blocked Queues:**
This tile display queue block information, you can click on this tile to view the blocked queue panel.
3. **Message Log of Today:**
This tile displays the graphical representations of intercompany message log. It displays the Successful, Failed, Filtered and In Processes messages count of current date, you can click on this tile to view the detail status in the intercompany message log screen,
4. **Under Process Replication:**
This tile displays the count of in process replications, clicking on this tile will open intercompany message log displaying the under process messages of current date.
5. **Failed Replication:**
This tile displays the count of failed replications, clicking on this tile will open intercompany message log displaying the failed messages of current date.

7.1.3 Scheduled Processes

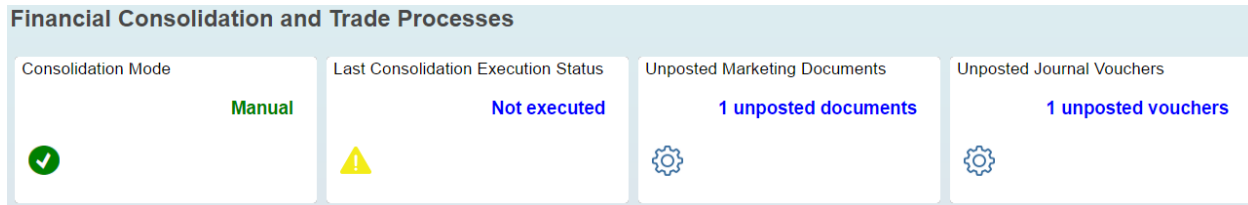
The following tiles are available in scheduled process section:



1. **BP Balances Scheduling:**
This tile displays the Business Partner balances scheduling status whether it is configured or not. Clicking on this tile will open the Consolidated Balances for Business Partners configuration screen.
2. **Allocation Accounts Scheduling:**
This tile displays the allocation account scheduling status whether it is configured or not for automatic synchronization of allocation accounts across branch companies, clicking on this tile will open the configuration screen for allocation account scheduling.
3. **Auto Purge Log:**
This tile displays auto purge log configuration status whether it is configured or not, clicking on this tile will open the manage log window.
4. **Auto Retry Errors:**
This tile displays the auto retry error configuration status whether auto retry error message is configured or not, clicking on this tile will open the auto retry on error window.

7.1.4 Financial Consolidation and Trade Processes

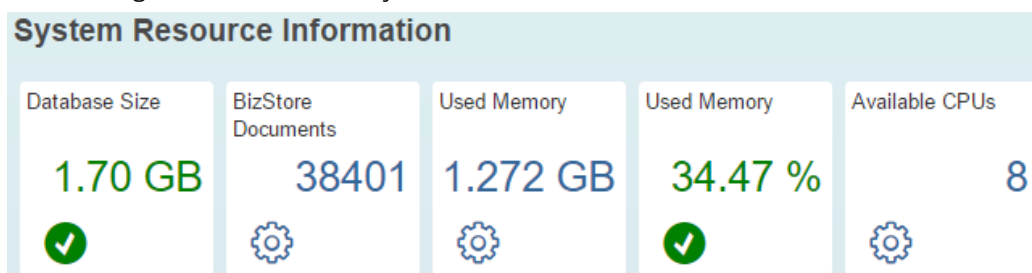
The following tiles are available in Financial Consolidation and Trade Processes section:



1. Consolidation Mode:
This tile displays whether consolidation mode is manual or automatic, clicking on this tile will display the consolidation mode of each branch company
2. Last Consolidation Execution Status:
This tile displays the last executed consolidation status, clicking on this tile will open the detailed consolidation execution status window.
3. Unposted Marketing Document:
This tile displays the number of unposted marketing documents, clicking on this tile will display the detailed description of unposted marketing documents across all participating branch companies.
4. Unposted Journal Vouchers:
This tile displays the number of unposted journal vouchers, clicking on this tile will display the detailed description of unposted journal vouchers across all participating branch companies.

7.1.5 System Resource Information

The following tiles are available in system resource information section:

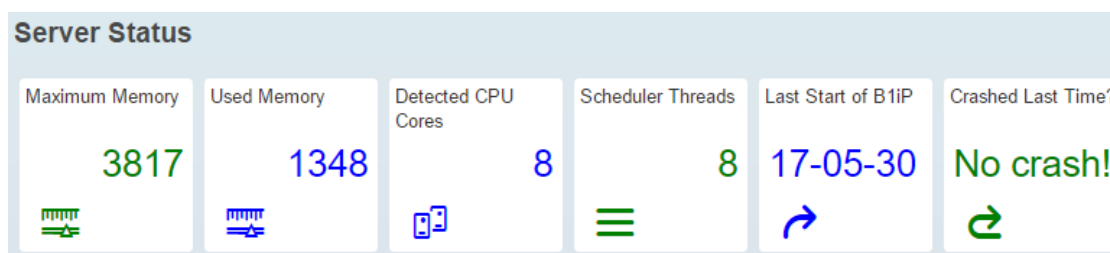


1. Database Size:
This tile displays the current size of integration framework database.
2. BizStore Documents:
This tile displays number of bizstore documents
3. Used Memory:
This tile displays memory consumption of integration framework.

4. Used memory:
This tile displays Percentage of integration framework memory consumption.
5. Available CPU:
This tile displays number of available CPUs.

7.1.6 Server Status

The following tiles are available in server status section:



1. Maximum Memory:
This tile displays maximum amount of memory in Mega Bytes available for B1iP. Clicking on this tile will display the current memory usage of B1iP.
2. Used Memory:
This tile displays memory used by B1iP in Mega Bytes, clicking on this tile will display the current memory usage of B1iP.
3. Detected CPU cores:
This tile displays number of detected CPU cores or processors. Clicking on this tile will display the current memory usage of B1iP.
4. Scheduler Threads:
This tile displays number of scheduler Threads in B1iP, clicking on this tile will display Summary of Current State of Internal Scheduler.
5. Last start of B1iP:
This tile displays time stamp of last B1iP start. Clicking on this tile display detailed Startup and Shutdown Events of B1iP.
6. Crashed last Time:
This tile displays whether B1iP aborted or shutdown, clicking on this tile display Detection of improper shutdowns of B1iP

7.2 Performing Database Maintenance

This section provides information about maintaining the intercompany integration solution landscape database created by the intercompany integration solution.

Note

The landscape database is created on the instance of the SAP Business One server running the Integration Solutions Installer.

7.2.1 Landscape Database Backup

To reduce the risk of data loss, ensure that you develop a strategy to back up the landscape database.

Recommendation

We recommend fully backing up the landscape database as often as you backup your company databases.

You must develop a backup policy.

- For SAP HANA databases, see the section *Backup Policy* in [SAP Business One Administrator's Guide, version for SAP HANA](#).
- For MS SQL databases, see the section *Maintaining Databases* in the [SAP Business One Administrator's Guide](#)

7.3 Restoring the Landscape Database

If a failure damages the system, in most cases, restoring the database will restore the integrity of the data.

You may be required to change hardware or reinstall the operating system before restoring your database.

Once the system is restored, you must restore your last full backup of the landscape database.

Recommendation

Ensure that a person familiar with the restore procedures is available during the database restoration.

Note

- After the landscape database is restored, you may be required to reinstall the intercompany integration solution.
- After the database has been restored, you must execute all steps for setting up the intercompany integration solution.

Recommendation

It is suggested to keep the transaction log file size of the Landscape database to a minimum.

8 Optimizing Performance

8.1 Performance Improvements

To improve performance running for MS SQL and SAP HANA databases, refer to Note [WDF 2353460](#).

8.2 Using DI Proxy Groups

To improve the intercompany transaction runtime performance, deploy multiple DI proxy instances for each company database.

To deploy multiple DI proxy instances, refer to Note [WDF 1975033](#).

To assign multiple DI proxy instances as a group to each company, refer to chapter 4 of "HowToUseEnhancedDIAdapter.pdf" attached to Note [WDF 1993784](#).

You can also refer to the clip - [Define Multiple Proxy Groups](#)

8.3 Changing Event Sender Settings

To change event sender settings, see the *SAP Business One Administrator's Guide* on [SAP Help Portal](#).

In the *Include List B1 Object(s)* field, enter the following comma separated list of object identifier of the SAP Business One objects to minimize the load on the integration server:

0,2,3,4,6,8,10,13,14,15,16,17,18,19,20,21,22,28,30,36,37,40,43,44,46,49,50,51,52,53,56,61,62,63,65,66,112,125,129,130,131,133,138,147,150,159,163,164,165,166,170,176,177,183,186,190,196,201,203,204,205,223,231,239,251,252,254,255,256,257,265,267,268,269,274,278,10000197,10000199,1320000032,1320000039,140000007,140000041,1470000035,1470000113,1720000001,234000004,234000031,234000032,254000014,540000042,540000065,540000066,540000067,540000068,UDT,-3@CTX_SOURCETAX,-3@CTX_SYNC,-3@CTX_GLB DATADIS,-3@CTX_ACCOUNTCLASS,-3@OE_SYNCHIS,-3@OE_SH_SYNC,-3@OE_PARENTEMAILSMS

In the *Exclude List B1 User* field enter B1i SAP Business One user name (not the user code) for which the event sender does not send events to the integration framework to minimize the load on integration server.

In case, you have enabled the replication of custom UDT(s) in *Preferences* page of *Administration Console*, then you must include the name of UDT(s) in the above list.

For example, if the UDT name is "Category" then include the following in the above list separated by comma: -3@Category

1 Note

To make the changes effective in the system the SAP Business One EventSender Service must be stopped and restarted again.

8.4 Deactivate sap.B1System package

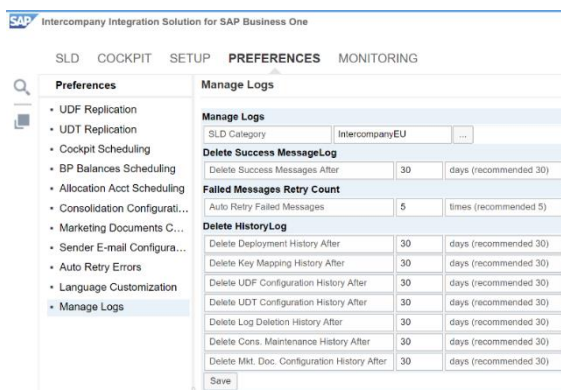
sap.B1System package is used to create B1 company system entries in [Integration Framework](#) → [SLD](#) → [B1iServer](#). When a company is added/deleted/updated, the package adds/deletes/updates the system id for the company accordingly. However, in the context of Intercompany Solution, we suggest you to deactivate the package to avoid system id changing during solution runtime which possibly results in queue blocking issue. Once you set up Intercompany landscape, please deactivate the package (go to [Integration Framework](#) → [Scenarios](#) → [Control](#) → [Deselect checkbox for package sap.B1System](#)).

1 Note

If you need to add a new company to Intercompany Landscape, you can manually create the system entry and re-deploy the solution. Refer to Note [WDF 2032666](#) for detailed instructions.

8.5 Manage Logs

To improve the performance and to have the best performance results ensure that the logs are managed. The configuration of logs deletion avoids unlimited database growing and slows down process executions. The number of [Auto Retry Failed Messages](#) is important as every retry is consuming hardware resources.



8.6 Auto Retry Errors

If an error occurs in case of missing data and the customer can solve it by himself, define the *Auto Retry Errors*, then the failed message will be re-sent in the predefined time and no manual action is required.

The screenshot displays the SAP Intercompany Integration Solution for SAP Business One interface. The main navigation bar includes SLD, COCKPIT, SETUP, PREFERENCES, and MONITORING. The left sidebar shows a 'Preferences' menu with options like UDF Replication, UDT Replication, Cockpit Scheduling, BP Balances Scheduling, Allocation Acct Scheduling, Consolidation Configurati..., Marketing Documents C..., Sender E-mail Configura..., Auto Retry Errors (highlighted), Language Customization, and Manage Logs. The main content area is titled 'Auto Retry on Errors' and contains the following sections:

- Setup Auto Retry on Errors**
- Configure Auto Retry Error**
 - SLD Category: IntercompanyEU
 - Run: Daily
 - At: Every 4 hours - recommended
- CurrentStatus**

Automatic retry of error messages is configured.
- Reset Auto Retry Error**

Note
Clicking the reset button will reset the auto retry error functionality and will cease any ongoing auto retry of error messages process.
Clicking the reset button will not impact any data in the participant companies.

9 Managing Security

This section explains how to implement a security policy for the intercompany integration solution for SAP Business One and provides recommendations for meeting security demands.

9.1 Managing Security of the Intercompany Landscape

The intercompany integration solution is powered by the SAP Integration Framework 2.0 (B1if) which manages and controls the security aspects related to the intercompany integration solution.

The integration framework security guide gives you information that explains how to implement a security policy and provides recommendations for meeting security demands for the integration framework.

To optimize the security of the intercompany integration solution, you should do the following:

- Implement security policies as suggested in the [Integration Framework - Online Help](#).
For more information, choose [Start](#) → [All programs](#) → [Integration solution for SAP Business One](#) → [Integration Framework](#), and then choose [Help](#) → [Online Help](#) → [Operations Part Two](#), section 3, Security
- Use the HTTPS protocol to access the [Administration Console](#).
- Assign a strong login password and change the password periodically.
- Create additional users for managing access to the [Administration Console](#). This avoids logins with the same credentials by multiple users, and thus produces traceability to specific users.
- Monitor audit logs to track changes regularly.
- To make communication safer, you have the option to use HTTPS for the sessions in the integration framework. On the server side you can configure the communication protocol (HTTP or HTTPS). On the client side, you have the option to switch to the HTTPS protocol. By default, the solution runs with HTTPS, and the integration framework allows incoming calls through HTTPS only.

Default: port 8080 for HTTP, or port 8443 for HTTPS

9.2 Managing Security of the Integration Solutions Add-On

To optimize the security of the integration solutions add-on, you should do the following:

- Implement security policies as suggested in the section [Managing Security in SAP Business One](#) in [SAP Business One Administrator's Guide](#) on [SAP Help Portal](#).
- Set up additional authorizations for the new screens created by the intercompany integration solution. Choose [Administration](#) → [System Initialization](#) → [Authorizations](#) → [General Authorizations](#).

In the [Subject](#) column, click on the arrow to expand the [User Authorization](#) field. Expand the [Intercompany](#) field and set up the relevant authorizations for the users.

- Change the encryption key periodically. Choose [Administration](#) → [Setup](#) → [Intercompany](#) → [Encryption Key](#).

- Use the HTTPS protocol for executing reports and consolidations. Choose *Administration* → *Setup* → *Intercompany* → *B1i Server Details*. Enter the following details:

Field Description	Definition
<i>HTTPS</i>	Check this box to enable the solution to use HTTPS.
<i>B1i Server Address</i>	Enter the server name of the B1i server.
<i>B1i Port</i>	Enter the HTTPS port of the B1i Server. The default port is 8443.
<i>User Name</i>	Enter the user name of an active B1iP user
<i>Password</i>	Enter the password of the B1iP user

 **Caution**

To use the HTTPS protocol, you must first configure the communication protocol on the server side and install the self-signed certificate generated during installation of the SAP Business One integration components.

For more information, see the *SAP Business One Administrator's Guide* on [SAP Help Portal](#).

10 Troubleshooting Tool for Intercompany Solution

The troubleshooting tool for Intercompany Solution is designed to help partners or customer to identify problems themselves or export all necessary information while creating support incidents.

With this tool, troubleshooting effort can be reduced significantly.

This tool automates checking:

- All version info and necessary information
- Pre-requisites based on functions, e.g. key mapping for master data replication, account mapping, B1i detailed server configuration for consolidation, etc.

For more information on this topic, refer to Note [WDF 2177037](#).

Note

Troubleshooting Tool is available only for Intercompany Solution running on Integration Framework 1.x for SAP Business One.

11 Appendix I

11.1 Master Data Replication

The following master data is common to all branch companies for all localizations of SAP Business One:

Master Data		
Account Classification	E-Mail Group	
Agent Code	Freight	Profit Center Setup
Bill of Materials	G/L Accounts	Profit Center Type
Business Partner Master Data	Industry	Projects
Cash Discount	Item Group	Special Prices for Business Partners
Contract Templates	Item Master Data	Service Contract
Countries	Item Property	States
County	Length and Width UOM	Translation
Currencies	Manual Distribution Rules Setup	Unit of Measure Groups
Customer Equipment Card	Manufacturers	Units of Measure
Customer Group	Order Interval	User Master
Discount Groups	Package Types	User's Group
Dimensions	Payment terms	Vendor Group
Distribution Rules Setup	Period and Volume Discount	Weight UOM
Exchange Rates	Price Lists	

The following master data is common to all branch companies **only** for the Brazil localization of SAP Business One:

Master Data		
Address Format	File Format	Dunning Terms
Bank Charges Allocation Code	Fuel Code	Name
Banks	Fuel Group	NCM Code
Beverage Combination	Holiday Dates	Occurrence Code
Beverage Commercial Brand	House Bank Accounts	Payment Blocks

Master Data		
Beverage Group	Income Nature Setup	Payment Methods
Beverage Table	Instruction	Portfolio
Business Partner Priorities	Indicators	Product Source Codes
Business Partner Properties	Language	Sales Person
Credit Cards	Material Group	Service Codes
CNAE Code	Movement Code	Service Group
Commission Groups	DNF Code	Shipping Type
Customs Group	Document Type	SPED Profile Setup

The following master data is common to all branch companies **only** for the India localization of SAP Business One:

Master Data
Chapter ID
SAC Code
Service Category

12 Appendix II

12.1 Replication Details

This section provides property level replication details for the US localization [taken here as example] master based on the default template provided in the company template configuration.

i Note

Properties eligible for replication can be referenced from the company template of the localization.

12.1.1 Business Partner Master Data

Property Name	Linked Object	Replicate	Mandatory
BusinessPartners->CardCode		Yes	True
BusinessPartners->CardName		Yes	True
BusinessPartners->CardType		Yes	True
BusinessPartners->CardForeignName		Yes	False
BusinessPartners->GroupCode	Business Partner Group	Yes	False
BusinessPartners->PayTermsGrpCode	Payment Terms	Yes	False
BusinessPartners->Currency	Currency	Yes	True
BusinessPartners->Phone1		Yes	False
BusinessPartners->Phone2		Yes	False
BusinessPartners->Fax		Yes	False
BusinessPartners->Cellular		Yes	False
BusinessPartners->EmailAddress		Yes	False
BusinessPartners->Website		Yes	False
BusinessPartners->Notes		Yes	False
BusinessPartners->ChannelBP	Business Partner	Yes	False
BusinessPartners->PartialDelivery		Yes	False
BusinessPartners->BackOrder		Yes	False
BusinessPartners->FatherCard	Business Partner	Yes	False
BusinessPartners->U_CTX_ICPC		Yes	True
BusinessPartners->U_CTX_ICP		Yes	True
BusinessPartners->U_CTX_REIC		Yes	True

Property Name	Linked Object	Replicate	Mandatory
BusinessPartners->U_CTX_TRUP		Yes	True
BusinessPartners->U_CTX_COCL		Yes	True
BusinessPartners->U_CTX_CRCD	Currency	Yes	True
BusinessPartners->PriceListNum	Price Lists	Yes	False
BusinessPartners->ShipToDefault		Yes	False
BusinessPartners->BilltoDefault		Yes	False
BusinessPartners->ContactPerson		Yes	False
BusinessPartners->FreeText		Yes	False
BusinessPartners->IntrestRatePercent		Yes	False
BusinessPartners->DiscountPercent		Yes	False
BusinessPartners->FatherType		Yes	False
BusinessPartners->FederalTaxID		Yes	False
BusinessPartners->AdditionalID/ID No. 2		Yes	False
BusinessPartners->DebitorAccount		Yes	False
BusinessPartners->Affiliate		Yes	False
BusinessPartners->NoDiscounts		Yes	False
BusinessPartners->EffectiveDiscount		Yes	False
BusinessPartners->GTSBillingAddrTel		No	False
BusinessPartners->GTSBankAccountNo		No	False
BusinessPartners->GTSRegNo		No	False
BusinessPartners->CompanyRegistrationNumber		No	False
BusinessPartners->VatIDNum		No	False
BusinessPartners->CreditLimit		No	False
BusinessPartners->MaxCommitment		No	False
BusinessPartners->DunningTerm	Dunning Terms	No	False
BusinessPartners->BankCountry	Country	No	False
BusinessPartners->DefaultAccount		No	False
BusinessPartners->DefaultBranch		No	False
BusinessPartners->DefaultBankCode		No	False
BusinessPartners->CreditCardCode	Credit Card	No	False
BusinessPartners->CreditCardNum		No	False
BusinessPartners->CreditCardExpiration		No	False
BusinessPartners->OwnerIDNumber		No	False
BusinessPartners->AvarageLate		No	False
BusinessPartners->Priority	BP Priority	No	False
BusinessPartners->HouseBank	Bank	No	False
BusinessPartners->HouseBankCountry	Country	No	False
BusinessPartners->HouseBankAccount	House Bank Account	No	False
BusinessPartners->HouseBankBranch		No	False

Property Name	Linked Object	Replicate	Mandatory
BusinessPartners->PaymentBlockDescription		No	False
BusinessPartners->PaymentBlock	Payment Blocks	No	False
BusinessPartners->SinglePayment		No	False
BusinessPartners->CollectionAuthorization		No	False
BusinessPartners->BankChargesAllocationCode		No	False
BusinessPartners->LanguageCode	Languages	No	False
BusinessPartners->SalesPersonCode	Sales Person	No	False
BusinessPartners->IBAN		No	False
BusinessPartners->Indicator	Factoring Indicators	No	False
BusinessPartners->BlockDunning		No	False
BusinessPartners->Properties1	BP Properties	No	False
BusinessPartners->Properties2	BP Properties	No	False
BusinessPartners->Properties3	BP Properties	No	False
BusinessPartners->Properties4	BP Properties	No	False
BusinessPartners->Properties5	BP Properties	No	False
BusinessPartners->Properties6	BP Properties	No	False
BusinessPartners->Properties7	BP Properties	No	False
BusinessPartners->Properties8	BP Properties	No	False
BusinessPartners->Properties9	BP Properties	No	False
BusinessPartners->Properties10	BP Properties	No	False
BusinessPartners->Properties11	BP Properties	No	False
BusinessPartners->Properties12	BP Properties	No	False
BusinessPartners->Properties13	BP Properties	No	False
BusinessPartners->Properties14	BP Properties	No	False
BusinessPartners->Properties15	BP Properties	No	False
BusinessPartners->Properties16	BP Properties	No	False
BusinessPartners->Properties17	BP Properties	No	False
BusinessPartners->Properties18	BP Properties	No	False
BusinessPartners->Properties19	BP Properties	No	False
BusinessPartners->Properties20	BP Properties	No	False
BusinessPartners->Properties21	BP Properties	No	False
BusinessPartners->Properties22	BP Properties	No	False
BusinessPartners->Properties23	BP Properties	No	False
BusinessPartners->Properties24	BP Properties	No	False
BusinessPartners->Properties25	BP Properties	No	False
BusinessPartners->Properties26	BP Properties	No	False
BusinessPartners->Properties27	BP Properties	No	False
BusinessPartners->Properties28	BP Properties	No	False
BusinessPartners->Properties29	BP Properties	No	False

Property Name	Linked Object	Replicate	Mandatory
BusinessPartners->Properties30	BP Properties	No	False
BusinessPartners->Properties31	BP Properties	No	False
BusinessPartners->Properties32	BP Properties	No	False
BusinessPartners->Properties33	BP Properties	No	False
BusinessPartners->Properties34	BP Properties	No	False
BusinessPartners->Properties35	BP Properties	No	False
BusinessPartners->Properties36	BP Properties	No	False
BusinessPartners->Properties37	BP Properties	No	False
BusinessPartners->Properties38	BP Properties	No	False
BusinessPartners->Properties39	BP Properties	No	False
BusinessPartners->Properties40	BP Properties	No	False
BusinessPartners->Properties41	BP Properties	No	False
BusinessPartners->Properties42	BP Properties	No	False
BusinessPartners->Properties43	BP Properties	No	False
BusinessPartners->Properties44	BP Properties	No	False
BusinessPartners->Properties45	BP Properties	No	False
BusinessPartners->Properties46	BP Properties	No	False
BusinessPartners->Properties47	BP Properties	No	False
BusinessPartners->Properties48	BP Properties	No	False
BusinessPartners->Properties49	BP Properties	No	False
BusinessPartners->Properties50	BP Properties	No	False
BusinessPartners->Properties51	BP Properties	No	False
BusinessPartners->Properties52	BP Properties	No	False
BusinessPartners->Properties53	BP Properties	No	False
BusinessPartners->Properties54	BP Properties	No	False
BusinessPartners->Properties55	BP Properties	No	False
BusinessPartners->Properties56	BP Properties	No	False
BusinessPartners->Properties57	BP Properties	No	False
BusinessPartners->Properties58	BP Properties	No	False
BusinessPartners->Properties59	BP Properties	No	False
BusinessPartners->Properties60	BP Properties	No	False
BusinessPartners->Properties61	BP Properties	No	False
BusinessPartners->Properties62	BP Properties	No	False
BusinessPartners->Properties63	BP Properties	No	False
BusinessPartners->Properties64	BP Properties	No	False
BusinessPartners->U_CTX_DSCD		Yes	True
BusinessPartners->AliasName		No	False
BusinessPartners->GlobalLocationNumber		No	False
BusinessPartners->ProjectCode	Project	No	False

Property Name	Linked Object	Replicate	Mandatory
BusinessPartners->ShippingType	Shipping Type	No	False
BusinessPartners->CommissionGroupCode	Commission Group	No	False
BusinessPartners->CommissionPercent		No	False
BusinessPartners->Valid		No	False
BusinessPartners->ValidFrom		No	False
BusinessPartners->ValidTo		No	False
BusinessPartners->ValidRemarks		No	False
BusinessPartners->Frozen		No	False
BusinessPartners->FrozenFrom		No	False
BusinessPartners->FrozenTo		No	False
BusinessPartners->FrozenRemarks		No	False
BusinessPartners->CompanyPrivate		No	False
BusinessPartners->Industry	Industry	No	False
BusinessPartners->U_B1SYS_FiscldType		No	False
BusinessPartners->VATRegistrationNumber		No	False
BusinessPartners->BusinessType		No	False
BusinessPartners->RepresentativeName		No	False
BusinessPartners->AgentCode	Agent	No	False
BusinessPartners->LinkedBusinessPartner	Business Partner	No	False
BusinessPartners->PriceMode			
BusinessPartners->EffectivePrice		Yes	False
BusinessPartners->ECommerceMerchantID		No	False
BusinessPartners->UseBillToAddrToDetermineTax		No	False
BusinessPartners->SubjectToWithholdingTax		No	False
BusinessPartners->CertificateNumber		No	False
BusinessPartners->ExpirationDate		No	False
BusinessPartners->NationalInsuranceNum		No	False
BusinessPartners->AccrualCriteria		No	False
BusinessPartners->TypeReport		No	False
BusinessPartners->ThresholdOverlook		No	False
BusinessPartners->SurchargeOverlook		No	False
BusinessPartners->VatLiable		No	False
BusinessPartners->IPACodeForPA		No	False
BusinessPartners->EDocPECAAddress		No	False
BPAddresses->AddressName		Yes	False
BPAddresses->Street		Yes	False
BPAddresses->Block		Yes	False
BPAddresses->ZipCode		Yes	False
BPAddresses->City		Yes	False

Property Name	Linked Object	Replicate	Mandatory
BPAddresses->County	County	Yes	False
BPAddresses->Country	Country	Yes	False
BPAddresses->State	State	Yes	False
BPAddresses->BuildingFloorRoom		Yes	False
BPAddresses->AddressType		Yes	False
BPAddresses->StreetNo		Yes	False
BPAddresses->FederalTaxID		No	False
BPAddresses->AddressName2		No	False
BPAddresses->AddressName3		No	False
BPAddresses->TypeOfAddress		No	False
BPAddresses->GlobalLocationNumber		No	False
BPAddresses->GSTIN		No	False
BPAddresses->GstType		No	False
ContactEmployees->Name		Yes	False
ContactEmployees->Position		Yes	False
ContactEmployees->Address		Yes	False
ContactEmployees->Phone1		Yes	False
ContactEmployees->Phone2		Yes	False
ContactEmployees->MobilePhone		Yes	False
ContactEmployees->Fax		Yes	False
ContactEmployees->E_Mail		Yes	False
ContactEmployees->Pager		Yes	False
ContactEmployees->Remarks1		Yes	False
ContactEmployees->Remarks2		Yes	False
ContactEmployees->Password		Yes	False
ContactEmployees->Title		Yes	False
ContactEmployees->Active		Yes	False
ContactEmployees->FirstName		Yes	False
ContactEmployees->MiddleName		Yes	False
ContactEmployees->LastName		Yes	False
ContactEmployees->PlaceOfBirth		No	False
ContactEmployees->DateOfBirth		No	False
ContactEmployees->Gender		No	False
ContactEmployees->Profession		No	False
ContactEmployees->CityOfBirth		No	False
ContactEmployees->EmailGroupCode	Email Group	No	False
BPPaymentMethods->PaymentMethodCode	Payment Methods	No	False
BPPaymentMethods->RowNumber		No	False
BPPaymentMethods->BPCode	Business Partner	No	False

Property Name	Linked Object	Replicate	Mandatory
BPBankAccounts->BPCode	Business Partner	No	False
BPBankAccounts->BankCode	Bank	No	False
BPBankAccounts->Country	Country	No	False
BPBankAccounts->AccountNo		No	False
BPBankAccounts->Branch		No	False
BPBankAccounts->Street		No	False
BPBankAccounts->BuildingFloorRoom		No	False
BPBankAccounts->Block		No	False
BPBankAccounts->ZipCode		No	False
BPBankAccounts->City		No	False
BPBankAccounts->County	County	No	False
BPBankAccounts->State	State	No	False
BPBankAccounts->ControlKey		No	False
BPBankAccounts->InternalKey		No	False
BPBankAccounts->ABARoutingNumber		No	False
BPBankAccounts->AccountName		No	False
BPBankAccounts->BICSwiftCode		No	False
BPBankAccounts->BIK		No	False
BPBankAccounts->CorrespondentAccount		No	False
BPBankAccounts->Fax		No	False
BPBankAccounts->IBAN		No	False
BPBankAccounts->MandatelD		No	False
BPFiscalTaxID->BPCode	Business Partner	No	False
BPFiscalTaxID->TaxId0/P.A.N. No.		No	False
BPFiscalTaxID->TaxId1		No	False
BPFiscalTaxID->TaxId2		No	False
BPFiscalTaxID->TaxId3		No	False
BPFiscalTaxID->TaxId4		No	False
BPFiscalTaxID->TaxId5		No	False
BPFiscalTaxID->TaxId6		No	False
BPFiscalTaxID->TaxId7		No	False
BPFiscalTaxID->TaxId8		No	False
BPFiscalTaxID->TaxId9		No	False
BPFiscalTaxID->CNAECode	CNAE Code	No	False
BPFiscalTaxID->TaxId10		No	False
BPFiscalTaxID->TaxId11		No	False
BPFiscalTaxID->Address		No	False
BPPaymentDates->PaymentDate		Yes	False
BusinessPartners->LinkedBusinessPartner	Business Partner	No	False

Property Name	Linked Object	Replicate	Mandatory
BusinessPartners->PriceMode		No	False
BusinessPartners->EffectivePrice		Yes	False
BusinessPartners->U_B1SYS_FiscldType*		No	False
BusinessPartners->VATRegistrationNumber*		No	False
BusinessPartners->BusinessType*		No	False
BusinessPartners->RepresentativeName*		No	False

1 Note

- Once the business partner is marked as global, the business partner *CardCode* cannot be updated.
- The linked business partner should also be global for global business partner.
- The properties marked as (*) can only be enabled for replication in the general template.

12.1.2 Item Master Data

Property Name	Linked Object	Replicate	Mandatory
Items->ItemCode		Yes	True
Items->ItemName		Yes	True
Items->BarCode		Yes	False
Items->ForeignName		Yes	False
Items->ItemsGroupCode	Item Group	Yes	False
Items->InventoryItem		Yes	True
Items->PurchaseItem		Yes	True
Items->SalesItem		Yes	True
Items->AssetItem		Yes	True
Items->WTLiable		Yes	False
Items->Manufacturer	Manufacturer	No	False
Items->SWW		Yes	False
Items->ShipType	Shipping Type	No	False
Items->ManageBatchNumbers		Yes	False
Items->ManageSerialNumbers		Yes	False
Items->SRIAndBatchManageMethod		Yes	False
Items->ManageSerialNumbersOnReleaseOnly		Yes	False
Items->IsPhantom		Yes	False
Items->U_CTX_TRUP		Yes	True
Items->U_CTX_REIC		Yes	True
Items->Mainsupplier		Yes	False
Items->SupplierCatalogNo		Yes	False

Property Name	Linked Object	Replicate	Mandatory
Items->PurchaseUnit		Yes	False
Items->PurchaseItemsPerUnit		Yes	False
Items->PurchasePackagingUnit		Yes	False
Items->PurchaseQtyPerPackUnit		Yes	False
Items->CustomsGroupCode	Customs Groups	No	False
Items->PurchaseUnitHeight		Yes	False
Items->PurchaseHeightUnit	Length Measures	Yes	False
Items->PurchaseUnitHeight1		Yes	False
Items->PurchaseHeightUnit1		Yes	False
Items->PurchaseUnitWidth		Yes	False
Items->PurchaseWidthUnit	Length Measures	Yes	False
Items->PurchaseUnitWidth1		Yes	False
Items->PurchaseWidthUnit1		Yes	False
Items->PurchaseUnitLength		Yes	False
Items->PurchaseLengthUnit	Length Measures	Yes	False
Items->PurchaseUnitLength1		Yes	False
Items->PurchaseLengthUnit1		Yes	False
Items->PurchaseUnitVolume		Yes	False
Items->PurchaseVolumeUnit	Length Measures	Yes	False
Items->PurchaseUnitWeight		Yes	False
Items->PurchaseWeightUnit	Weight Measures	Yes	False
Items->PurchaseUnitWeight1		Yes	False
Items->PurchaseWeightUnit1		Yes	False
Items->PurchaseFactor1		Yes	False
Items->PurchaseFactor2		Yes	False
Items->PurchaseFactor3		Yes	False
Items->PurchaseFactor4		Yes	False
Items->SalesUnit		Yes	False
Items->SalesItemsPerUnit		Yes	False
Items->SalesPackagingUnit		Yes	False
Items->SalesQtyPerPackUnit		Yes	False
Items->SalesUnitHeight		Yes	False
Items->SalesHeightUnit	Length Measures	Yes	False
Items->SalesUnitHeight1		Yes	False
Items->SalesHeightUnit1		Yes	False
Items->SalesUnitWidth		Yes	False
Items->SalesWidthUnit	Length Measures	Yes	False
Items->SalesUnitWidth1		Yes	False
Items->SalesWidthUnit1		Yes	False

Property Name	Linked Object	Replicate	Mandatory
Items->SalesUnitLength		Yes	False
Items->SalesLengthUnit	Length Measures	Yes	False
Items->SalesUnitLength1		Yes	False
Items->SalesLengthUnit1		Yes	False
Items->SalesUnitVolume		Yes	False
Items->SalesVolumeUnit	Length Measures	Yes	False
Items->SalesUnitWeight		Yes	False
Items->SalesWeightUnit	Weight Measures	Yes	False
Items->SalesUnitWeight1		Yes	False
Items->SalesWeightUnit1		Yes	False
Items->SalesFactor1		Yes	False
Items->SalesFactor2		Yes	False
Items->SalesFactor3		Yes	False
Items->SalesFactor4		Yes	False
Items->ProductSource	Product Source Codes	No	False
Items->Properties1	Item Properties	Yes	False
Items->Properties2	Item Properties	Yes	False
Items->Properties3	Item Properties	Yes	False
Items->Properties4	Item Properties	Yes	False
Items->Properties5	Item Properties	Yes	False
Items->Properties6	Item Properties	Yes	False
Items->Properties7	Item Properties	Yes	False
Items->Properties8	Item Properties	Yes	False
Items->Properties9	Item Properties	Yes	False
Items->Properties10	Item Properties	Yes	False
Items->Properties11	Item Properties	Yes	False
Items->Properties12	Item Properties	Yes	False
Items->Properties13	Item Properties	Yes	False
Items->Properties14	Item Properties	Yes	False
Items->Properties15	Item Properties	Yes	False
Items->Properties16	Item Properties	Yes	False
Items->Properties17	Item Properties	Yes	False
Items->Properties18	Item Properties	Yes	False
Items->Properties19	Item Properties	Yes	False
Items->Properties20	Item Properties	Yes	False
Items->Properties21	Item Properties	Yes	False
Items->Properties22	Item Properties	Yes	False
Items->Properties23	Item Properties	Yes	False
Items->Properties24	Item Properties	Yes	False

Property Name	Linked Object	Replicate	Mandatory
Items->Properties25	Item Properties	Yes	False
Items->Properties26	Item Properties	Yes	False
Items->Properties27	Item Properties	Yes	False
Items->Properties28	Item Properties	Yes	False
Items->Properties29	Item Properties	Yes	False
Items->Properties30	Item Properties	Yes	False
Items->Properties31	Item Properties	Yes	False
Items->Properties32	Item Properties	Yes	False
Items->Properties33	Item Properties	Yes	False
Items->Properties34	Item Properties	Yes	False
Items->Properties35	Item Properties	Yes	False
Items->Properties36	Item Properties	Yes	False
Items->Properties37	Item Properties	Yes	False
Items->Properties38	Item Properties	Yes	False
Items->Properties39	Item Properties	Yes	False
Items->Properties40	Item Properties	Yes	False
Items->Properties41	Item Properties	Yes	False
Items->Properties42	Item Properties	Yes	False
Items->Properties43	Item Properties	Yes	False
Items->Properties44	Item Properties	Yes	False
Items->Properties45	Item Properties	Yes	False
Items->Properties46	Item Properties	Yes	False
Items->Properties47	Item Properties	Yes	False
Items->Properties48	Item Properties	Yes	False
Items->Properties49	Item Properties	Yes	False
Items->Properties50	Item Properties	Yes	False
Items->Properties51	Item Properties	Yes	False
Items->Properties52	Item Properties	Yes	False
Items->Properties53	Item Properties	Yes	False
Items->Properties54	Item Properties	Yes	False
Items->Properties55	Item Properties	Yes	False
Items->Properties56	Item Properties	Yes	False
Items->Properties57	Item Properties	Yes	False
Items->Properties58	Item Properties	Yes	False
Items->Properties59	Item Properties	Yes	False
Items->Properties60	Item Properties	Yes	False
Items->Properties61	Item Properties	Yes	False
Items->Properties62	Item Properties	Yes	False
Items->Properties63	Item Properties	Yes	False

Property Name	Linked Object	Replicate	Mandatory
Items->Properties64	Item Properties	Yes	False
Items->User_Text		Yes	False
Items->InventoryUOM		Yes	False
Items->GLMethod		No	False
Items->CostAccountingMethod		Yes	False
Items->OutgoingServiceCode	Service Code	No	False
Items->IncomingServiceCode	Service Code	No	False
Items->ServiceGroup	Service Code	No	False
Items->NCMCode/COT Code/Codigo MTX	NCM Code	No	False
Items->MaterialType		No	False
Items->MaterialGroup	Material Group	No	False
Items->DNFEntry	DNF Code	No	False
Items->ItemType		Yes	False
Items->FuelID	Fuel Code	No	False
Items->BeverageTableCode	Beverage Group	No	False
Items->BeverageGroupCode	Beverage Group	No	False
Items->BeverageCommercialBrandCode	Fuel Group	No	False
Items->ItemClass		No	False
Items->PreferredVendors	Business Partner	Yes	False
Items->VatLiable		No	False
Items->IndirectTax		No	False
Items->GTSItemSpec		No	False
Items->GTSItemTaxCategory		No	False
Items->NoDiscounts		Yes	False
Items->UoMGroupEntry	Unit of Measurement Groups	Yes	False
Items->InventoryUoMEntry	Units of Measurement	Yes	False
Items->DefaultPurchasingUoMEntry	Units of Measurement	Yes	False
Items->DefaultSalesUoMEntry	Units of Measurement	Yes	False
Items->U_CTX_DSCD		Yes	True
Items->AutoCreateSerialNumbersOnRelease		No	False
Items->CommissionGroup		No	False
Items->CommissionPercent		No	False
Items->CommissionSum		No	False
Items->IssuePrimarilyBy		No	False
Items->WarrantyTemplate	Contract Templates	No	False
Items->Valid		No	False
Items->ValidFrom		No	False
Items->ValidTo		No	False
Items->ValidRemarks		No	False

Property Name	Linked Object	Replicate	Mandatory
Items->Frozen		No	False
Items->FrozenFrom		No	False
Items->FrozenTo		No	False
Items->FrozenRemarks		No	False
Items->ItemCountryOrg	Country	No	False
Items->InventoryWeight		No	False
Items->InventoryWeightUnit	Weight Measures	No	False
Items->ApTaxCode		No	False
Items->ArTaxCode		No	False
Items->ChapterID/HSN	Chapter ID	No	False
Items->PricingUnit	Units of Measurement	Yes	False
Items->GSTRelevnt		No	False
Items->GSTTaxCategory		No	False
Items->CapitalGoodsOnHoldPercent		No	False
Items->CapitalGoodsOnHoldLimit		No	False
Items->AssessableValue		No	False
Items->AssVal4WTR		No	False
Items->SACEntry	SAC Code	No	False
Items->ServiceCategoryEntry	Service Categories	No	False
Items->PlanningSystem		No	False
Items->ProcurementMethod		No	False
Items->ComponentWarehouse		No	False
Items->OrderIntervals	Order Interval	No	False
Items->OrderMultiple		No	False
Items->MinOrderQuantity		No	False
Items->LeadTime		No	False
Items->ToleranceDays		No	False
LocalizationInfos->ItemCode	Items	No	False
LocalizationInfos->IncomeNature	SPED Profile Setup	No	False
ItemPreferredVendors->BPCode	Business Partner	Yes	False
ItemUnitOfMeasurement->UoMType		Yes	False
ItemUnitOfMeasurement->UoMEntry	Units of Measurement	Yes	False
ItemUnitOfMeasurement->DefaultBarcode	Bar Codes	Yes	False
ItemUnitOfMeasurement->DefaultPackage	Package Types	Yes	False
ItemUnitOfMeasurement->Length1		Yes	False
ItemUnitOfMeasurement->Length1Unit	Length Measures	Yes	False
ItemUnitOfMeasurement->Length2		Yes	False
ItemUnitOfMeasurement->Length2Unit	Length Measures	Yes	False
ItemUnitOfMeasurement->Width1		Yes	False

Property Name	Linked Object	Replicate	Mandatory
ItemUnitOfMeasurement->Width1Unit	Length Measures	Yes	False
ItemUnitOfMeasurement->Width2		Yes	False
ItemUnitOfMeasurement->Width2Unit	Length Measures	Yes	False
ItemUnitOfMeasurement->Height1		Yes	False
ItemUnitOfMeasurement->Height1Unit	Length Measures	Yes	False
ItemUnitOfMeasurement->Height2		Yes	False
ItemUnitOfMeasurement->Height2Unit	Length Measures	Yes	False
ItemUnitOfMeasurement->Volume		Yes	False
ItemUnitOfMeasurement->VolumeUnit	Length Measures	Yes	False
ItemUnitOfMeasurement->Weight1		Yes	False
ItemUnitOfMeasurement->Weight1Unit	Weight Measures	Yes	False
ItemUnitOfMeasurement->Weight2		Yes	False
ItemUnitOfMeasurement->Weight2Unit	Weight Measures	Yes	False
ItemUoMPackage->UoMEntry	Units of Measurement	Yes	False
ItemUoMPackage->PackageTypeEntry	Package Types	Yes	False
ItemUoMPackage->Length1		Yes	False
ItemUoMPackage->Length1Unit	Length Measures	Yes	False
ItemUoMPackage->Length2		Yes	False
ItemUoMPackage->Length2Unit	Length Measures	Yes	False
ItemUoMPackage->Width1		Yes	False
ItemUoMPackage->Width1Unit	Length Measures	Yes	False
ItemUoMPackage->Width2		Yes	False
ItemUoMPackage->Width2Unit	Length Measures	Yes	False
ItemUoMPackage->Height1		Yes	False
ItemUoMPackage->Height1Unit	Length Measures	Yes	False
ItemUoMPackage->Height2		Yes	False
ItemUoMPackage->Height2Unit	Length Measures	Yes	False
ItemUoMPackage->Volume		Yes	False
ItemUoMPackage->VolumeUnit	Length Measures	Yes	False
ItemUoMPackage->Weight1		Yes	False
ItemUoMPackage->Weight1Unit	Weight Measures	Yes	False
ItemUoMPackage->Weight2		Yes	False
ItemUoMPackage->Weight2Unit	Weight Measures	Yes	False
ItemUoMPackage->QuantityPerPackage		Yes	False
ItemBarCodes->AbsEntry		Yes	False
ItemBarCodes->UoMEntry		Yes	False
ItemBarCodes->Barcode		Yes	False
ItemBarCodes->FreeText		Yes	False
UoMPrices->PriceList	Price Lists	Yes	False

Property Name	Linked Object	Replicate	Mandatory
UoMPrices->UoMEntry	Units of Measurement	Yes	False
UoMPrices->ReduceBy		Yes	False
UoMPrices->Price		Yes	False
UoMPrices->Currency	Currency	Yes	False
UoMPrices->AdditionalReduceBy1		Yes	False
UoMPrices->AdditionalPrice1		Yes	False
UoMPrices->AdditionalCurrency1	Currency	Yes	False
UoMPrices->AdditionalReduceBy2		Yes	False
UoMPrices->AdditionalPrice2		Yes	False
UoMPrices->AdditionalCurrency2	Currency	Yes	False
UoMPrices->Auto		Yes	False
ItemIntrastatExtension->ItemCode		No	False
ItemIntrastatExtension->CommodityCode		No	False
ItemIntrastatExtension->CountryOfOrigin	Country	No	False
ItemIntrastatExtension->IntrastatRelevant		No	False
Items->PricingUnit	Units of Measurement	Yes	False
Items->ChapterID/HSN *	Chapter ID	No	False

i Note

- Once the item master has been added to the global master data, the *Item Number* property cannot be updated.
- The *Unit Price* property will only be updated for global price lists.
- Only *Preferred Vendors* which are marked as global are replicated to branch companies.
- To replicate UDF's on Item master data refer the section *Setting Up Replication of User Defined Fields (UDFs)* of this document
- The *Purchase Tax Code* and *Sales Tax Code* properties linked to IEPS will only be available for replication in Mexico localization.
- The properties marked as (*) can only be enabled for replication in the general template.

12.1.3 Bill of Materials

Property Name	Linked Object	Replicate	Mandatory
ProductTrees->TreeCode		Yes	True
ProductTrees->TreeType		Yes	True
ProductTrees->Quantity		Yes	True
ProductTrees->U_CTX_REIC		Yes	True
ProductTrees->DistributionRule	Distribution Rules	Yes	False
ProductTrees->DistributionRule2	Distribution Rules	Yes	False

Property Name	Linked Object	Replicate	Mandatory
ProductTrees->DistributionRule3	Distribution Rules	Yes	False
ProductTrees->DistributionRule4	Distribution Rules	Yes	False
ProductTrees->DistributionRule5	Distribution Rules	Yes	False
ProductTrees->U_CTX_DSCD		Yes	True
ProductTrees->PriceList		Yes	True
ProductTrees->Project	Project	No	False
ProductTrees_Lines->ItemCode	Items	Yes	True
ProductTrees_Lines->Quantity		Yes	True
ProductTrees_Lines->Comment		Yes	False
ProductTrees_Lines->ParentItem	Items	Yes	True
ProductTrees_Lines->PriceList	Price Lists	Yes	True
ProductTrees_Lines->DistributionRule	Distribution Rules	Yes	False
ProductTrees_Lines->DistributionRule2	Distribution Rules	Yes	False
ProductTrees_Lines->DistributionRule3	Distribution Rules	Yes	False
ProductTrees_Lines->DistributionRule4	Distribution Rules	Yes	False
ProductTrees_Lines->DistributionRule5	Distribution Rules	Yes	False
ProductTrees_Lines->Currency	Currency	Yes	True
ProductTrees_Lines->IssueMethod		Yes	False
ProductTrees_Lines->Price		Yes	True
ProductTrees_Lines->Project	Project	No	False

i Note

- The *Unit Price* property will only be updated for global price lists.
- In SAP Business One 9.2 and above, Bill of Materials which is having only Item type rows can mark as *Global BOM*.

12.1.4 Contract Templates

Property Name	Linked Object	Replicate	Mandatory
ContractTemplates->TemplateName		Yes	True
ContractTemplates->TemplatelsDeleted		Yes	True
ContractTemplates->TemplatelsRenewal		Yes	True
ContractTemplates->RemindBeforeRenewal		Yes	False
ContractTemplates->RemindUnit		Yes	False
ContractTemplates->DurationOfCoverage		Yes	False
ContractTemplates->ResolutionTime		Yes	False
ContractTemplates->ResolutionUnit		Yes	False

Property Name	Linked Object	Replicate	Mandatory
ContractTemplates->Description		Yes	True
ContractTemplates->ContractType		Yes	True
ContractTemplates->MondayEnabled		Yes	False
ContractTemplates->TuesdayEnabled		Yes	False
ContractTemplates->WednesdayEnabled		Yes	False
ContractTemplates->ThursdayEnabled		Yes	False
ContractTemplates->FridayEnabled		Yes	False
ContractTemplates->SaturdayEnabled		Yes	False
ContractTemplates->SundayEnabled		Yes	False
ContractTemplates->MondayStart		Yes	False
ContractTemplates->MondayEnd		Yes	False
ContractTemplates->TuesdayStart		Yes	False
ContractTemplates->TuesdayEnd		Yes	False
ContractTemplates->WednesdayStart		Yes	False
ContractTemplates->WednesdayEnd		Yes	False
ContractTemplates->ThursdayStart		Yes	False
ContractTemplates->ThursdayEnd		Yes	False
ContractTemplates->FridayStart		Yes	False
ContractTemplates->FridayEnd		Yes	False
ContractTemplates->SaturdayStart		Yes	False
ContractTemplates->SaturdayEnd		Yes	False
ContractTemplates->SundayStart		Yes	False
ContractTemplates->SundayEnd		Yes	False
ContractTemplates->IncludeParts		Yes	False
ContractTemplates->IncludeLabor		Yes	False
ContractTemplates->IncludeTravel		Yes	False
ContractTemplates->Remarks		Yes	False
ContractTemplates->IncludeHolidays		Yes	False
ContractTemplates->ResponseValue		Yes	False
ContractTemplates->ResponseUnit		Yes	False
ContractTemplates->U_CTX_GUID		Yes	True
ContractTemplates->U_CTX_Bli		Yes	True
ContractTemplates->U_CTX_OTMPNM		Yes	True

i Note

Changing the contract *Template Name* will create a new contract template in the receiver systems.

12.1.5 Service Contract

Property Name	Linked Object	Replicate	Mandatory
ServiceContracts->CustomerCode	Business Partner	Yes	True
ServiceContracts->CustomerName		Yes	True
ServiceContracts->Description		Yes	True
ServiceContracts->StartDate		Yes	True
ServiceContracts->EndDate		Yes	True
ServiceContracts->ServiceType		Yes	True
ServiceContracts->ContractTemplate	Contract Templates	Yes	True
ServiceContracts->ContractType		Yes	True
ServiceContracts->ResponseTime		Yes	False
ServiceContracts->ResponseUnit		Yes	False
ServiceContracts->ResolutionTime		Yes	False
ServiceContracts->ResolutionUnit		Yes	False
ServiceContracts->Remarks		Yes	False
ServiceContracts->Status		Yes	True
ServiceContracts->Renewal		Yes	True
ServiceContracts->MondayEnabled		Yes	False
ServiceContracts->MondayStart		Yes	False
ServiceContracts->MondayEnd		Yes	False
ServiceContracts->TuesdayEnabled		Yes	False
ServiceContracts->TuesdayStart		Yes	False
ServiceContracts->TuesdayEnd		Yes	False
ServiceContracts->WednesdayEnabled		Yes	False
ServiceContracts->WednesdayStart		Yes	False
ServiceContracts->WednesdayEnd		Yes	False
ServiceContracts->ThursdayEnabled		Yes	False
ServiceContracts->ThursdayStart		Yes	False
ServiceContracts->ThursdayEnd		Yes	False
ServiceContracts->FridayEnabled		Yes	False
ServiceContracts->FridayStart		Yes	False
ServiceContracts->FridayEnd		Yes	False
ServiceContracts->SaturdayEnabled		Yes	False
ServiceContracts->SaturdayStart		Yes	False
ServiceContracts->SaturdayEnd		Yes	False
ServiceContracts->SundayEnabled		Yes	False
ServiceContracts->SundayStart		Yes	False
ServiceContracts->SundayEnd		Yes	False
ServiceContracts->IncludeLabor		Yes	False

Property Name	Linked Object	Replicate	Mandatory
ServiceContracts->IncludeParts		Yes	False
ServiceContracts->IncludeTravel		Yes	False
ServiceContracts->IncludeHolidays		Yes	False
ServiceContracts->TerminationDate		Yes	True
ServiceContracts->ReminderTime		Yes	False
ServiceContracts->RemindUnit		Yes	False
ServiceContracts->U_CTX_URSG		Yes	True
ServiceContracts->U_CTX_GUID		Yes	True
ServiceContracts->U_CTX_Bli		Yes	True
ServiceContract_Lines->ItemCode	Items	Yes	True
ServiceContract_Lines->ItemGroup	Item Group	Yes	True
ServiceContract_Lines->ItemName		Yes	True
ServiceContract_Lines->ManufacturerSerialNum		Yes	True
ServiceContract_Lines->InternalSerialNum		Yes	True
ServiceContract_Lines->StartDate		Yes	True
ServiceContract_Lines->EndDate		Yes	True
ServiceContract_Lines->TerminationDate		Yes	True

12.1.6 Customer Equipment Card

Property Name	Linked Object	Replicate	Mandatory
CustomerEquipmentCards->ManufacturerSerialNum		Yes	True
CustomerEquipmentCards->ItemCode	Items	Yes	True
CustomerEquipmentCards->CustomerCode	Business Partner	Yes	True
CustomerEquipmentCards->InternalSerialNum		Yes	True
CustomerEquipmentCards->Street		Yes	False
CustomerEquipmentCards->Block		Yes	False
CustomerEquipmentCards->BuildingFloorRoom		Yes	False
CustomerEquipmentCards->City		Yes	False
CustomerEquipmentCards->County	County	Yes	False
CustomerEquipmentCards->ZipCode		Yes	False
CustomerEquipmentCards->StateCode	State	Yes	False
CustomerEquipmentCards->CountryCode	Country	Yes	False
CustomerEquipmentCards->InstallLocation		Yes	False
CustomerEquipmentCards->CustomerName		Yes	True
CustomerEquipmentCards->DirectCustomerCode	Business Partner	Yes	False

Property Name	Linked Object	Replicate	Mandatory
CustomerEquipmentCards->DirectCustomerName		Yes	False
CustomerEquipmentCards->ItemDescription		Yes	True
CustomerEquipmentCards->U_CTX_GUID		Yes	True

12.1.7 Currency Master

Property Name	Linked Object	Replicate	Mandatory
Currencies->Code		Yes	True
Currencies->Name		Yes	True
Currencies->DocumentsCode		Yes	True
Currencies->InternationalDescription		Yes	False
Currencies->HundredthName		Yes	False
Currencies->EnglishName		Yes	False
Currencies->EnglishHundredthName		Yes	False
Currencies->Rounding		Yes	False
Currencies->Decimals		Yes	False
Currencies->MaxIncomingAmtDiff		No	False
Currencies->MaxIncomingAmtDiffPercent		No	False
Currencies->MaxOutgoingAmtDiff		No	False
Currencies->MaxOutgoingAmtDiffPercent		No	False
Currencies->RoundingInPayment		No	False

12.1.8 Freight Setup

Property Name	Linked Object	Replicate	Mandatory
AdditionalExpenses->Name		Yes	True
AdditionalExpenses->DistributionMethod		Yes	False
AdditionalExpenses->DrawingMethod		Yes	False
AdditionalExpenses->Stock		Yes	False
AdditionalExpenses->LastPurchasePrice		Yes	False
AdditionalExpenses->FreightType		No	False
AdditionalExpenses->GrossFreight		Yes	False
AdditionalExpenses->FixedAmountExpenses		Yes	False
AdditionalExpenses->FixedAmountRevenues		Yes	False

12.1.9 Length & Width Unit of Measure

Property Name	Linked Object	Replicate	Mandatory
LengthMeasures->UnitDisplay		Yes	True
LengthMeasures->UnitName		Yes	True
LengthMeasures->UnitCodeforQuantityDisplay		Yes	True
LengthMeasures->UnitLengthinmm		Yes	True

12.1.10 Weight Unit of Measure

Property Name	Linked Object	Replicate	Mandatory
WeightMeasures->UnitDisplay		Yes	True
WeightMeasures->UnitName		Yes	True
WeightMeasures->UnitWeightinmg		Yes	True

12.1.11 Payment Terms

Property Name	Linked Object	Replicate	Mandatory
PaymentTermsTypes->PaymentTermsGroupName		Yes	True
PaymentTermsTypes->StartFrom		Yes	False
PaymentTermsTypes->NumberOfAdditionalMonths		Yes	False
PaymentTermsTypes->NumberOfAdditionalDays		Yes	False
PaymentTermsTypes->CreditLimit		Yes	False
PaymentTermsTypes->GeneralDiscount		Yes	False
PaymentTermsTypes->InterestOnArrears		Yes	False
PaymentTermsTypes->LoadLimit		Yes	False
PaymentTermsTypes->PriceListNo	Price Lists	Yes	False
PaymentTermsTypes->OpenReceipt		Yes	False
PaymentTermsTypes->DiscountCode	Cash Discount	Yes	False
PaymentTermsTypes->DunningCode	Dunning Terms	No	False
PaymentTermsTypes->BaselineDate		Yes	False
PaymentTermsTypes->NumberOfToleranceDays		Yes	False
PaymentTermsTypes->NumberOfInstallments		Yes	False

12.1.12 Cash Discount

Property Name	Linked Object	Replicate	Mandatory
CashDiscount->Code		Yes	True
CashDiscount->Name		Yes	True
CashDiscount->ByDate		Yes	False
CashDiscount->Freight		Yes	False
DiscountLines->DiscountCode		Yes	True
DiscountLines->Lineld		Yes	True
DiscountLines->NumOfDays		Yes	True
DiscountLines->Discount		Yes	True
DiscountLines->Day		Yes	True
DiscountLines->Month		Yes	True

12.1.13 Item Group

Property Name	Linked Object	Replicate	Mandatory
ItemGroups->GroupName		Yes	True
ItemGroups->InventorySystem		Yes	True
ItemGroups->DefaultUoMGroup	Unit of Measurement Groups	Yes	False
ItemGroups->DefaultInventoryUoM	Units of Measurement	Yes	False
ItemGroups->U_CTX_DSCD		Yes	True

12.1.14 Price Lists

Property Name	Linked Object	Replicate	Mandatory
PriceLists->PriceListName		Yes	True
PriceLists->BasePriceList	Price Lists	Yes	True
PriceLists->Factor		Yes	False
PriceLists->RoundingMethod		Yes	True
PriceLists->U_CTX_GBPL		Yes	False
PriceLists->Active		Yes	False
PriceLists->ValidFrom		Yes	False
PriceLists->ValidTo		Yes	False
PriceLists->IsGrossPrice		Yes	False
PriceLists->DefaultPrimeCurrency	Currency	Yes	True

Property Name	Linked Object	Replicate	Mandatory
PriceLists->DefaultAdditionalCurrency1	Currency	Yes	True
PriceLists->DefaultAdditionalCurrency2	Currency	Yes	True
PriceLists->RoundingRule		Yes	False
PriceLists->FixedAmount		Yes	False
PriceLists->U_CTX_DSCD		Yes	True

12.1.15 Business Partner Group

Property Name	Linked Object	Replicate	Mandatory
BusinessPartnerGroups->Name		Yes	True
BusinessPartnerGroups->Type		Yes	True
BusinessPartnerGroups->PriceList	Price Lists	Yes	True
BusinessPartnerGroups->DiscRel		Yes	True

12.1.16 Period and Volume Discounts

Property Name	Linked Object	Replicate	Mandatory
SpecialPrices->ItemCode	Items	Yes	True
SpecialPrices->CardCode	Business Partner	Yes	True
SpecialPrices->Price		Yes	True
SpecialPrices->Currency	Currency	Yes	True
SpecialPrices->Discount		Yes	True
SpecialPrices->ListNum	Price Lists	Yes	True
SpecialPrices->AutoUpdt		Yes	True
SpecialPrices->EXPAND		Yes	True
SpecialPrices->UserSign		Yes	True
SpecialPrices->SrcPrice		Yes	True
SpecialPrices->LogInstanc		Yes	True
SpecialPrices->UserSign2		Yes	True
SpecialPrices->CreateDate		Yes	True
SpecialPrices->UpdateDate		Yes	True
SpecialPrices->Valid		Yes	True
SpecialPrices->ValidFrom		Yes	True
SpecialPrices->ValidTo		Yes	True
SpecialPricesDataAreas->ItemCode	Items	Yes	True

Property Name	Linked Object	Replicate	Mandatory
SpecialPricesDataAreas->CardCode	Business Partner	Yes	True
SpecialPricesDataAreas->LINENUM		Yes	True
SpecialPricesDataAreas->Price		Yes	True
SpecialPricesDataAreas->Currency	Currency	Yes	True
SpecialPricesDataAreas->Discount		Yes	True
SpecialPricesDataAreas->ListNum	Price Lists	Yes	True
SpecialPricesDataAreas->FromDate		Yes	True
SpecialPricesDataAreas->ToDate		Yes	True
SpecialPricesDataAreas->AutoUpdt		Yes	True
SpecialPricesDataAreas->Expand		Yes	True
SpecialPricesDataAreas->LogInstanc		Yes	True
SpecialPricesQuantityAreas->ItemCode	Items	Yes	True
SpecialPricesQuantityAreas->CardCode	Business Partner	Yes	True
SpecialPricesQuantityAreas->SPP1LNum		Yes	True
SpecialPricesQuantityAreas->SPP2LNum		Yes	True
SpecialPricesQuantityAreas->Amount		Yes	True
SpecialPricesQuantityAreas->Price		Yes	True
SpecialPricesQuantityAreas->Currency	Currency	Yes	True
SpecialPricesQuantityAreas->Discount		Yes	True
SpecialPricesQuantityAreas->UomEntry	Units of Measurement	Yes	True
SpecialPricesQuantityAreas->LogInstanc		Yes	True

12.1.17 Special Prices for Business Partners

Property Name	Linked Object	Replicate	Mandatory
SpecialPrices->ItemCode	Items	Yes	True
SpecialPrices->CardCode	Business Partner	Yes	True
SpecialPrices->Price		Yes	True
SpecialPrices->Currency	Currency	Yes	True
SpecialPrices->Discount		Yes	True
SpecialPrices->ListNum	Price Lists	Yes	True
SpecialPrices->AutoUpdt		Yes	True
SpecialPrices->EXPAND		Yes	True
SpecialPrices->UserSign		Yes	True
SpecialPrices->SrcPrice		Yes	True
SpecialPrices->LogInstanc		Yes	True
SpecialPrices->UserSign2		Yes	True

Property Name	Linked Object	Replicate	Mandatory
SpecialPrices->CreateDate		Yes	True
SpecialPrices->UpdateDate		Yes	True
SpecialPrices->Valid		Yes	True
SpecialPrices->ValidFrom		Yes	True
SpecialPrices->ValidTo		Yes	True
SpecialPricesDataAreas->ItemCode	Items	Yes	True
SpecialPricesDataAreas->CardCode	Business Partner	Yes	True
SpecialPricesDataAreas->LINENUM		Yes	True
SpecialPricesDataAreas->Price		Yes	True
SpecialPricesDataAreas->Currency	Currency	Yes	True
SpecialPricesDataAreas->Discount		Yes	True
SpecialPricesDataAreas->ListNum	Price Lists	Yes	True
SpecialPricesDataAreas->FromDate		Yes	True
SpecialPricesDataAreas->ToDate		Yes	True
SpecialPricesDataAreas->AutoUpdt		Yes	True
SpecialPricesDataAreas->Expand		Yes	True
SpecialPricesDataAreas->LogInstanc		Yes	True
SpecialPricesQuantityAreas->ItemCode	Items	Yes	True
SpecialPricesQuantityAreas->CardCode	Business Partner	Yes	True
SpecialPricesQuantityAreas->SPP1LNum		Yes	True
SpecialPricesQuantityAreas->SPP2LNum		Yes	True
SpecialPricesQuantityAreas->Amount		Yes	True
SpecialPricesQuantityAreas->Price		Yes	True
SpecialPricesQuantityAreas->Currency	Currency	Yes	True
SpecialPricesQuantityAreas->Discount		Yes	True
SpecialPricesQuantityAreas->UomEntry	Units of Measurement	Yes	True
SpecialPricesQuantityAreas->LogInstanc		Yes	True

12.1.18 Discount Groups

Property Name	Linked Object	Replicate	Mandatory
DiscountGroups->AbsEntry		Yes	True
DiscountGroups->Type		Yes	True
DiscountGroups->ObjType		Yes	True
DiscountGroups->ObjCode		Yes	True
DiscountGroups->DiscRel		Yes	True
DiscountGroups->ValidFor		Yes	True

Property Name	Linked Object	Replicate	Mandatory
DiscountGroups->ValidForm		Yes	True
DiscountGroups->ValidTo		Yes	True
DiscountGroups->DataSource		Yes	True
DiscountGroups->UserSign		Yes	True
DiscountGroups->LogInstanc		Yes	True
DiscountGroups->UserSign2		Yes	True
DiscountGroups->CreateDate		Yes	True
DiscountGroups->UpdateDate		Yes	True
DiscountGroupLine->AbsEntry		Yes	True
DiscountGroupLine->ObjType		Yes	True
DiscountGroupLine->ObjKey		Yes	True
DiscountGroupLine->DiscType		Yes	True
DiscountGroupLine->Discount		Yes	True
DiscountGroupLine->PayFor		Yes	True
DiscountGroupLine->ForFree		Yes	True
DiscountGroupLine->UpTo		Yes	True
DiscountGroupLine->LogInstanc		Yes	True

12.1.19 Exchange Rates

Property Name	Linked Object	Replicate	Mandatory
ExchangeRates->RateDate		Yes	True
ExchangeRates->Currency	Currency	Yes	True
ExchangeRates->Rate		Yes	True
ExchangeRates->DataSource		Yes	True
ExchangeRates->UserSign		Yes	True

12.1.20 Countries

Property Name	Linked Object	Replicate	Mandatory
Country->Code		Yes	True
Country->Name		Yes	True
Country->AddressFormat	Address Format	No	False
Country->EU		Yes	False
Country->CodeForReports		Yes	False

Property Name	Linked Object	Replicate	Mandatory
Country->NumberOfDigitsForTaxID		Yes	False
Country->BankCodeDigits		Yes	False
Country->BankBranchDigits		Yes	False
Country->BankAccountDigits		Yes	False
Country->BankControlKeyDigits		Yes	False
Country->DomesticAccountValidation		Yes	False
Country->IbanValidation		Yes	False

12.1.21 States

Property Name	Linked Object	Replicate	Mandatory
State->Code		Yes	True
State->Country	Country	Yes	True
State->Name		Yes	True
State->eCode		No	False
State->GSTCode		No	False
State->GSTIsUT		No	False

12.1.22 County

Property Name	Linked Object	Replicate	Mandatory
County->AbsId		Yes	True
County->Code		Yes	True
County->Country	Country	Yes	True
County->State	State	Yes	True
County->Name		Yes	True
County->TaxZone		Yes	True
County->IbgeCode		Yes	True
County->GiaCode		Yes	True

12.1.23 Dimensions

Property Name	Linked Object	Replicate	Mandatory
Dimension->DimensionCode		Yes	True

Property Name	Linked Object	Replicate	Mandatory
Dimension->DimensionName		Yes	True
Dimension->IsActive		Yes	True
Dimension->DimensionDescription		Yes	True

12.1.24 Profit Center Setup

Property Name	Linked Object	Replicate	Mandatory
ProfitCenter->CenterCode		Yes	True
ProfitCenter->CenterName		Yes	True
ProfitCenter->GroupCode		Yes	False
ProfitCenter->InWhichDimension	Dimensions	Yes	True
ProfitCenter->CostCenterType	Cost Center Type	Yes	False
ProfitCenter->EffectiveFrom		Yes	True
ProfitCenter->EffectiveTo		Yes	True
ProfitCenter->Active		Yes	True

12.1.25 Distribution Rules Setup

Property Name	Linked Object	Replicate	Mandatory
DistributionRule->FactorCode		Yes	True
DistributionRule->FactorDescription		Yes	True
DistributionRule->TotalFactor		Yes	True
DistributionRule->Direct		Yes	True
DistributionRule->InWhichDimension	Dimensions	Yes	True
DistributionRule->Active		Yes	True
DistributionRule->IsFixedAmt		Yes	True
DistributionRuleLines->CenterCode	Profit Center	Yes	True
DistributionRuleLines->TotalInCenter		Yes	True
DistributionRuleLines->EffectiveFrom		Yes	True
DistributionRuleLines->EffectiveTo		Yes	True

12.1.26 Manual Distribution Rules Setup

Property Name	Linked Object	Replicate	Mandatory
DistributionRule->FactorCode		Yes	True
DistributionRule->FactorDescription		Yes	True
DistributionRule->TotalFactor		Yes	True
DistributionRule->Direct		Yes	True
DistributionRule->InWhichDimension	Dimensions	Yes	True
DistributionRule->Active		Yes	True
DistributionRuleLines->CenterCode	Profit Center	Yes	True
DistributionRuleLines->TotalInCenter		Yes	True

12.1.27 Cost Center Type

Property Name	Linked Object	Replicate	Mandatory
CostCenterType->CctCode		Yes	True
CostCenterType->CctName		Yes	True
CostCenterType->DataSource		Yes	True
CostCenterType->UserSign		Yes	True

12.1.28 Manufacturers

Property Name	Linked Object	Replicate	Mandatory
Manufacturers->ManufacturerName		Yes	True

12.1.29 Item Property

Property Name	Linked Object	Replicate	Mandatory
ItemProperties->PropertyName		Yes	True

12.1.30 Unit of Measurement Groups

Property Name	Linked Object	Replicate	Mandatory
UnitOfMeasurementGroup->Code		Yes	True
UnitOfMeasurementGroup->Name		Yes	True
UnitOfMeasurementGroup->BaseUoM	Units of Measurement	Yes	True
UoMGroupDefinitionCollection->AlternateUoM	Units of Measurement	Yes	True
UoMGroupDefinitionCollection->AlternateQuantity		Yes	True
UoMGroupDefinitionCollection->BaseQuantity		Yes	True
UoMGroupDefinitionCollection->UdfFactor		No	False
UoMGroupDefinitionCollection->WeightFactor		No	False

12.1.31 Units of Measurement

Property Name	Linked Object	Replicate	Mandatory
UnitOfMeasurement->Code		Yes	True
UnitOfMeasurement->Name		Yes	True
UnitOfMeasurement->Length1		Yes	False
UnitOfMeasurement->Length1Unit	Length Measures	Yes	False
UnitOfMeasurement->Length2		Yes	False
UnitOfMeasurement->Length2Unit	Length Measures	Yes	False
UnitOfMeasurement->Width1		Yes	False
UnitOfMeasurement->Width1Unit	Length Measures	Yes	False
UnitOfMeasurement->Width2		Yes	False
UnitOfMeasurement->Width2Unit	Length Measures	Yes	False
UnitOfMeasurement->Height1		Yes	False
UnitOfMeasurement->Height1Unit	Length Measures	Yes	False
UnitOfMeasurement->Height2		Yes	False
UnitOfMeasurement->Height2Unit	Length Measures	Yes	False
UnitOfMeasurement->Volume		Yes	False
UnitOfMeasurement->VolumeUnit	Length Measures	Yes	False
UnitOfMeasurement->Weight1		Yes	False
UnitOfMeasurement->Weight1Unit	Weight Measures	Yes	False
UnitOfMeasurement->Weight2		Yes	False
UnitOfMeasurement->Weight2Unit	Weight Measures	Yes	False
UnitOfMeasurement->InternationalSymbol		Yes	False

12.1.32 Package Types

Property Name	Linked Object	Replicate	Mandatory
PackagesTypes->Type		Yes	True
PackagesTypes->Length1		Yes	False
PackagesTypes->Width1		Yes	False
PackagesTypes->Height1		Yes	False
PackagesTypes->Volume		Yes	False
PackagesTypes->VolumeUnit	Length Measures	Yes	False
PackagesTypes->Weight1		Yes	False
PackagesTypes->Length1Unit	Length Measures	Yes	False
PackagesTypes->Length2		Yes	False
PackagesTypes->Length2Unit	Length Measures	Yes	False
PackagesTypes->Width1Unit	Length Measures	Yes	False
PackagesTypes->Width2		Yes	False
PackagesTypes->Width2Unit	Length Measures	Yes	False
PackagesTypes->Height1Unit	Length Measures	Yes	False
PackagesTypes->Height2		Yes	False
PackagesTypes->Height2Unit	Length Measures	Yes	False
PackagesTypes->Weight1Unit	Weight Measures	Yes	False
PackagesTypes->Weight2		Yes	False
PackagesTypes->Weight2Unit	Weight Measures	Yes	False

12.1.33 Shipping Type

Property Name	Linked Object	Replicate	Mandatory
ShippingTypes->Name		Yes	True
ShippingTypes->Website		Yes	False

Note

This master is replicated by default only in the Brazil localization

12.1.34 Credit Cards

Property Name	Linked Object	Replicate	Mandatory
CreditCards->CreditCardName		Yes	True
CreditCards->GLAccount		Yes	True

Property Name	Linked Object	Replicate	Mandatory
CreditCards->Telephone		Yes	False
CreditCards->CompanyID		Yes	False

i Note

This master is replicated by default only in the Brazil localization

12.1.35 Business Partner Priorities

Property Name	Linked Object	Replicate	Mandatory
BPPriorities->Priority		Yes	True
BPPriorities->PriorityDescription		Yes	True

i Note

This master is replicated by default only in the Brazil localization

12.1.36 Business Partner Properties

Property Name	Linked Object	Replicate	Mandatory
BusinessPartnerProperty->PropertyCode		Yes	True
BusinessPartnerProperty->PropertyName		Yes	True

i Note

This master is replicated by default only in the Brazil localization.

12.1.37 Bank Charges Allocation Code

Property Name	Linked Object	Replicate	Mandatory
BankChargesAllocationCode->Code		Yes	True
BankChargesAllocationCode->Description		Yes	True

i Note

This master is replicated by default only in the Brazil localization.

12.1.38 Service Codes

Property Name	Linked Object	Replicate	Mandatory
ServiceCode->AbsEntry		Yes	True
ServiceCode->County	County	Yes	True
ServiceCode->ServiceCD		Yes	True
ServiceCode->Descrip		Yes	True
ServiceCode->Incomimg		Yes	True

Note

This master is replicated by default only in the Brazil localization.

12.1.39 Customs Group

Property Name	Linked Object	Replicate	Mandatory
CustomsGroups->Name		Yes	True
CustomsGroups->Number		Yes	False
CustomsGroups->Customs		Yes	False
CustomsGroups->Purchase		Yes	False
CustomsGroups->Other		Yes	False
CustomsGroups->Total		Yes	False

Note

This master is replicated by default only in the Brazil localization.

12.1.40 Payment Blocks

Property Name	Linked Object	Replicate	Mandatory
PaymentBlock->AbsEntry		Yes	True
PaymentBlock->PaymentBlockCode		Yes	True

Note

This master is replicated by default only in the Brazil localization.

12.1.41 Material Group

Property Name	Linked Object	Replicate	Mandatory
MaterialGroup->AbsEntry		Yes	True
MaterialGroup->MaterialGroupCode		Yes	True
MaterialGroup->Description		Yes	True

Note

This master is replicated by default only in the Brazil localization.

12.1.42 Address Format

Property Name	Linked Object	Replicate	Mandatory
AddressFormat->Code		Yes	True
AddressFormat->Name		Yes	True
AddressFormat->Format		Yes	True
AddressFormat->UserSign		Yes	True

Note

This master is replicated by default only in the Brazil localization.

12.1.43 NCM Code

Property Name	Linked Object	Replicate	Mandatory
NCMCodeSetup->AbsEntry		Yes	True
NCMCodeSetup->NCMCode		Yes	True
NCMCodeSetup->Description		Yes	True

Note

This master is replicated by default only in the Brazil localization.

12.1.44 DNF Code

Property Name	Linked Object	Replicate	Mandatory
DNFCodeSetup->AbsEntry		Yes	True
DNFCodeSetup->DNFCode		Yes	True

Property Name	Linked Object	Replicate	Mandatory
DNFCodeSetup->Factor		Yes	True
DNFCodeSetup->NCMCode	NCM Code	Yes	True
DNFCodeSetup->UoM		Yes	True

i Note

This master is replicated by default only in the Brazil localization.

12.1.45 Service Group

Property Name	Linked Object	Replicate	Mandatory
ServiceGroup->ServiceGroupCode		Yes	True
ServiceGroup->Description		Yes	True

i Note

This master is replicated by default only in the Brazil localization.

12.1.46 Dunning Terms

Property Name	Linked Object	Replicate	Mandatory
DunningTerm->Code		Yes	True
DunningTerm->Name		Yes	True
DunningTerm->GroupingMethod		Yes	False
DunningTerm->DaysInYear		Yes	False
DunningTerm->DaysInMonth		Yes	False
DunningTerm->CalculateInterestMethod		Yes	False
DunningTerm->ExchangeRateSelect		Yes	False
DunningTerm->YearlyInterestRate		Yes	False
DunningTerm->LetterFee		Yes	False
DunningTerm->LetterFeeCurrency	Currency	Yes	False
DunningTerm->MinimumBalance		Yes	False
DunningTerm->MinimumBalanceCurrency	Currency	Yes	False
DunningTerm->IncludeInterest		Yes	False
DunningTerm->ApplyHighestLetterTemplate		Yes	False
DunningTerm->AutomaticPosting		Yes	False
DunningTerm->BaseDateSelect		Yes	False
DunningTermLines->LevelNum		Yes	True

Property Name	Linked Object	Replicate	Mandatory
DunningTermLines->LetterFormat		Yes	True
DunningTermLines->Effectiveafter		Yes	True
DunningTermLines->DunningTermLine		Yes	False
DunningTermLines->LetterFeeCurrency	Currency	Yes	False
DunningTermLines->MinimumBalance		Yes	False
DunningTermLines->MinimumBalanceCurrency		Yes	False
DunningTermLines->CalculateInterest		Yes	False

i Note

This master is replicated by default only in the Brazil localization.

12.1.47 Holiday Dates

Property Name	Linked Object	Replicate	Mandatory
Row->HIdCode		Yes	True
Row->WndFrm		Yes	True
Row->WndTo		Yes	True
Row->isCurYear		Yes	True
Row->ignrWnd		Yes	True
Row->WeekNoRule		Yes	True
Row->HIdCode		Yes	True
Row->StrDate		Yes	True
Row->EndDate		Yes	True
Row->Rmrks		Yes	True

i Note

This master is replicated by default only in the Brazil localization.

12.1.48 Sales Person

Property Name	Linked Object	Replicate	Mandatory
SalesPersons->SalesEmployeeName		Yes	True
SalesPersons->Remarks		Yes	False
SalesPersons->CommissionForSalesEmployee		Yes	False
SalesPersons->CommissionGroup	CommissionGroup	No	False

i Note

This master is replicated by default only in the Brazil localization.

12.1.49 Commission Groups

Property Name	Linked Object	Replicate	Mandatory
CommissionGroups->CommissionGroupName		Yes	True
CommissionGroups->CommissionPercentage		Yes	True

i Note

This master is replicated by default only in the Brazil localization.

12.1.50 Language

Property Name	Linked Object	Replicate	Mandatory
UserLanguages->LanguageShortName		Yes	True
UserLanguages->LanguageFullName		Yes	True
UserLanguages->RelatedSystemLanguage	Languages	Yes	True

i Note

This master is replicated by default only in the Brazil localization.

12.1.51 Payment Methods

Property Name	Linked Object	Replicate	Mandatory
WizardPaymentMethods->PaymentMethodCode		Yes	True
WizardPaymentMethods->Description		Yes	True
WizardPaymentMethods->Type		Yes	True
WizardPaymentMethods->PaymentMeans		Yes	True
WizardPaymentMethods->CheckAddress		Yes	False
WizardPaymentMethods->CheckBankDetails		Yes	False
WizardPaymentMethods->CollectionAuthorizationCheck		Yes	False
WizardPaymentMethods->BlockForeignPayment		Yes	False
WizardPaymentMethods->BlockForeignBank		Yes	False

Property Name	Linked Object	Replicate	Mandatory
WizardPaymentMethods->CurrencyRestriction		Yes	False
WizardPaymentMethods->PostOfficeBank		Yes	False
WizardPaymentMethods->MinimumAmount		Yes	False
WizardPaymentMethods->MaximumAmount		Yes	False
WizardPaymentMethods->DefaultBank		Yes	False
WizardPaymentMethods->BankCountry	Country	Yes	False
WizardPaymentMethods->DefaultAccount		Yes	False
WizardPaymentMethods->KeyCode		Yes	False
WizardPaymentMethods->TransactionType		Yes	False
WizardPaymentMethods->Format	File Format	Yes	True
WizardPaymentMethods->AgentCollection		Yes	False
WizardPaymentMethods->SendforAcceptance		Yes	False
WizardPaymentMethods->GroupByDate		Yes	False
WizardPaymentMethods->DepositNorm		Yes	False
WizardPaymentMethods->DebitMemo		Yes	False
WizardPaymentMethods->GroupByPaymentReference		Yes	False
WizardPaymentMethods->GroupInvoicesbyPay		Yes	False
WizardPaymentMethods->GroupInvoicesByPayToBank		Yes	False
WizardPaymentMethods->GroupInvoicesByCurrency		Yes	False
WizardPaymentMethods->DueDateSelection		Yes	False
WizardPaymentMethods->PaymentTermsCode	Payment Terms	Yes	False
WizardPaymentMethods->PosttoGLInterimAccount		Yes	False
WizardPaymentMethods->DocType		Yes	False
WizardPaymentMethods->Accepted		Yes	False
WizardPaymentMethods->PortfolioID	Portfolio	No	False
WizardPaymentMethods->CurCode	Currency	Yes	False
WizardPaymentMethods->Instruction1	Instructions	No	False
WizardPaymentMethods->Instruction2	Instructions	No	False
WizardPaymentMethods->PaymentPlace		Yes	False
WizardPaymentMethods->CancelInstruction	Instructions	No	False
WizardPaymentMethods->OccurrenceCode	Occurrence	No	False
WizardPaymentMethods->MovementCode	Occurrence	No	False
CurrencyRestrictions->CurrencyCode	Currency	Yes	False
CurrencyRestrictions->Choose		Yes	False

i Note

This master is replicated by default only in the Brazil localization.

12.1.52 File Format

Property Name	Linked Object	Replicate	Mandatory
FileFormat->AbsEntry		Yes	True
FileFormat->Name		Yes	True
FileFormat->Encoding		Yes	True
FileFormat->FilePath		Yes	True
FileFormat->IsSystem		Yes	True
FileFormat->FrmatType		Yes	True
FileFormat->FileContnt		Yes	True
FileFormat->FrmatStats		Yes	True
FileFormat->UserSign		Yes	True

Note

This master is replicated by default only in the Brazil localization.

12.1.53 Document Type

Property Name	Linked Object	Replicate	Mandatory
BOEDocumentType->DocType		Yes	True
BOEDocumentType->DocDescription		Yes	True

Note

This master is replicated by default only in the Brazil localization.

12.1.54 Portfolio

Property Name	Linked Object	Replicate	Mandatory
BOEPortfolio->PortfolioID		Yes	True
BOEPortfolio->PortfolioCode		Yes	True
BOEPortfolio->PortfolioNum		Yes	True
BOEPortfolio->PortfolioDescription		Yes	True

Note

This master is replicated by default only in the Brazil localization.

12.1.55 Instruction

Property Name	Linked Object	Replicate	Mandatory
BOEInstruction->InstructionCode		Yes	True
BOEInstruction->InstructionDesc		Yes	True

Note

This master is replicated by default only in the Brazil localization.

12.1.56 Factoring Indicators

Property Name	Linked Object	Replicate	Mandatory
FactoringIndicators->IndicatorCode		Yes	True
FactoringIndicators->IndicatorName		Yes	True

Note

This master is replicated by default only in the Brazil localization.

12.1.57 Banks

Property Name	Linked Object	Replicate	Mandatory
Banks->BankCode		Yes	True
Banks->CountryCode	Country	Yes	True
Banks->BankName		Yes	True
Banks->PostOffice		Yes	False
Banks->SwiftNo		Yes	False

Note

This master is replicated by default only in the Brazil localization.

12.1.58 House Bank Accounts

Property Name	Linked Object	Replicate	Mandatory
HouseBankAccounts->BankKey	Bank	Yes	True
HouseBankAccounts->Branch		Yes	True
HouseBankAccounts->AccNo		Yes	True

Property Name	Linked Object	Replicate	Mandatory
HouseBankAccounts->NextCheckNo		Yes	False
HouseBankAccounts->Street		Yes	False
HouseBankAccounts->ZipCode		Yes	False
HouseBankAccounts->Block		Yes	False
HouseBankAccounts->City		Yes	False
HouseBankAccounts->State	State	Yes	False
HouseBankAccounts->County	County	Yes	False
HouseBankAccounts->UserNo1		Yes	False
HouseBankAccounts->UserNo2		Yes	False
HouseBankAccounts->UserNo3		Yes	False
HouseBankAccounts->UserNo4		Yes	False
HouseBankAccounts->MaximumLines		Yes	False
HouseBankAccounts->TemplateName		Yes	False
HouseBankAccounts->ToleranceDays		Yes	False
HouseBankAccounts->MinAmountofBillofExchang		Yes	False
HouseBankAccounts->MaxAmountofBillofExchan		Yes	False
HouseBankAccounts->DaysInAdvance		Yes	False
HouseBankAccounts->LockChecksPrinting		Yes	False
HouseBankAccounts->AccountCheckDigit		Yes	False
HouseBankAccounts->OurNumber		Yes	False
HouseBankAccounts->AgreementNumber		Yes	False
HouseBankAccounts->AddressType		Yes	False
HouseBankAccounts->StreetNo		Yes	False
HouseBankAccounts->Building		Yes	False
HouseBankAccounts->ControlKey		Yes	False

i Note

These masters are replicated by default only in the Brazil localization.

12.1.59 Fuel Group\Beverage Commercial Brand\Income Nature Table Setup\Income Nature Setup

Property Name	Linked Object	Replicate	Mandatory
FuelGroup->IndexType		Yes	True
FuelGroup->Code		Yes	True
FuelGroup->Descr		Yes	True
FuelGroup->UserSign		Yes	True

Property Name	Linked Object	Replicate	Mandatory
FuelGroup->ID		Yes	True

i Note

These masters are replicated by default only in the Brazil localization.

12.1.60 Fuel Code

Property Name	Linked Object	Replicate	Mandatory
FuelCode->Code		Yes	True
FuelCode->FGroupCode	Fuel Group	Yes	True
FuelCode->Descr		Yes	True
FuelCode->UserSign		Yes	True
FuelCode->ID		Yes	True

i Note

This master is replicated by default only in the Brazil localization.

12.1.61 Beverage Group\Beverage Table

Property Name	Linked Object	Replicate	Mandatory
BeverageGroup->IndexType		Yes	True
BeverageGroup->Code		Yes	True
BeverageGroup->Descr		Yes	True
BeverageGroup->UserSign		Yes	True
BeverageGroup->ID		Yes	True

i Note

These masters are replicated by default only in the Brazil localization.

12.1.62 Beverage Combination

Property Name	Linked Object	Replicate	Mandatory
BeverageCombination->TableCode		Yes	True
BeverageCombination->BrandCode	Fuel Group	Yes	True

Property Name	Linked Object	Replicate	Mandatory
BeverageCombination->GroupCode	Beverage Group	Yes	True
BeverageCombination->UserSign		Yes	True
BeverageCombination->ID		Yes	True

i Note

This master is replicated by default only in the Brazil localization.

12.1.63 SPED Profile Setup

Property Name	Linked Object	Replicate	Mandatory
SPED->ID		Yes	True
SPED->IndexType		Yes	True
SPED->Code		Yes	True
SPED->Descr		Yes	True
SPED->RefIndCod1		Yes	True
SPED->RefIndCod2		Yes	True
SPED->RefIndCod3		Yes	True
SPED->UserSign		Yes	True

i Note

This master is replicated by default only in the Brazil localization.

12.1.64 Projects

Property Name	Linked Object	Replicate	Mandatory
Project->Code		Yes	True
Project->Name		Yes	True
Project->ValidFrom		Yes	False
Project->ValidTo		Yes	False
Project->Active		Yes	False

12.1.65 Occurrence Code\Movement Code

Property Name	Linked Object	Replicate	Mandatory
Occurrence->AbsEntry		Yes	True

Property Name	Linked Object	Replicate	Mandatory
Occurrence->Code		Yes	True
Occurrence->Dscription		Yes	True
Occurrence->Note		Yes	True
Occurrence->ReqBoeSt		Yes	True
Occurrence->IsMovement		Yes	True

i Note

These masters are replicated by default only in the Brazil localization.

12.1.66 Translation

Property Name	Linked Object	Replicate	Mandatory
MultiLanguageTranslations->TableName		Yes	True
MultiLanguageTranslations->FieldAlias		Yes	True
MultiLanguageTranslations->PrimaryKeyofobject		Yes	True
TranslationsInUserLanguages->LanguageCodeOfUserLanguage	Languages	Yes	True
TranslationsInUserLanguages->Translationscontent		Yes	True

i Note

This master is not replicated by default.

12.1.67 Industry

Property Name	Linked Object	Replicate	Mandatory
Industry->IndCode		Yes	True
Industry->IndName		Yes	True
Industry->IndDesc		Yes	True

i Note

This master is not replicated by default.

12.1.68 Product Source Codes

Property Name	Linked Object	Replicate	Mandatory
ProductSourceCodes->Code		Yes	True
ProductSourceCodes->Desc		Yes	True

Note

This master is not replicated by default.

12.1.69 Email Group

Property Name	Linked Object	Replicate	Mandatory
EmailGroup->EmlGrpCode		Yes	True
EmailGroup->EmlGrpName		Yes	True

Note

This master is not replicated by default.

12.1.70 Intrastat Configuration Service

Property Name	Linked Object	Replicate	Mandatory
IntrastatConfigurationServices->AbsEntry		Yes	False
IntrastatConfigurationServices-> Code		Yes	False
IntrastatConfigurationServices-> ConfID		Yes	False
IntrastatConfigurationServices-> ConfType		Yes	False
IntrastatConfigurationServices-> Country		Yes	False
IntrastatConfigurationServices-> Description		Yes	False
IntrastatConfigurationServices-> PercentageValue		Yes	False
IntrastatConfigurationServices-> StatisticalCode		Yes	False
IntrastatConfigurationServices-> SupplementaryUnit		Yes	False
IntrastatConfigurationServices->ValidExport		Yes	False
IntrastatConfigurationServices->ValidFrom		Yes	False
IntrastatConfigurationServices->ValidImport		Yes	False
IntrastatConfigurationServices->ValidTo		Yes	False

Note

This master is not replicated by default.

12.1.71 Agent

Property Name	Linked Object	Replicate	Mandatory
Agent->AgentCode		Yes	False
Agent->AgentName		Yes	False
Agent->Memo		Yes	False
Agent->Locked		Yes	False
Agent->DataSource		Yes	False
Agent->UserSign		Yes	False

Note

This master is not replicated by default.

12.1.72 Chapter ID

Property Name	Linked Object	Replicate	Mandatory
Chapter ID->Chapter		Yes	False
Chapter ID->Heading		Yes	False
Chapter ID->Subheading		Yes	False
Chapter ID->Description		Yes	False

Note

This master is not replicated by default.

12.1.73 Service Categories

Property Name	Linked Object	Replicate	Mandatory
ServiceCategory->AbsEntry		Yes	False
ServiceCategory->ServiceCtg		Yes	False
ServiceCategory->Descrip		Yes	False

Note

This master is not replicated by default.

12.1.74 SAC Code

Property Name	Linked Object	Replicate	Mandatory
IndiaSacCode->AbsEntry		Yes	False
IndiaSacCode->ServiceCode		Yes	False
IndiaSacCode->ServiceName		Yes	False

Note

This master is not replicated by default.

12.1.75 Order Interval

Property Name	Linked Object	Replicate	Mandatory
InventoryCycles->CycleName		Yes	False
InventoryCycles->Frequency		Yes	False
InventoryCycles->Day		Yes	False
InventoryCycles->Hour		Yes	False
InventoryCycles->NextCountingDate		Yes	False
InventoryCycles->Interval		Yes	False
InventoryCycles->Sunday		Yes	False
InventoryCycles->Monday		Yes	False
InventoryCycles->Tuesday		Yes	False
InventoryCycles->Wednesday		Yes	False
InventoryCycles->Thursday		Yes	False
InventoryCycles->Friday		Yes	False
InventoryCycles->Saturday		Yes	False
InventoryCycles->RepeatOption		Yes	False
InventoryCycles->RecurrenceSequenceSpecifier		Yes	False
InventoryCycles->RecurrenceDayInMonth		Yes	False
InventoryCycles->RecurrenceMonth		Yes	False
InventoryCycles->RecurrenceDayOfWeek		Yes	False
InventoryCycles->endType		Yes	False
InventoryCycles->MaxOccurrence		Yes	False
InventoryCycles->SeriesEndDate		Yes	False

Note

- This master is not replicated by default.
- Order Interval having *Recurrence* as *Every "X" Days* is not supported for replication.

12.1.76 G/L Accounts

Property Name	Linked Object	Replicate	Mandatory
GL Account-> Code		Yes	True
GL Account-> Name		Yes	True
GL Account-> FatherAccountKey		Yes	True
GL Account-> FormatCode		Yes	True
GL Account-> AccountLevel		Yes	True
GL Account-> AccountType		Yes	True
GL Account-> AcctCurrency		Yes	True
GL Account-> ActiveAccount		Yes	True
GL Account-> BudgetAccount		Yes	False
GL Account-> CashAccount		Yes	True
GL Account-> LockManualTransaction		Yes	True
GL Account-> Protected		Yes	True
GL Account-> RevaluationCoordinated		Yes	False
GL Account-> CashFlowRelevant		Yes	False
GL Account-> Category		Yes	False
GL Account-> CostAccountingOnly		Yes	False
GL Account-> CostElementRelevant		Yes	False
GL Account-> Details		Yes	False
GL Account-> DistributionRule2Relevant	Cost Centers	Yes	False
GL Account-> DistributionRule3Relevant	Cost Centers	Yes	False
GL Account-> DistributionRule4Relevant	Cost Centers	Yes	False
GL Account-> DistributionRule5Relevant	Cost Centers	Yes	False
GL Account-> DistributionRuleRelevant	Cost Centers	Yes	False
GL Account-> ForeignName		Yes	False
GL Account-> FrozenFor		Yes	False
GL Account-> FrozenFrom		Yes	False
GL Account-> FrozenRemarks		Yes	False
GL Account-> FrozenTo		Yes	False
GL Account-> PlanningLevel		Yes	False
GL Account-> PrimaryAccount		Yes	False
GL Account-> PrimaryClosingAccount		Yes	False
GL Account-> ProjectCode	Project	Yes	False
GL Account-> ProjectRelevant		Yes	False
GL Account-> ValidFor		Yes	False
GL Account-> ValidFrom		Yes	False
GL Account-> ValidRemarks		Yes	False
GL Account-> ValidTo		Yes	False

i Note

- This master is not replicated by default.

12.1.77 User Groups

Property Name	Linked Object	Replicate	Mandatory
UserGroup->UserGroupName		Yes	True
UserGroup->UserGroupDec		Yes	True
UserGroup->StartDate		Yes	False
UserGroup->DueDate		Yes	False
UserGroup->UserGroupType		Yes	False

i Note

- This master is not replicated by default.

12.1.78 User Master

Property Name	Linked Object	Replicate	Mandatory
User->UserCode		Yes	True
User->UserName		Yes	True
User->Superuser		Yes	True
User->eMail		Yes	False
User->MobilePhoneNumber		Yes	False
User->LanguageCode		Yes	False
User->FaxNumber		Yes	False
User->Branch		Yes	False
User->Department		Yes	False
User->MaxDiscountGeneral		No	False
User->MaxDiscountSales		No	False
User->MaxDiscountPurchase		No	False
User->CashLimit		No	False
User->MaxCashAmtForIncmngPayts		No	False
User-> GroupId	UsersGroupByUsers	Yes	False

i Note

- This master is not replicated by default.
- You may get the DI error, if you recreate the user with same user code. Please refer to the SAP Note [869326](#).

13 Appendix III

13.1 Intercompany Transaction Report – User Name in Sender Company

The following table indicates which user actions (add, update, or delete) in the sender company on the various types of objects trigger the *User Name* to be displayed in the Intercompany transaction report.

S. No.	Object Name	User Action		
		Add	Update	Delete
1	Freight	✓	✓	
2	Currencies	✓	✓	
3	Customer Group	✓		
4	Vendor Group	✓		
5	Item Group	✓	✓	
6	Manufacturers	✓		
7	Shipping Type	✓		
8	Item Property			
9	Price List	✓	✓	
10	Period and Volume Discount	✓		
11	Special Prices for Business Partners	✓		
12	Discount Groups	✓		
13	Credit Cards	✓	✓	
14	Business Partner Priorities			
15	Business Partner Properties			
16	Bank Charges Allocation Code			
17	Service Codes			
18	Exchange Rates			
19	Length and Width UOM	✓		
20	Weight UOM	✓	✓	
21	Customs Group	✓		
22	Payment Blocks			

S. No.	Object Name	User Action		
		Add	Update	Delete
23	Material Group		✓	
24	Payment terms	✓		
25	Cash Discount			
26	Address Format	✓		
27	Countries	✓		
28	States	✓		
29	County			
30	NCM Code		✓	
31	DNF Code		✓	
32	Service Group		✓	
33	Dunning Terms			
34	Holiday Dates			
35	Sales Person	✓		
36	Commission Groups	✓		
37	Language	✓		
38	Payment Methods	✓		
39	File Format			
40	Document Type			
41	Portfolio			
42	Instruction			
43	Indicators	✓		
44	Dimensions			
45	Profit Center Setup	✓	✓	
46	Distribution Rules Setup	✓	✓	
47	Profit Center Type	✓		
48	Banks	✓		
49	House Bank Accounts		✓	
50	Contract Templates			
51	Item Master Data	✓	✓	✓
52	Business Partner Master Data	✓	✓	✓
53	Bill of Materials	✓	✓	✓

S. No.	Object Name	User Action		
		Add	Update	Delete
54	Customer Equipment Card	✓	✓	
55	Service Contract			
56	Fuel Group	✓		
57	Beverage Commercial Brand	✓		
58	Fuel Code	✓		
59	Beverage Group	✓		
60	Beverage Table	✓		
61	Beverage Combination	✓		
62	Income Nature Table Setup	✓		
63	Income Nature Setup	✓		
64	SPED Profile Setup	✓		
65	Projects	✓	✓	
66	Unit of Measure Groups	✓	✓	
67	Units of Measure	✓	✓	
68	Package Types			
69	Bar Codes	✓	✓	
70	CNAE Code			
71	Industry			
72	Product Source Codes			
73	Email Group			
74	Occurrence			
75	Movement			
76	Factoring Indicator	✓		
77	Intrastat Configuration			
78	Manual Distribution Rules Setup	✓	✓	
79	Agent Master	✓	✓	
80	Chapter ID	✓	✓	
81	G/L Accounts	✓	✓	✓
82	Users Master	✓	✓	✓
83	User Groups	✓	✓	

13.2 Intercompany Transaction Report – User Name in Receiver Company

The following table indicates which user actions in the sender company (add, update, and delete) on the various types of objects replicated to the receiver company trigger the *User Name* to be displayed in the Intercompany transaction report.

S. No.	Object Name	User Action		
		Add	Update	Delete
1	Freight	✓	✓	
2	Currencies	✓	✓	
3	Customer Group	✓		
4	Vendor Group	✓		
5	Item Group	✓	✓	
6	Manufacturers	✓		
7	Shipping Type	✓		
8	Item Property			
9	Price List	✓	✓	
10	Period and Volume Discount			
11	Special Prices for Business Partners			
12	Discount Groups			
13	Credit Cards	✓	✓	
14	Business Partner Priorities			
15	Business Partner Properties			
16	Bank Charges Allocation Code			
17	Service Codes			
18	Exchange Rates			
19	Length and Width UOM	✓		
20	Weight UOM	✓	✓	
21	Customs Group	✓		
22	Payment Blocks			
23	Material Group		✓	
24	Payment terms	✓		
25	Cash Discount			

S. No.	Object Name	User Action		
		Add	Update	Delete
26	Address Format			
27	Countries	✓		
28	States	✓		
29	County			
30	NCM Code		✓	
31	DNF Code		✓	
32	Service Group		✓	
33	Dunning Terms			
34	Holiday Dates			
35	Sales Person	✓		
36	Commission Groups	✓		
37	Language	✓		
38	Payment Methods	✓		
39	File Format			
40	Document Type			
41	Portfolio			
42	Instruction			
43	Indicators	✓		
44	Dimensions			
45	Profit Center Setup	✓	✓	
46	Distribution Rules Setup			
47	Profit Center Type	✓		
48	Banks	✓		
49	House Bank Accounts	✓	✓	
50	Contract Templates			
51	Item Master Data	✓	✓	✓
52	Business Partner Master Data	✓	✓	✓
53	Bill of Materials	✓	✓	✓
54	Customer Equipment Card	✓	✓	
55	Service Contract			
56	Fuel Group			

S. No.	Object Name	User Action		
		Add	Update	Delete
57	Beverage Commercial Brand			
58	Fuel Code			
59	Beverage Group			
60	Beverage Table			
61	Beverage Combination			
62	Income Nature Table Setup			
63	Income Nature Setup			
64	SPED Profile Setup			
65	Projects	✓	✓	
66	Unit of Measure Groups	✓	✓	
67	Units of Measure	✓	✓	
68	Package Types			
69	Bar Codes			
70	CNAE Code			
71	Industry			
72	Product Source Codes			
73	Email Group			
74	Occurrence			
75	Movement			
76	Factoring Indicator	✓		
77	Intrastat Configuration			
78	Manual Distribution Rules Setup			
79	Agent Master	✓	✓	
80	Chapter ID	✓	✓	
81	Service Categories	✓	✓	
82	SAC Code	✓	✓	
83	G/L Accounts	✓	✓	✓
84	Users Master	✓	✓	✓
85	User Groups	✓	✓	

14 Appendix IV

14.1 Remove Action Not Supported

In the following masters, the application does not support the replication of a removal action across branch companies:

Master Data		
Address Format	Discount Groups	Income Nature Table Setup
Beverage Combination	Distribution Rules Setup	Industry
Beverage Commercial Brand	File Format	Movement Code
Beverage Group	Fuel Group	Occurrence Code
Beverage Table	Fuel Code	Price Lists
CNAE Code	Holiday Dates	Service Codes
County	Income Nature Setup	SPED Profile Setup

15 Appendix V

15.1 Key Mapping Masters List

This section provides the list of all Key Mapping masters.

Master Data		
Address Format	Fuel Code	Portfolio
Bank	House Bank Account	Price List
Business Partner Group	Industry	SAC Code
Chapter ID	Instructions	Sales Person
CNAE Code	Intrastat Configuration	Service Categories
Commission Group	Item Group	Service Code
Credit Card	Languages	Service Group
Currency	Length and Width UOM	Shipping Type
Customs Groups	Manufacturer	SPED Profile Setup
Discount Groups	Material Group	Units of Measurement
DNF Code	NCM Code	Unit of Measurement Groups
Document Type	Occurrence	Weight UOM
File Format	Payment Blocks	
Freight	Payment Terms	

