Intercompany integration solution 2.0 for SAP Business One Document Version: 2.0 – 2018-09-17

Administrator's Guide for the Intercompany integration solution 2.0 for SAP Business One



Typographic Conventions

| Type Style | Description |
|---------------------|--|
| Example | 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></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.



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:

Prerequisites

This section provides prerequisites to check before you proceed to the installation.

Intercompany integration solution Add-On

This section provides information on registering the Intercompany integration solution add-on, assigning the Intercompany integration solution 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:

- o Intercompany integration solution scenarios
- o 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:

- o Configuring SAP Business One companies
- o 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 | A 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 the purpose of 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. Intercompany integration solution add-on

The Intercompany integration solution 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. Intercompany integration solution scenarios

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:

- The installation computers comply with all hardware and software requirements, as detailed at https://partneredge.sap.com/en/library/assets/products/ent_mng/sbo/about/sbo/platform_info/tr_d_sbo_hrg/assetfile/Hardware%20Requirements%20Guide%20for%20SAP%20Business%20One.pdf.
- Your system has 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).
- For information related to compatibility with SAP Business One version and patch level, refer to the SAP Note 1844555 (Troubleshooting in the intercompany integration solution for SAP Business One).
- In case, if you want to connect to SAP Business One companies on SAP HANA DB, Intercompany installer will run only on SAP Business One Integration framework on windows operating system machine only.
- SAP Business One SDK Data Interface API (DIAPI) is installed. If you are using the 32-bit version of the SAP Business One client, you need to install 32-bit version of DIAPI and 32-bit version of DIProxy. If you are using the 64-bit version of the SAP Business One client, you need to install 64-bit version of DIAPI and 64-bit version of DIProxy.
- In case, if you want to connect to SAP Business One companies on SAP HANA DB, Intercompany installer needs 32-bit HANA Client along with 64-bit HANA Client on SAP HANA DB server.
- You have the integration component for SAP Business One installed.
- You have Microsoft .NET Framework 4.0 installed.
- You have administrator rights on the computer on which you are performing 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 SAP Note 1492196.

- You have superuser access to the SAP Business One company databases to proceed with the installation of the Intercompany integration solution add-on.
- For information related to web browser requirements, please refer to the SAP Note 2137844 (The GUI is improved for the Intercompany Administration Console/ Web browser requirements).
- You have Microsoft® Office 2010 or 2013 installed.
- 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.
- 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.

2.1 Constraints

- The Intercompany integration solution is currently localized and fully supported Only in the following SAP Business One localizations:
 - o Australia
 - Austria
 - o Belgium
 - Brazil
 - o Canada
 - o Chile
 - o Costa Rica
 - o Cyprus
 - Czech Republic
 - o France
 - Germany
 - Guatemala
 - Hungary
 - Ireland
 - Israel
 - Italy
 - o Mexico
 - New Zealand
 - Netherlands
 - Panama
 - Poland
 - o P.R. China
 - o Russia
 - o Singapore
 - Slovakia
 - o South Africa
 - o Spain
 - Switzerland
 - o UK
 - o USA



You can use the solution in the countries not listed above using company template feature of intercompany solution. The company template can be customized for the non-supported countries and administrators can assign the template to the non-localized branches configured in the landscape.

For more information on company template, refer the *Company Template Configuration* section in this document.

• Your SAP Business One license file must include the *SAP-INTERCOMPANY* license component for using the Intercompany integration solution. You must assign the *SAP-INTERCOMPANY* license component to all named users of SAP Business One.

i Note

For information about the Intercompany integration solution for SAP Business One licensing requirements, see the license information on SAP Partneredge at https://partneredge.sap.com/en/products/business-one/about/integration.html.

 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.

2.2 Installation Checklist

To successfully complete the installation, proceed as follows:

- 1. Install the Intercompany integration solution add-on in all branch and consolidation companies.
- 2. Install the Intercompany integration solution scenarios.

2.3 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 exists 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 Intercompany integration solution Add-

You must install the Intercompany integration solution 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 Intercompany integration solution 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 Intercompany integration solution add-on.

3.1 Registering the Intercompany integration solution 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.



Caution

Ensure that your SAP Business One license file includes the SAP-INTERCOMPANY license component. You must assign the SAP-INTERCOMPANY license component to all named users of SAP Business One; otherwise; the Intercompany integration solution add-on will fail to connect.

To register the Intercompany integration solution 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 \rightarrow Add-Ons \rightarrow 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 Intercompany integration solution add-on is named Intercompany.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 Intercompany.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.

- i Note
- Use 1 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 Intercompany integration solution 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 addon installation.

3.2 Assigning the Intercompany integration solution 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 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 \rightarrow Add-Ons \rightarrow Add-On Administration.
- 3. Select the Company Preferences tab.

- 4. To assign the Intercompany integration solution add-on, in the list of Available Add-Ons, select the Intercompany add-on. Then click 1.
- 5.
- o 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.
 - 1 Note
 - Use to move the order of the Intercompany add-on up the list of Company-Assigned Add-Ons.
- o To unassign the add-on, in the Company-Assigned Add-Ons list, select the add-on and click 1.
- 6. 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.
- 7. Choose the *Update* button.

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

Assigning the Intercompany integration solution Add-on 3.3 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 Intercompany integration solution 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 Intercompany integration solution add-on installed.
- 2. In the SAP Business One Main Menu, choose Administration \rightarrow Add-Ons \rightarrow 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.

Add-On Installation on SAP Business One Client 3.4

Once the Intercompany integration solution 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 allotted 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.



Caution

If the wizard begins the installation and you 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. In order 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 only performs the initialization process once for each company database.



Caution

Ensure that the Intercompany integration solution add-on log folder has read and write permission.

3.5 Upgrading from Previous Intercompany integration solution Add-On Releases

- You have fulfilled all the requirements described in the Prerequisites section above.
- A lower version of the Intercompany integration solution add-on is already installed.

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* \rightarrow *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 Intercompany integration solution add-on is named Intercompany.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 Intercompany integration solution add-on is named Intercompany.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.



Use <u>†</u> to move the order of the Intercompany integration solution 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 Intercompany integration solution 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.



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

3.6 Uninstalling the Intercompany integration solution Add-On

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



A Caution

Do not uninstall the Intercompany integration solution 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:

- 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 \rightarrow Add-Ons \rightarrow 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 4. 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.

1 Note

Remove CTX_IC_SP_TransactionNotification stored procedure calling from SBO_SP_TransactionNotification, if you do not want to use the SAP Business One company database for intercompany transactions.

4 Installing the Intercompany integration solution

To install the Intercompany integration solution, you need to run the Intercompany integration solution scenario installer.

The Intercompany integration solution scenario installer performs the following:

- Uploads the Intercompany integration solution scenario package to the integration framework for SAP
- Installs 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 Intercompany integration solution scenarios on one instance of the integration component.



Recommendation

Use the integration component for SAP Business One running on the instance of the head office company's SAP Business One server.



Caution

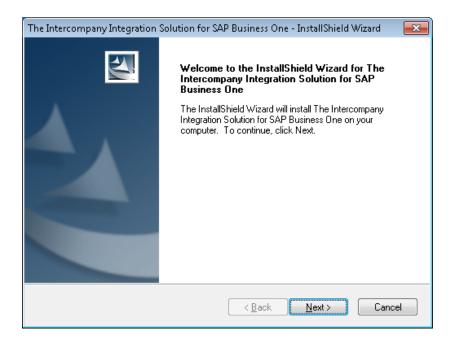
Ensure that you have installed the Intercompany integration solution add-on for all branch and consolidation companies.

4.1 Installing the Intercompany integration solution Scenarios

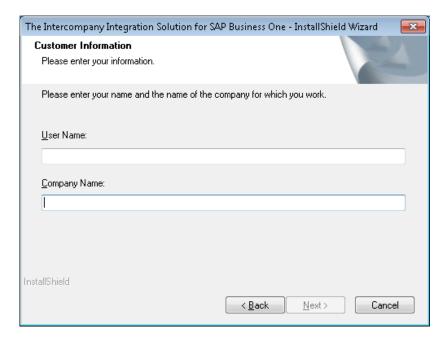
Follow the procedure below to install the Intercompany integration solution scenarios:

Launch the Intercompany integration solution scenario installer by double-clicking the Setup.exe file.

1. 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 Server Login* 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 2005, 2008, 2012, 2014, 2016, 2017 and SAP HANA DB are supported
 - o Database server

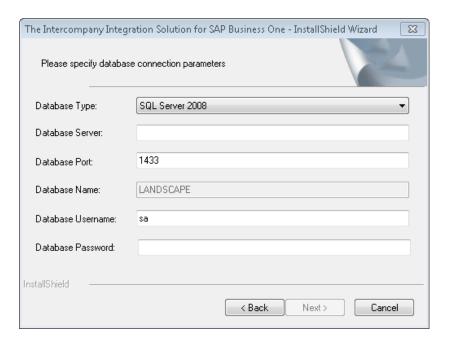
1 Note

The database server name is prepopulated by default.

Port

Note that the default port for the Microsoft SQL Server (1433) and default port for the SAP HANA DB (30015) is prepopulated in this field.

- o Database name
 - Note that the database name is set by default to Landscape.
- o User name
- o Password



- 5. In the B1i Credential window, enter the following information and choose the Next button.
 - o B1i Server
 - i Note

The B1i Server name is prepopulated by default.

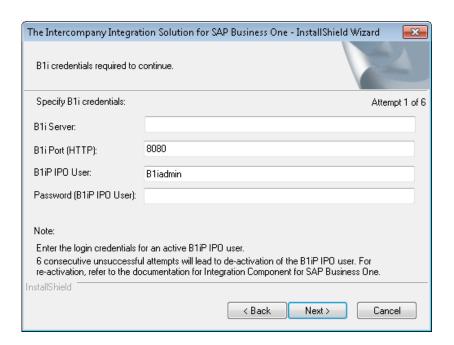
o B1i Port (HTTP)

Note that the default HTTP port for the B1i Server (8080) is prepopulated in this field.

- o B1iP IPO User
 - 1 Note

The default BliP IPO user is Bliadmin.

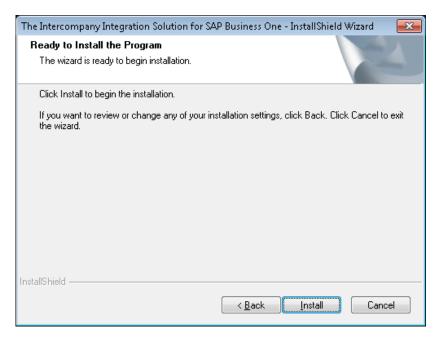
o Password (B1iP IPO User)



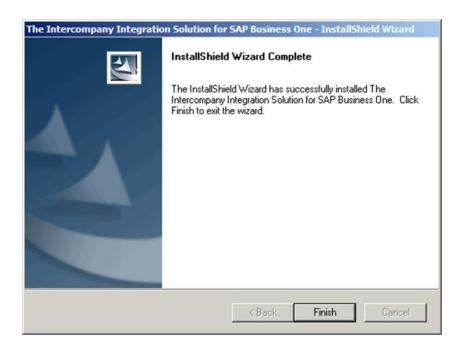


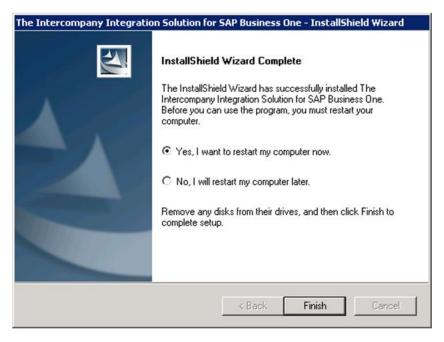
To ensure that the B1iP IPO user is active, check the B1iP Control Center. Entering an incorrect password for the B1iP IPO user six consecutive times will deactivate the B1iP IPO user. You can reactivate the B1iP IPO user in the B1iP Control Center.

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



7. Choose the Finish button.





i Note

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.

Upgrading the Intercompany integration solution 4.2 Scenarios



Caution

Before upgrading you must ensure that Automatic Consolidation is not configured in the SAP Business one consolidation companies.



Caution

Before upgrading you must ensure that 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.



A Caution

Before upgrading ensure that all users are logged off from the participant SAP Business One companies.

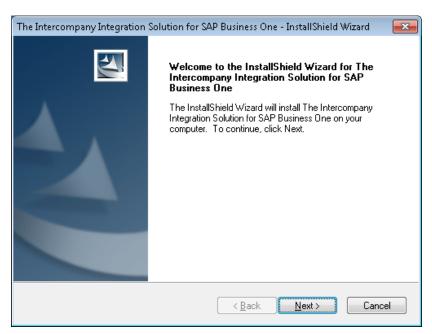


Caution

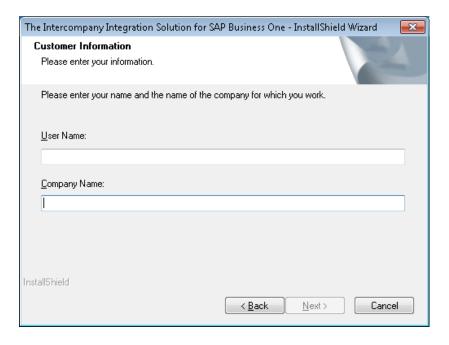
Before upgrading the intercompany scenario installer ensure that intercompany add-on is already upgraded as per steps mentioned in the section 4.5 of this document.

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

1. Launch the Intercompany integration solution scenario installer by double-clicking the Setup.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.



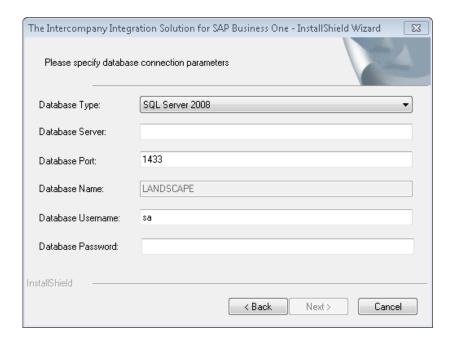
- 4. In the *Database Server Login* window, enter the following information and choose the *Next* button.
 - Database Type Choose the database type from the dropdown list. Currently, only Microsoft SQL Server 2005, 2008, 2012, 2014, 2016, 2017 and SAP HANA DB are supported
 - Database server
 - i Note

Database server name is populated by default.

o Port

The default port for Microsoft SQL Server (1433) and default port for the SAP HANA DB (30015) is prepopulated in this field.

- o Database name
 - Note that the database name is set by default to Landscape.
- o User name
- o Password



- 5. In the B1i Credential window, enter the following information and choose the Next button.
 - o B1i Server
 - i Note

The B1i Server name is prepopulated by default.

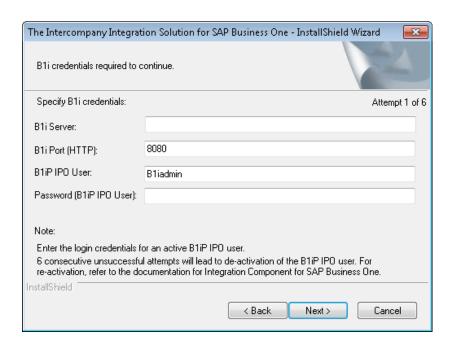
o B1i Port (HTTP)

Note that the default HTTP port for the B1i Server (8080) is prepopulated in this field.

- o B1iP IPO User
 - i Note

The default B1iP IPO user is B1iadmin.

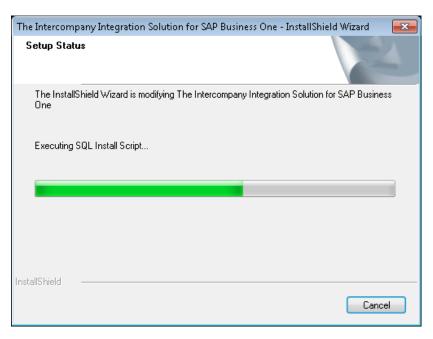
o Password (B1iP IPO User)



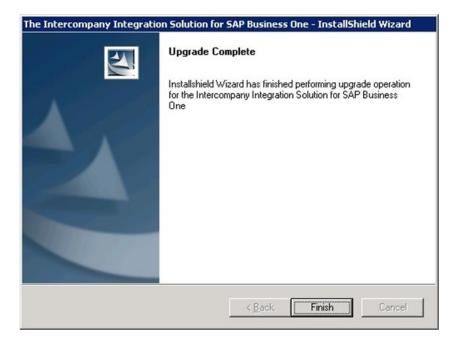


To ensure that the B1iP IPO user is active, check the B1iP Control Center. Entering an incorrect password for the B1iP IPO user six consecutive times will deactivate the B1iP IPO user. You can reactivate the B1iP IPO user in the B1iP Control Center.

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



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



1 Note

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

1 Note

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

i Note

After successfully completing the Intercompany integration solution scenario 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.

i Note

After successfully completing the Intercompany integration solution scenario 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 Intercompany integration solution scenario upgrade, you must deploy the Intercompany integration solution once again from the Intercompany Administration Console.

i Note

For more information about deploying the Intercompany integration solution, see Setting up the Intercompany integration solution.

4.3 Removing the Intercompany integration solution Scenarios

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:

- 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.

4.4 Post-Installation Activities

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

- Configuring settings in SAP Business One
- Setting up the Intercompany integration solution

4.5 Configuring Settings in SAP Business One

You must perform a number of 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 \rightarrow Intercompany Implementation Wizard \rightarrow 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 \rightarrow System Initialization \rightarrow General Settings \rightarrow Display tab.

- 2. Set the paths for the *Pictures* and *Attachments* folders by choosing *Administration* \rightarrow *System Initialization* \rightarrow *General Settings* \rightarrow *Path* tab.
- 3. Check that the Manage Freight in Documents checkbox is enabled by choosing Administration \rightarrow System Initialization \rightarrow Document Settings \rightarrow 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 Intercompany integration solution add-on.
- 6. Enter the connection details for the integration server for SAP Business One by choosing *Administration*→ Setup → Intercompany → B1i Server Details.
 - i Note

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.

4.6 Setting Up the Intercompany integration solution

i Note

You set up the Intercompany integration solution using the Intercompany Administration Console web application, which can be accessed on the machine on which you installed the Intercompany integration solution scenarios.

i Note

The Intercompany Administration Console is powered by the SAP Business One integration framework (B1iF) and uses the user administration and authentication of B1iF.



Caution

You must access the Administration Console using web browser as mentioned in the SAP Note 2137844 (The GUI is improved for the Intercompany Administration Console/ Web browser requirements).

Follow the steps below to set up the Intercompany integration solution:

 To launch the Administration Console, in the Microsoft Windows environment, choose Start → All Programs → The Intercompany Integration Solution for SAP Business One → Intercompany Administration Console.

1 Note

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.ipo/xml/CC.intercompany.xml

Where:

<ServerAddress> = the address of the integration server for SAP Business One on which you
installed the Intercompany integration solution scenarios.



Caution

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

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.



Caution

This URL is case sensitive. Make sure that the capitalization of the URL matches the example above.

For security reasons, the user has the option to 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.



Recommendation

SAP recommends, but does not enforce, the use of 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.

i

Note

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/Admin Console.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 Intercompany integration solution scenarios.



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 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.

2. In the *B1i Administrative Logon* window, enter the user ID and password for an active B1i user and choose the *Logon* button.



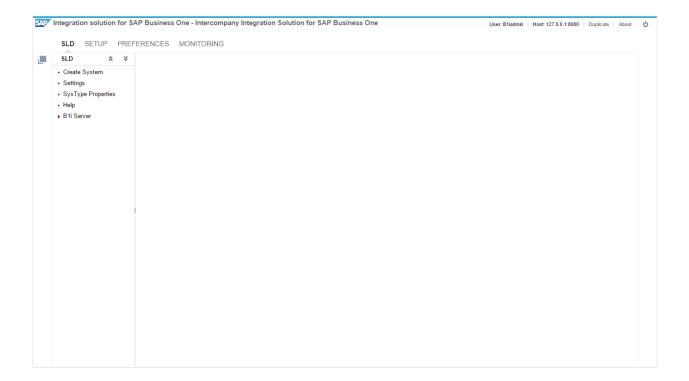
Note

The default B1i user is B1iadmin.

Note that the user ID and password are case sensitive.



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



i Note

Locate the cursor on a field and a tooltip will appear displaying information about that item.



Caution

Before proceeding with the Intercompany setup, ensure that a system landscape directory (SLD) entry exists in the BliF 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 such databases. See the SAP Business One Administrator's Guide on SAP Help Portal.

1 Note

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 Intercompany integration solution scenarios).

i Note

Before proceeding with the Intercompany integration solution setup, ensure that you have installed the Intercompany integration solution add-on in each SAP Business One company database which you would like to include in the Intercompany integration solution.

Recommendation

SAP recommends to use Multi DI proxy for better performance while replicating data across multiple B1 companies.

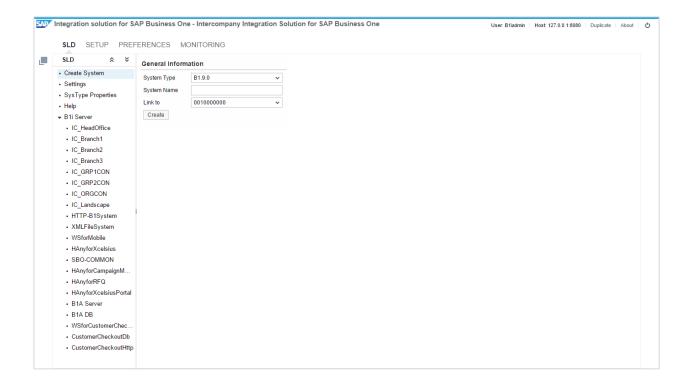
SAP recommends configuring separate DI Proxy for each level of Consolidation Company to have the better performance during consolidation process,

Refer to SAP Note 1975033 for installation and configuration details.

4. 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 below:

- 1. In the top menu bar of the Administration Console, choose the *SLD* option.
- 2. In the left frame of the SLD page, choose the Create System option.



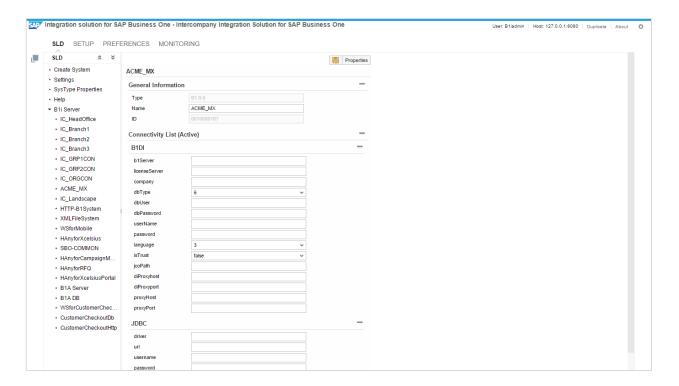
- 3. In the General Information area, in System Type field, choose B1.9.0 from the dropdown list.
- 4. In the System Name field, enter a name for your SAP Business One company database.

Recommendation

In the System Name field, enter the company database name.

- 5. In the Link to field, choose B1i Server from the dropdown list.
- 6. Choose the *Create* button to generate the SLD entry.

The system name appears as a heading on the new page.



7. In the Connectivity List (Active) area, complete the following fields in the B1DI area.

| Field Name | Description |
|---------------|---|
| b1Server | Enter the server name or IP address of the SAP Business One server. |
| licenseServer | Enter the server name or IP address and port number of the SAP Business One license server in the following format: <pre> <servername>:<portnumber></portnumber></servername></pre> |
| | The default port is 30000. |
| company | Enter the name of the SAP Business One company database. |
| dbType | Currently, only Microsoft SQL Server 2005, 2008, 2012, 2014, 2016, 2017 and SAP HANA DB are supported. Choose the database type from the dropdown list. |
| dbUser | Enter the user for accessing the company database using the database connection. |
| dbPassword | Enter the password for database login. |

| Field Name | Description |
|-------------|--|
| userName | Enter B1 i in this field. |
| | Ensure that a user with this name exists in the SAP Business One company database. |
| password | Enter the password for the Bli user. |
| language | From the dropdown list, choose English(US). |
| isTrust | The default value for this field is <i>False</i> . If you want to use a trusted connection, choose <i>True</i> from the dropdown list. |
| jcoPath | Enter the path to the JCO library. |
| diProxyhost | The DI proxy host must be defined if B1i is installed on a separate server (that is, other than the SAP Business One server). The value in this field should be the same as the SAP Business One server address. |
| diProxyport | The default value for the DI proxy port is 2099. |
| Proxyhost | The proxy host is defined in a multi-instance scenario. If the B1i server connects to the SAP Business One server through a proxy server, the user must enter the address of the proxy server in this field. |
| proxyport | Enter the proxy port in this field. |

In the Connectivity List (Active) section, complete the following fields in JDBC area.

| Field Name | Description |
|------------|---|
| driver | Enter the JDBC driver information: |
| | This is an example for the Microsoft SQL Server 2005, 2008, 2012, 2014, 2016 and 2017: com.microsoft.sqlserver.jdbc.SQLServerDriver |
| | This is an example for SAP HANA DB: com.sap.db.jdbc.Driver |
| url | Enter the JDBC URL: |
| | This is an example for the SQL Server, dbName=DatabaseName: |
| | jdbc:sqlserver://ipaddress:1433;integratedSecurity=false; |
| | databaseName=DBNAME; selectMethod=cursor |
| | This is an example for the SAP HANA DB, dbName=DatabaseName: jdbc:sap://ipaddress:30015?currentschema=DBNAME |
| username | Enter the user name for database access. |
| password | Enter the password for database access. |

8. Choose the *Save* button.

i Note

Ensure that you can successfully perform B1DI and JDBC test connections to the registered system.

- 9. Repeat steps 1–7 for each company database that you would like to register.
- 10. All company databases registered on the *SLD* page are displayed in the left frame of the Administration Console. You can click the system name in the left frame to display the registration information of the selected system.

1 Note

To edit the system registration information, choose the *Edit* button.

To delete a system registration, choose the *Delete* button.

5. 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.

6. Setting Up E-mail

- 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.
 - i Note

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

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. |
| SMTP Server for Sending E- Mails | Specify the address of the outgoing mail server. |
| SMTP Port for Sending E- Mails | Specify the port for the outgoing mail server. |
| SMTP User for Sending E- Mails | Specify the user name for the outgoing mail server. |
| SMTP Password for Sending E-Mails | Specify the password for the outgoing mail server. |

7. 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.

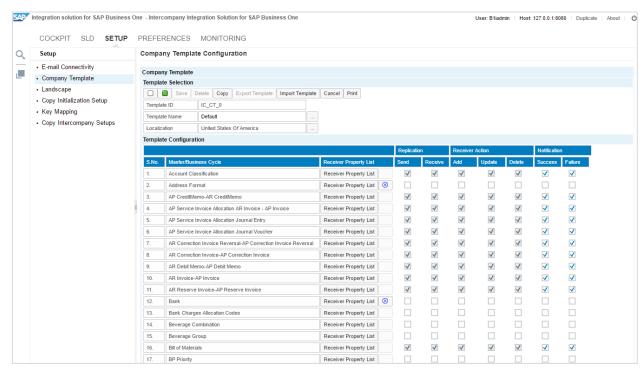
1 Note

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.
 - 1 Note
 - 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.
 - o **General Template**: use general template for the countries that are not supported and localized by intercompany integration solution.
- 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.

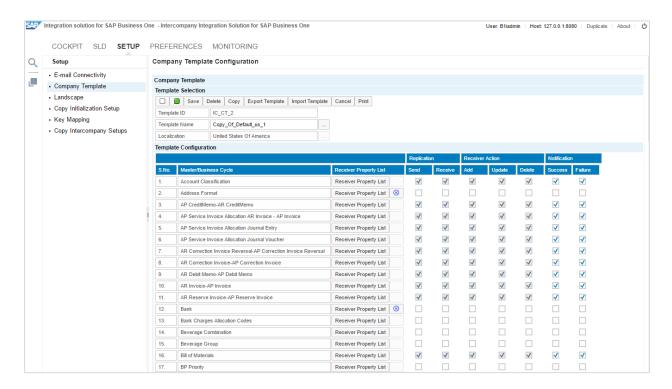


The following fields appear in the Company Template Configuration window:

| Field | Description |
|--------------------------|---|
| Template ID | Displays the company template ID. |
| Template Name | Displays the company template name. |
| Localization | Displays the localization selected for the template. For general template, the localization field displays 'General' |
| Master/Business Cycle | Displays the list of masters and business cycles for configuration. |
| Receiver Property List | Choose this button to view the receiver property replication configuration. |
| | 1 Note |
| | In the company template, [®] icon indicates the master is key mapped. |
| Replication: Send | Select this checkbox to send the business object event from the SAP Business One company. |
| Replication: Receive | Select this checkbox to receive the business object event in the recipient SAP Business One company. |
| Receiver Action: Add | Select this checkbox to receive the add action event in the recipient SAP Business One company. |
| Receiver Action : Update | Select this checkbox to receive the update action event in the recipient SAP Business One company. |
| Receiver Action: Delete | Select this checkbox to receive the delete action event in the recipient business one company. |
| Notification: Success | Select this checkbox to receive success notifications from the Intercompany integration solution in the recipient SAP Business One company. |
| Notification: Failure | Select this checkbox to receive failure notifications from the Intercompany integration solution in the recipient SAP Business One company. |

8. 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.

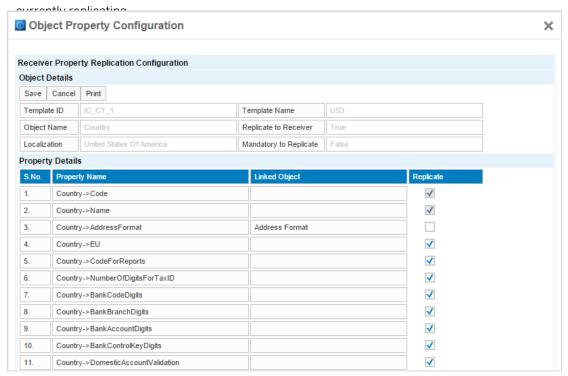


i Note

- To check the configuration status of the template, choose \square (*Configuration Status*). If you have configured the properties, the configuration status icon turns green (\square).
- To check the consistency of the template, choose (Consistency Check).
- o To save the company template, choose the Save button.
- o To delete the company template, choose the *Delete* button.
- o To copy the company template, choose the *Copy* button.
- o To export the company template, choose the *Export Template* button.
- o To import the company template, choose the *Import Template* button.
- o To print the company template data, choose the *Print* button.
- o To close the company template, choose the *Cancel* button.
- 9. 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.
- 10. 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.



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



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

| Field | Description | |
|------------------------|---|--|
| Object Name | Displays the object name. | |
| Replicate to Receiver | Indicates whether the current object is replicating to the receiver (True) or not replicating to the receiver (False). | |
| Mandatory to Replicate | Displays whether the current object is required to replicate (True) or not required to replicate (False). | |
| Property Name | Displays the list of property names for the object. | |
| Linked Object | Displays the object that is linked to the property. Example In the country master, the address format property is shown as a linked object | |
| Replicate | to the address master. Select this checkbox to enable the property replication. Note 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:

- o 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.
- o If you select a property which is linked to an object, the linked object master is automatically selected as well.



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.

i Note

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.

i Note

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.

i Note

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.



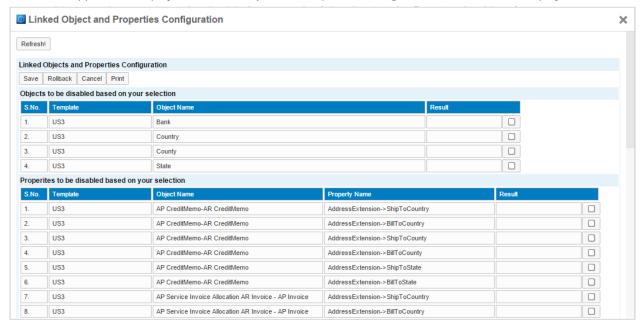
In the house bank master, the BankKey property is a mandatory property linked to the bank master. If you select the *Receive* checkbox for the house bank master, the application displays the following message "This master also requires the bank master to be marked for replication. Do you want to continue?"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

i Note

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



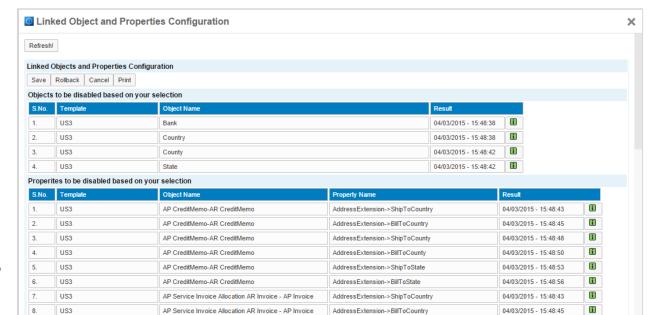
1 Note

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

i Note

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



In the *Linked Object and Properties Configuration* window, when all objects and properties are successfully disabled, the ii 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*).

1 Note

In Template Configuration table, note the following:

- o 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.

i Note

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.

8. Landscape

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.

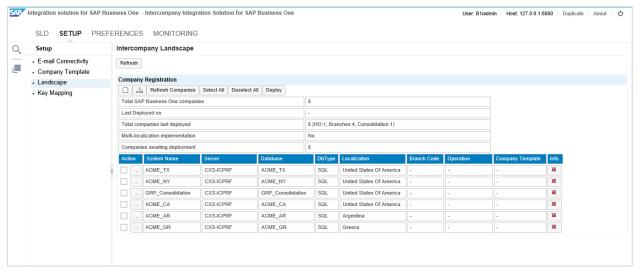


Caution

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.

i Note

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



i Note

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.

i Note

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



Not registered in the Intercompany integration solution



Consolidation Hierarchy Chart



Company details have been modified; solution deployment is still pending



Template Company

1 Note

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.
- o Choose the (Deployment Status) icon to display the deployment status of the Intercompany integration solution.
- Choose the 4 (Consolidation Hierarchy Chart) icon to display the consolidation hierarchy chart.

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.
 - 1 Note
 - 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.
 - Choose the Select All button to select all systems.
 - Choose the Deselect All button to deselect all systems.
 - 1 Note

To remove (deactivate) a company configured in the Intercompany integration solution, deselect the checkbox in the Action field next to the relevant system.

1 Note

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.

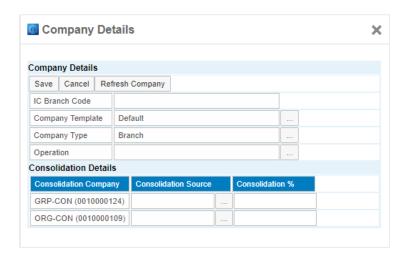
2. For each system you have selected, in the Action field, choose the (...) (Browse) button.



Recommendation

Start with the higher level of Consolidation Company.

3. In the Company Details area of the window, enter the following details:



i _{Note}

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

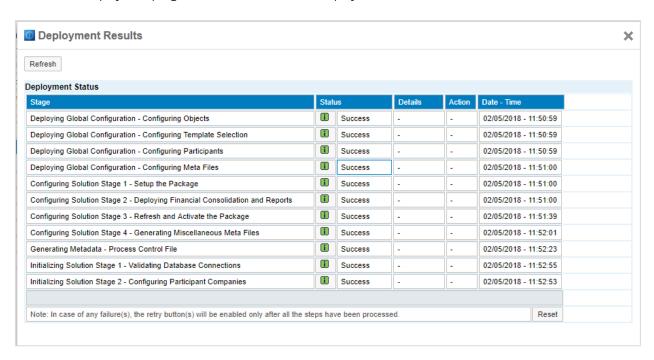
The following fields are displayed in the *Company Details* area:

| Field Name | Description | |
|---|--|--|
| IC Branch Code | 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. | |
| Company Template | 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. | |
| Company Type | 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. | |
| Operation | This setting is required for the <i>Service</i> module. Select an operation type for the company from the following options: <i>Sales, Service</i> , or <i>Sales and Service</i> . Contract templates, customer equipment card, and service contracts are replicated from sales companies to service companies. | |
| Consolidation Details: Consolidation Company | Display the list of consolidation companies defined in the landscape. | |
| Consolidation Source | 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 () (Browse) button, and from the dropdown list, choose either the System Currency or Consolidation Currency option. If you choose the System Currency option, the system assumes that the system currency is the same as the consolidation currency. | |

| Field Name | Description |
|--------------------------|---|
| | 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. Note |
| Consolidation Percentage | Do not enter the percent sign (%). For example, if the consolidation percentage is 50 percent, enter 50. Note |
| | For a Branch company, total consolidation % for all consolidation companies should not be greater than 100. |

9. Deploy

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



- i Note
- 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.
- o If you unintentionally close the *Deployment Results* table during deployment, click the [] icon to reopen the page.

- If the deployment tasks executes 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.

1 Note

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.

1 Note

Whenever SLD registration or email connectivity details are updated, you must deploy the Intercompany integration solution again.

1 Note

Whenever you assign a new company template to a branch company in the Company Details, you must deploy the Intercompany integration solution again.

1 Note

Whenever you perform any update in the Branches -Setup window, you must deploy the Intercompany integration solution again.

1 Note

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 licon.

10. Copy Initialization Setup

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

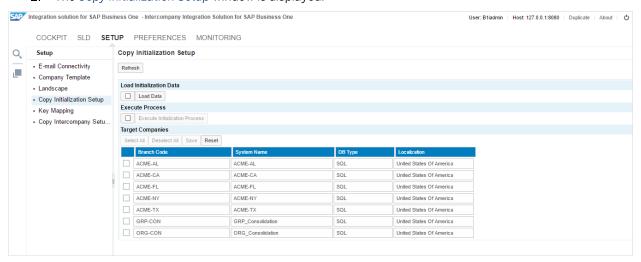
This enables the user to perform initialization steps in one go in all branch companies there by significantly reducing the solution implementation time.

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

1 Note

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

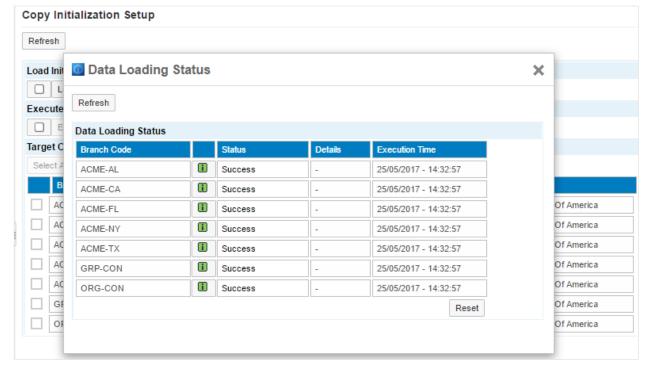
- 1. In the top menu bar of the *Administration Console*, choose the *Setup* option. In the left frame, choose the *Copy Initialization Setup* option.
- 2. The Copy Initialization Setup window is displayed.



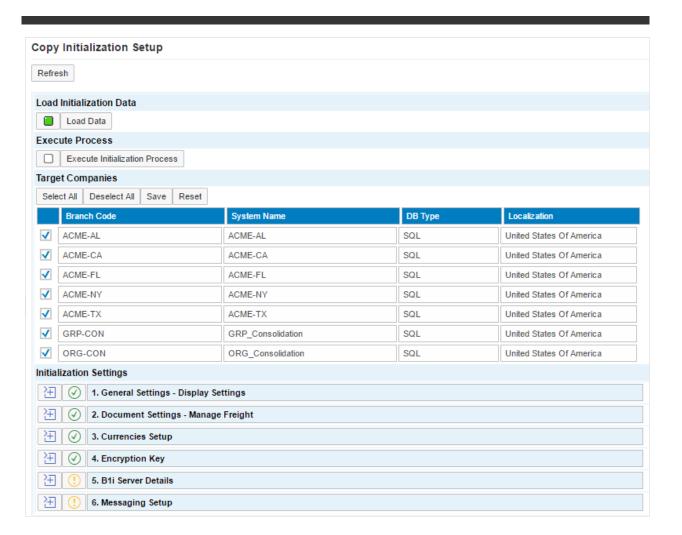
- 3. Choose the Refresh Companies button to refresh all selected companies' details.
- 4. To Import the initialization data, In the Load Initialization Data section, choose the Load Data button.
 - 1 Note

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.

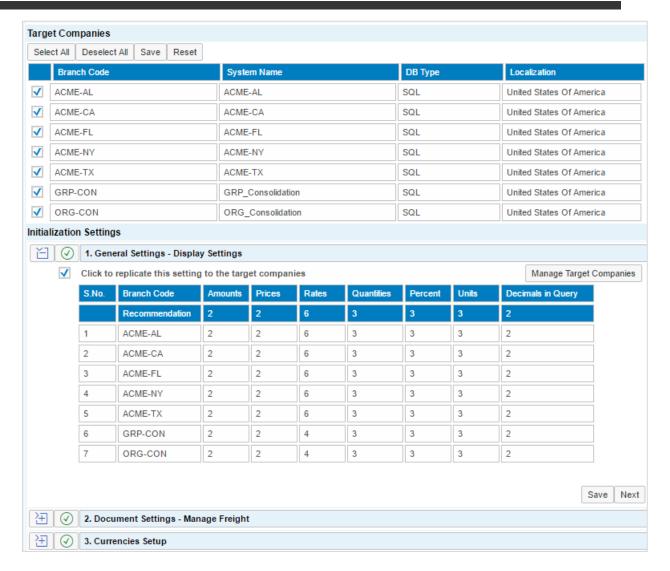
5. In the prompt window. Choose *OK* to start the load data process. Further choose *OK* on the information prompt window.



- o 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.
- o If you unintentionally close the *Data Loading Status* window during data loading, click the icon to reopen the page.
- o If the data loading tasks executes successfully, in the *Data Loading Status* table, the *Status* field displays Success.
- o If the data loading tasks 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.
- o If the loading data process completes successfully, in the loading data section, the [icon is displayed.
- o 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 that you want to copy the initialization data.
 - 1 Note
 - o Choose the Select All button to select all systems.
 - o Choose the Deselect All button to deselect all systems.
 - o Choose the Save button to save all selected companies.
 - o 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 prompt 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.

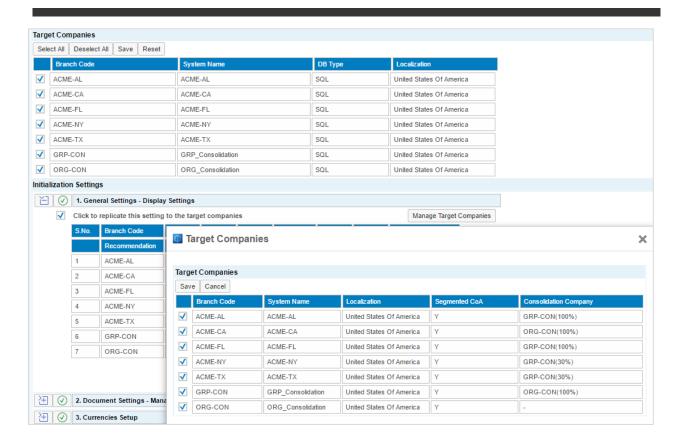


- 9. In the Initialization Settings following icons are displayed against each step.
 - Indicates steps settings are configured.
 - U Steps settings are not yet configured and requires the users input
- 10. Choose 进 button to expand the relevant step. Expand the General Settings Display Settings step.

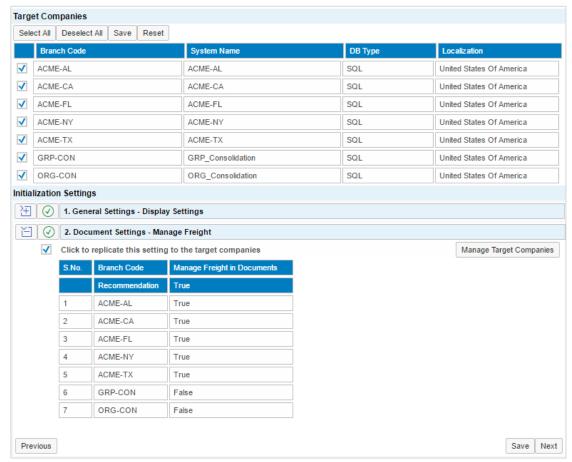


- 11. In Display Settings step, application displays the decimal places data from the all companies selected in the target company list and provides the recommended values.
- 12. Choose the *Click to replicate this setting to the target companies*' check box to replicate the recommended value data in the target branch companies on initialization process execution.
- 13. To replicate the data to the specific branch companies, choose the *Manage Target Companies* button.
- $14. \ \ The \textit{Target Companies} \ window is \ displayed.$

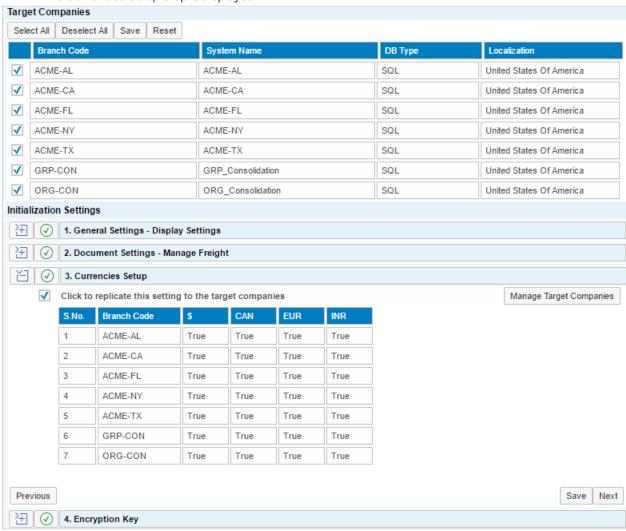
The companies selected in the main Target Companies list appears in this window



- 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 General Settings Display Settings step and choose Next
- 17. The Document Settings Manage Freight step is displayed.



- 18. 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.



- 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.



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.

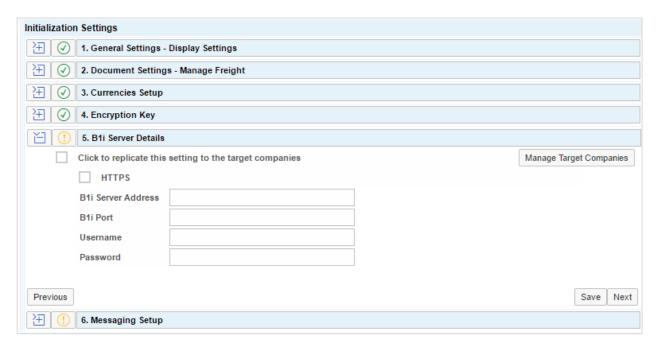
i Note

While creating missing currency in the target company, application only checks the currency code. If currency code exists 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.
 - i Note

The encryption key is used to encrypt the passwords saved in the Intercompany setups.

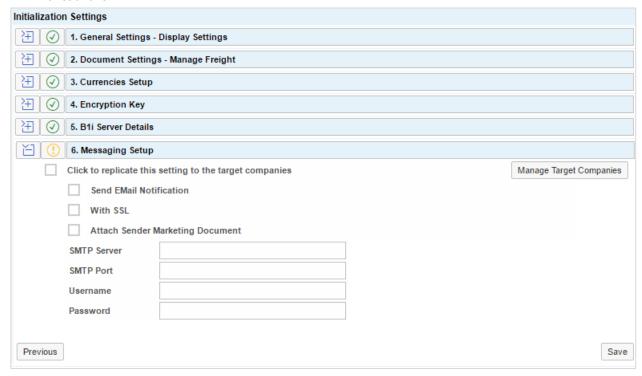
- 29. Choose the *Click to replicate this setting to the target companies*' check box to replicate the encryption key in the targeted branch companies on initialization process execution.
- 30. To replicate this step data to the specific branch companies, choose the *Manage Target Companies* button and 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. | |
| Enter the user name for an active Blip user. User Name Example Bliadmin | | |
| Password | Enter the password for the Blip user. | |

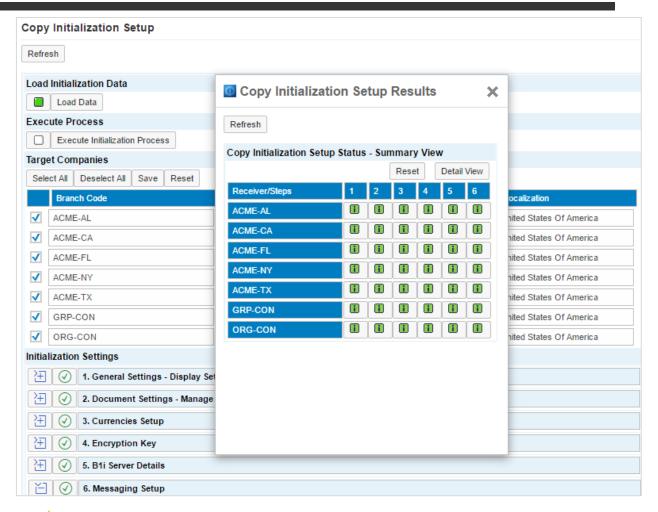
- 33. Choose the *Click to replicate this setting to the target companies*' check box to replicate the B1i Server Details settings in the target branch companies on initialization process execution.
- 34. To replicate this step data to the specific branch companies, choose the *Manage Target Companies* 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



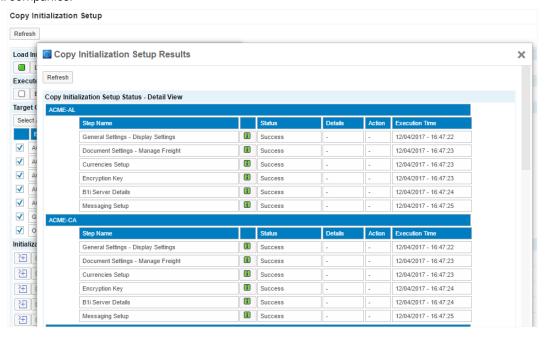
The following fields are available on Messaging Setup step.

| Field | Description | |
|---|--|--|
| Send Email Notification | Select this checkbox to activate email notification for an interbranch transaction. Email notifications are only supported for the following transactions: • G/L Allocation • Intercompany Trade, that is – marketing document exchange • Centralized Payments | |
| With SSL | Select this checkbox to enable the solution to use SSL in email notification. | |
| Attach Sender Marketing Document | Select this checkbox to attach the sender marketing document to the email notification. | |
| | 1 Note | |
| | Attachments are only supported for Document Exchange Cycle. | |
| SMTP Server, SMTP Port | Specify the outgoing mail server address and port | |
| User Name, Specify the user name and password for the outgoing mail server Password | | |

- 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.



- 1 Note
- o Choose the Refresh button to refresh all companies' initialization data details.
- o Choose the *Detail View* button to view each company step wise detail.
- o 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.



- o 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.
- o If you unintentionally close the *Copy Initialization Setup Results* table during copy process, click the icon to reopen the page.
- o If the copy initialization setup tasks executes successfully, in the *Copy Initialization Setup Results* table, the *Status* field displays Success.
- If the copy initialization setup tasks 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.

11. Key Mapping

1 Note

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

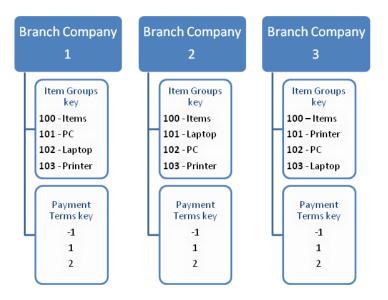
Some objects in SAP Business One have an internal primary key which differ from that displayed in SAP GUI (for example, freight, length and width UOM, weight UOM, payment terms, item group). To successfully replicate master data for these objects, the internal keys of all branch companies must be mapped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

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





Three branch companies have the following freights:

| Freight | Company – IC001 | Company – IC002 | Company – IC003 |
|---------|-----------------|-----------------|-----------------|
| AAA | ② | ② | |
| BBB | | ② | ② |
| CCC | 0 | ② | ② |
| DDD | ② | 0 | ② |
| EEE | ② | | ② |
| FFF | | 0 | ② |

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.

1 Note

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:

1 Note

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.

1 Note

- In Summary Report, Under Import Status field Not Initiated denotes that import process is not yet started for the object.
- In Summary Report, Under Import Status field N/A for any combination of branch and object denotes that key mapping data is not required to be imported.
- In Summary Report, Under Status field hyphen (-) character denotes that import of data is not yet initiated for this object,
- In Summary Report, Under Status field 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.

- o In *Object Summary*, Under *Import Status* field *Not Initiated* denotes that import process is not yet started for the object.
- o In *Object Summary*, Under *Import Status* field *N/A* for any combination of branch and object denotes that key mapping data is not required to be imported.
- o In *Object Summary*, Under *Status* field hyphen (-) character denotes that import of data is not yet initiated for this object,
- o In *Object Summary*, Under *Status* field *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.

i 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.
 - i Note

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.

Note

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.
 - 1 Note

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

1 Note

- 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.
- In Summary view, under Key Mapping Data section, in Keymapping Status field, 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 $Setup \rightarrow Landscape$), be sure to do the key mapping for all new masters configured for replication in the company template.

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

1 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 Object Name 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 | |



A 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.
 - 1 Note

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.

12. 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
 - o 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:

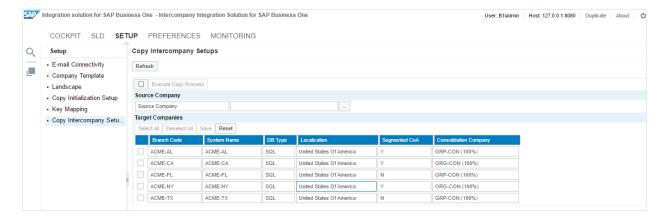
1 Note

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



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.

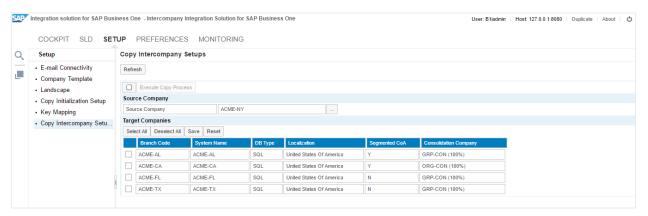


On the *Copy Intercompany Setups* page, the following icons are displayed to indicate the status of copy process:

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

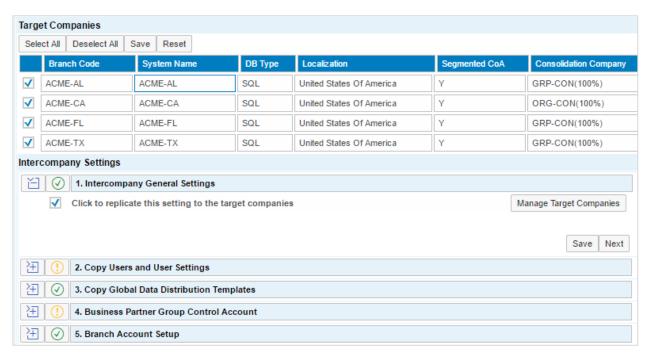
Source Company acts as a base company from which all setup information will be copied to the receiver companies.

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



- 6. 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.
 - i Note
 - 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.
- 7. 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.
- 8. In the Intercompany Settings table following icons are displayed against each step.
 - Indicates steps settings are configured.

- U Steps settings are not yet configured and requires the users input
- 9. Choose 🗄 button to expand the required step.
- 10. Expand the first step i.e. Intercompany General Settings.
- 11. The Intercompany General Settings step is displayed.

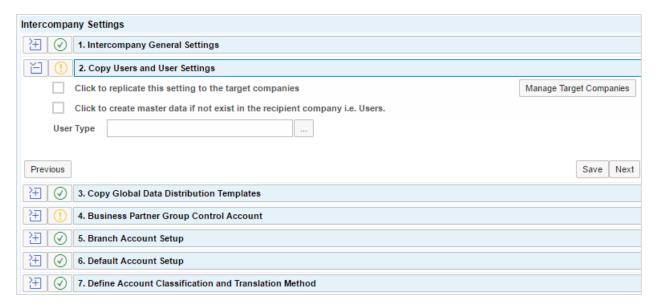


The following fields are displayed in the *Intercompany General Settings* step:

| Field Name | Description |
|--|---|
| Click to replicate this setting to the recipient companies | 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. |
| | 1 Note |
| | 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 Drop Ship Warehouse field. |
| | If the sender company drop ship warehouse code does not exist in the receiver company then application sets the "IC_DShip" warehouse code in the <i>Drop Ship Warehouse</i> field. |
| | 1 Note |
| | 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 | Select this button to display the target company list. |

| Field Name | Description |
|------------|---|
| | 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 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 |
|---|--|
| Click to replicate this setting to the target companies | Selecting this check box will replicate user settings information from the source company to the target companies. |

| Field Name | Description | |
|---|---|--|
| | i Note | |
| | 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. | |
| Click to create master data if not exist in the recipient company i.e. Users. | 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. Note | |
| | 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. | |
| | 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. | |
| User Type | Choose the () (Browse) button. From the dropdown list, choose a User Type i.e. All Users, Super User, Common Users and Intercompany Users. | |
| | 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 | Select this button to display the target company list. | |
| Companies | 1 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.

1 Note

- 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.
 - i _{Note}

Application will copy the intercompany relevant information from Users setup, Intercompany Alert Administration and Global Data Authorization.

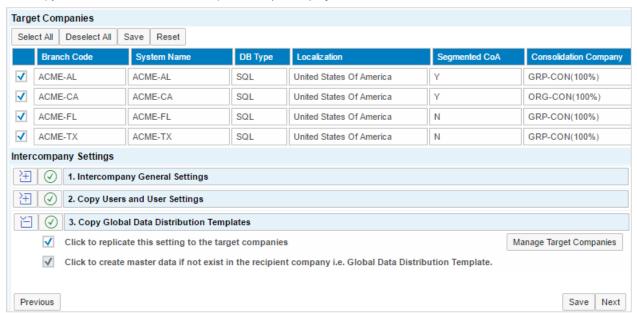
- 20. Choose the *Click to create master data if not exist in the recipient company i.e. Users* check box to create the users if not exist in the target companies on copy process execution.
 - i _{Note}

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.

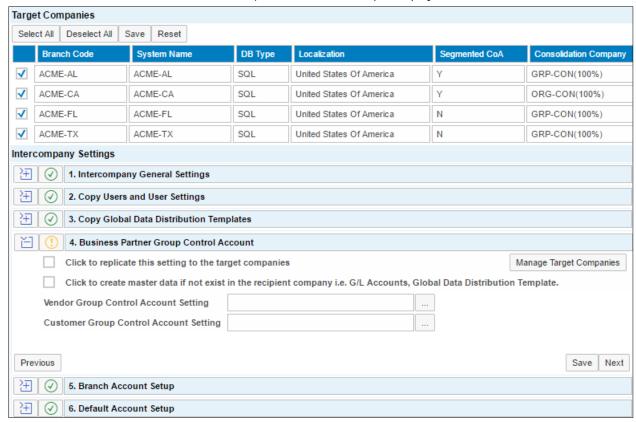
i _{Note}

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.



- 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.



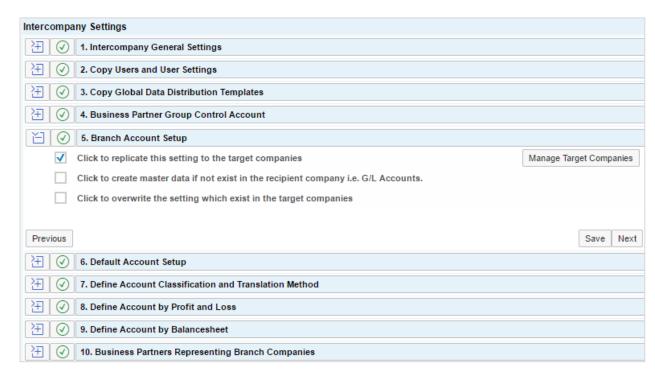
The following fields are displayed in the Business Partner Group Control Account step:

| Field Name | Description |
|---|---|
| Click to replicate this setting to the target companies | Selecting this check box will replicate Vendor Group/Customer Group control account and Distribution template information from the sender company to the recipient companies. 1 Note |
| | For account copy logic, refer the Account Copy Logic in the Target Company section in this document. |
| | 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. |
| Click to create master data if not exist in the recipient company i.e. G/L Accounts, Global Data Distribution Template. | 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. |

| Field Name | Description |
|---|--|
| | i Note |
| | For account creation logic, refer the Account Creation Logic in the Target Company section in this document. |
| Vendor Group Control Account Setting | Choose the () (<i>Browse</i>) button. From the dropdown list, choose <i>Copy Distribution Template</i> , <i>Copy G/L Accounts</i> and <i>Copy Distribution Template and G/L Accounts</i> . |
| | i Note |
| | 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 | Choose the () (<i>Browse</i>) button. From the dropdown list, choose <i>Copy Distribution Template</i> , <i>Copy G/L Accounts</i> and <i>Copy Distribution Template and G/L Accounts</i> . |
| | i Note |
| | 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 | Select this button to display the target company list. |
| | 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. 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. |
| Save | Choose this button to save the current step information. |
| Next | Choose this button to open the next step details. |

| Field Name | Description |
|------------|---|
| 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.

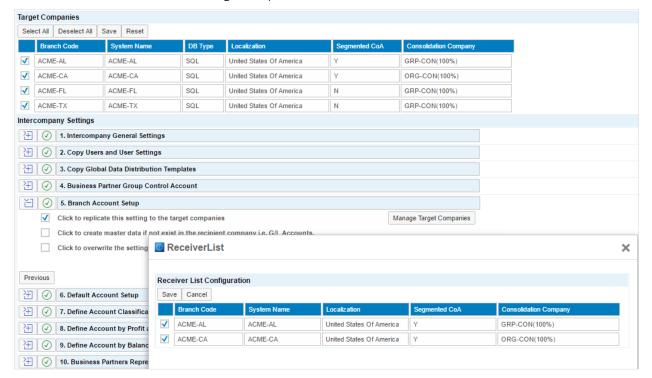


The following fields are displayed in the Branch Account Setup step:

| Field Name | Description |
|--|---|
| Click to replicate this setting to the target companies | Selecting this check box will replicate Branch Account Setup information from the sender company to the recipient companies. Note |
| | For account copy logic, refer the Account Copy Logic in the Target Company section in this document. |
| | 1 Note |
| | 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. |
| Click to create master data if not exist in the recipient company i.e. G/L Accounts. | 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. |
| | i Note |
| | For account creation logic, refer the Account Creation Logic in the Target Company section in this document. |
| Click to overwrite the setting which exist in the target companies | Selecting this check box will overwrite the setup exist in the target companies. 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. |
| Manage Target Companies | Select this button to display the target company list. 1 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. |
| | 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 <i>Target Company disappear Logic for Accounts Replication</i> section. |
| 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.



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 | _ | 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) | со | PO | Yes |
| Segmented | Segmented | 3 | 3 | (2,Alphanumeric) | (2,Alphanumeric) | CO | СО | No |

- a) Based on above table, If source and target company chart of account structure is normal i.e. Unsegmented, the target company remains visible in the receiver list.
- b) 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.

- c) 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 disappear the target company from the receiver list.
- d) 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.
- e) 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.
- f) 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.

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.



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".

1 Note

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

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.

i 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.

- 40. Choose Save in the Branch Account Setup and Choose Next.
- 41. The Default Account Setup step window is displayed.
- 42. Choose the relevant check boxes in the Default Account Setup step and choose Save.
 - i Note

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.

- 43. Choose *Next* in the Default Account setup step.
 - The Define Account Classification and Translation Method window is displayed.
- 44. Select the relevant check boxes in the *Define Account Classification and Translation Method* step and choose *Save*.
- 45. The Define Account by Profit and Loss step window is displayed.
- 46. Choose the relevant check boxes in the Default Account by Profit and Loss step and choose Save.
 - i Note

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.

- 47. Choose Next in the Default Account by Profit and Loss step.
 - The Default Account by Balance sheet step window is displayed.
- 48. Choose the relevant check boxes in the Default Account by Balance Sheet step and choose Save.
 - i Note

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.

49. Choose Next in the Default Account by Balance Sheet step.

The Business Partners Representing Branch Companies step window is displayed.

- 50. Choose the relevant check boxes in the *Business Partners Representing Branch Companies* step and choose *Save*.
 - i Note

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.

1 Note

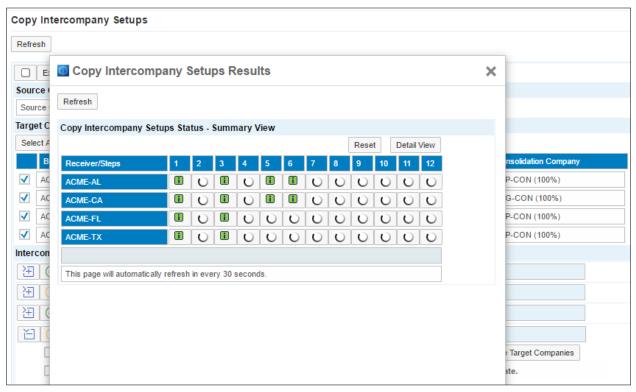
Application will also create the Global Data Distribution Template assigned to the business partner if that template does not exist in the target company.

- 51. Choose Next in the Business Partners Representing Branch Companies step.

 The General Setting Serial Number and Batch Management step window is displayed.
- 52. Choose the relevant check boxes in the *General Setting Serial Number and Batch* step and choose *Save*.
- 53. Choose Next
- 54. The Consolidation account mapping step is displayed.
- 1 Note

In the *Manage Target list* of the consolidation account mapping step, the application only display those target companies that have consolidation companies same as Source Company.

- 55. Choose the relevant check boxes in the Consolidation account mapping step and choose Save,
- 56. 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.
- 57. The Copy Intercompany Setups Results window is displayed.

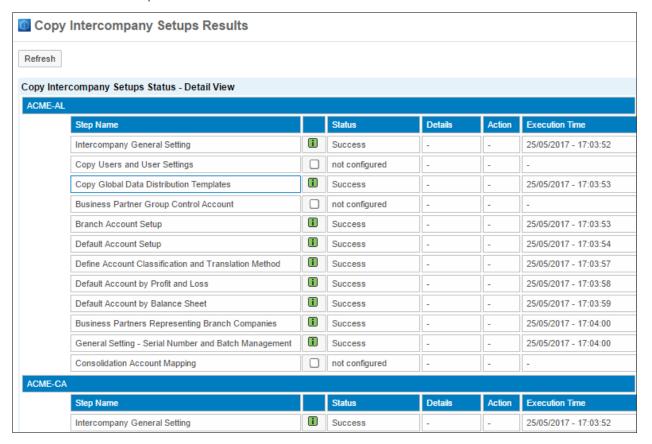


1 Note

- o Choose the *Refresh* button to refresh all companies copy data details.
- o Choose the *Detail View* button to view the each company step wise detail.
- o 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.

1 Note

- o If the copy data process completes successfully, in the results data section, the II icon is displayed.
- o If the copy data process failed, in the results data section, the licon is displayed. You can click on icon to check the error details.
- \circ If the step is not configured or not relevant for execution, the \square icon is displayed.
- 58. On choosing the *Detail View* button application displays *Copy Intercompany Setups Status Detail View* for all companies.



i Note

- o If the copy setup data tasks executes successfully, in the copy setup data status table, the *Status* field displays *Success*.
- o If the copy setup data tasks 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.
- o To re-execute a failed task, in the *Action* field, choose the *Retry* button.

- o If you unintentionally close the Copy Status Results table during copy setup data, click the icon to reopen the page.
- o If the copy data process completes successfully, in the results data section, the icon is displayed.
- o If the copy data process failed, in the results data section, the icon is displayed.
- \circ If the step is not configured or not relevant for execution, the \square icon is displayed.

13. Preferences

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

- o Set up replication of user defined fields (UDFs)
- o Set up replication of user defined tables (UDTs)
- o Set up the replication schedule for consolidating business partner balances
- o Set up the replication schedule for allocation accounts
- o Consolidation configuration/maintenance
- o Enable delivery date replication at line level from Sales Order to Purchase Order
- o Configure sender's e-mail address
- o Set up the frequency of automatic retries on errors
- o Language customization
- o Manage logs
- Access audit logs

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.
 - i Note

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.

i Note

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.
 - i Note
 - Choose the Check All button to select all UDFs.

- Choose the *Uncheck All* button to deselect all UDFs.
- 6. Choose the Save button.
 - 1 Note

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.

i Note

In the *Registered* field, the letter Y is displayed for UDFs which are registered for replication.

i Note

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.

Setting Up Replication of User Defined Tables (UDTs)

i Note

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.
 - i Note

User-defined tables of Object Type "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.

- 5. In the Retrieval section, choose the Import button. To view the data, choose the View button.
- 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.

i Note

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.
 - 1 Note
 - To select all fields, choose the Check All button.
 - To deselect all fields, choose the *Uncheck All* button.
- 10. Choose the Save button.
 - i Note

In the *Registered* field, the letter Y is displayed for fields which are registered for replication.

i Note

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.

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.
- 4. 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.
 - i Note

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.

- 5. 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.
- 6. 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.
- 7. Choose the Schedule button.
- 8. You can check the cockpit data scheduling configuration status under the Current Status.
 - i Note

To deactivate the cockpit scheduling, choose the *Cancel* button.

i Note

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.

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.

4. 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.

i Note

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.

- 5. 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.
- 6. 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.
- 7. Choose the Schedule button.
- 8. You can check the BP Balances scheduling configuration status under the Current Status.
 - 1 Note

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

Setting Up Replication Schedule for Allocation Accounts

- 1. In the top menu bar of the Administration Console, choose the *Preferences* option.
- 2. In the left frame, choose the Allocation Acct Scheduling.
- 3. In the Setup Allocation Accounts Scheduling section, in Run field, choose the (...) (Browse) button.
- 4. 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.
 - 1 Note

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.

- 5. 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.
- 6. 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.
- 7. Choose the Schedule button.
- 8. You can check the allocation accounts scheduling configuration status under the Current Status.
 - 1 Note

 $To \ deactivate \ the \ automatic \ allocation \ accounts \ scheduling \ feature, \ choose \ the \ {\it Cancel} \ button.$

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.
- 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.
- 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.



A 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.

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.

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.

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.
- 3. In the Run field, choose the (...) (Browse) button.

4. 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.

i Note

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.

- 5. In the At field, choose the (...) (Browse) button.
- 6. 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.
- 7. Choose the Activate button.
 - i Note

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.

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.
- 3. In the Download Language Resource Template field, choose the (...) (Browse) button.
- 4. In the selection window, in the *Choose Entry* field, select the language from the dropdown list and choose the *Select* button.
 - i 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.

5. 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.

- 6. To save the template, choose the Save button.
- 7. To validate and upload the template, in the Excel Templates area, choose the Import button.
- 8. 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.
 - Note

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.



Caution

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

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 B1if database size.

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.

1 Note

To delete the log, enter the appropriate filter criteria and choose the *Delete Log* button.

i Note

For all system triggered events, the audit log report displays "B1i Queue" in the *User* field.

14. Monitoring

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

- o Message log
- Notification log

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.

i Note

You can access the message log from the machine on which the Intercompany integration solution is installed using web browser as mentioned in the SAP Note 2137844 (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.

1 Note

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.

i Note

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.

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.
 - 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 *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.
 - i Note

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.

1 Note

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.

Introducing New Branch Companies 4.7



A Caution

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 Intercompany integration solution 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.



Note

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 Intercompany integration solution scenarios).

- 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. For more information, see *Intercompany integration solution* for SAP Business One User Guide.
- 8. Run the Intercompany consolidation setup wizard in the consolidation company configured in the Intercompany integration solution. For more information, see Intercompany integration solution for SAP Business One User Guide.

4.8 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 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 exits in each company)

i Note

You must ensure that there should not be any transactions in the template company.

- 2. Install the Intercompany integration solution 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.

1 Note

Master data will always be replicated to the template company based on data distribution template and company template assigned to Template Company.

i Note

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.

i Note

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.
 - i Note

There is no limitation in creation of Template Company. User can create as many companies as required.

4.9 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 company.
- Company using branch solution and want to integrate subsidiaries in different geographies using Intercompany Solution.

4.9.1 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.

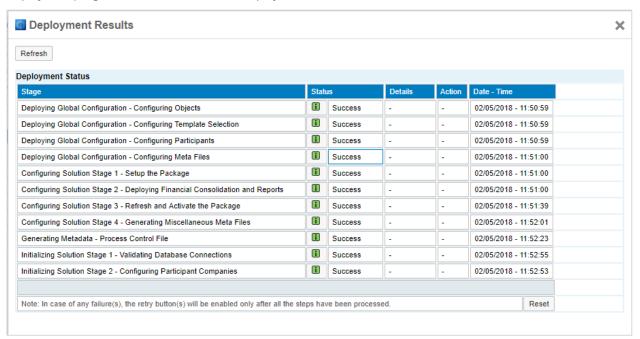
i Note

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 \rightarrow Landscape), choose the Deploy button. The Deployment Status table displays the progress and status of various deployment tasks



i Note

Whenever you perform any add or update in the *Branches –Setup* window, you must deploy the Intercompany integration solution again.

i Note

On deployment, Intercompany solution automatically assigns all active branches to the B1i user in all the branch enabled companies.



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.

4.9.2 Creating Intercompany Documents for Branches

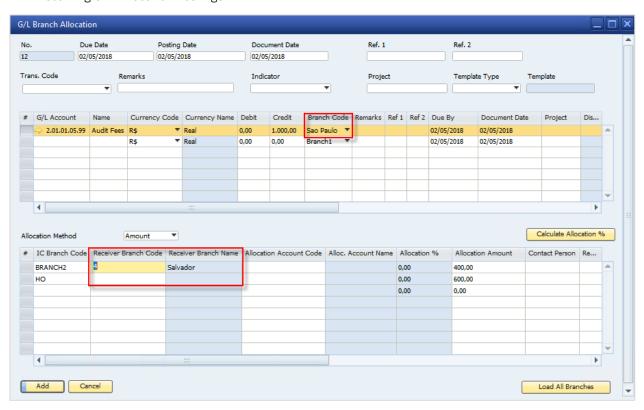
G/L Allocations

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



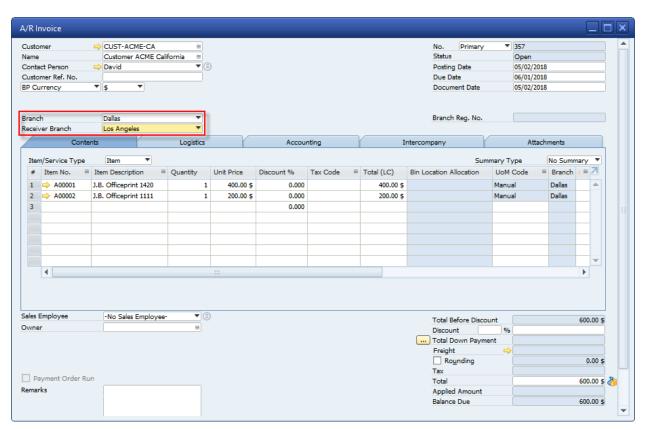
1 Note

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.

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.



i Note

The system uses the *Receiver Branch* specify in the sender document to create the draft document in the receiver company.

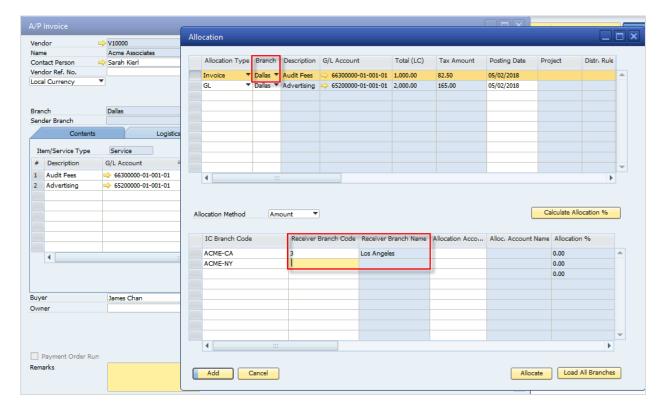
i Note

The system will not allow you to change the branch field value in the intercompany type draft receiver documents.

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.



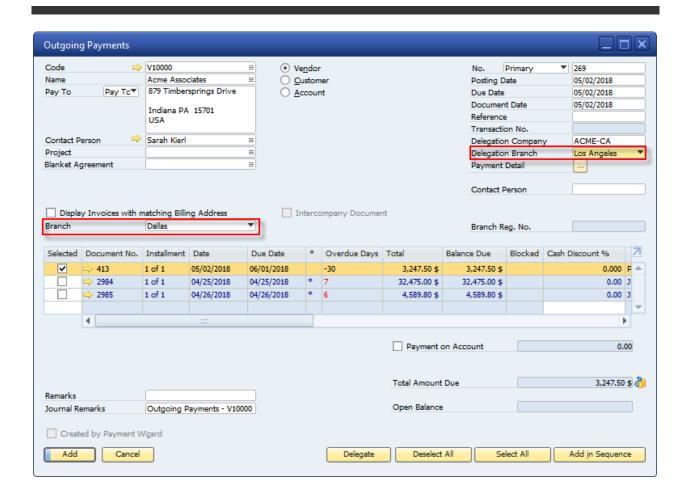
1 Note

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.

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.



1 Note

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

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.

1 Note

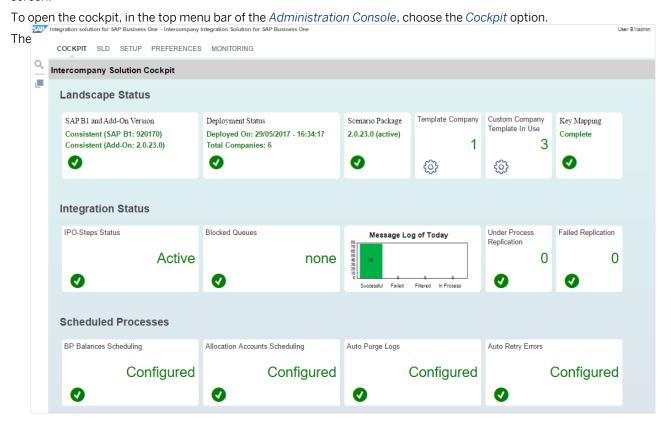
In Case of Multi-level consolidation, from the consolidation company, the values in the *Branch Code* (U_CTX_BRCID), *Branch Name* (U_CTX_BRCNM) fields of the journal entry goes in to the higher level of consolidation company in the *Branch Code* (U_CTX_BRCID), *Branch Name* (U_CTX_BRCNM) fields.

i Note

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.

4.10 Intercompany Solution Cockpit

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

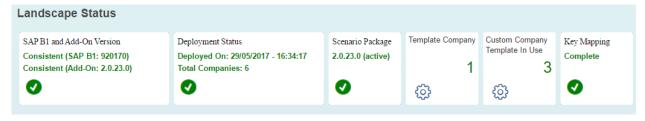


Intercompany solution cockpit has following sections:

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

Landscape Status

The following tiles are available in landscape section:



1. SAP B1 and Add-on Version: This tile displays SAP Business One version and intercompany solution add-on version. You can click on this tile to view the version details of SAP B1, 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 also 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.

Integration Status

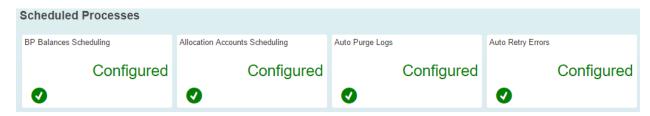
The following tiles are available in Integration status section:



- 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.

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.

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.

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.

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

5 Performing Database Maintenance

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

i Note

The landscape database is created on the instance of the SAP Business One server running the Intercompany integration solution scenarios.

5.1 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.

5.1.1 Setting up a Maintenance Plan for the Landscape Database on Microsoft SQL Server

Prerequisites

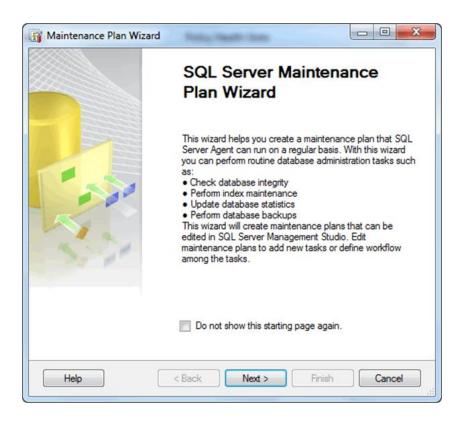
- Ensure that the SQL Server Agent service is running.
- You must be a member of the SYSADMIN fixed server role.

Procedure

- Open the SQL Server Management Studio by choosing Start → Programs → Microsoft SQL Server 2005 or Microsoft SQL Server 2008 or Microsoft SQL Server 2012 or Microsoft SQL Server 2014 or Microsoft SQL Server 20162014 or Microsoft SQL Server 2017 → SQL Management Studio.
- 2. Expand the Management folder.
- 3. Right-click the Maintenance Plans folder and select Maintenance Plan Wizard to launch the wizard.
 - i Note

Object Explorer only displays Maintenance Plans if the user is a member of the SYSADMIN fixed server role.

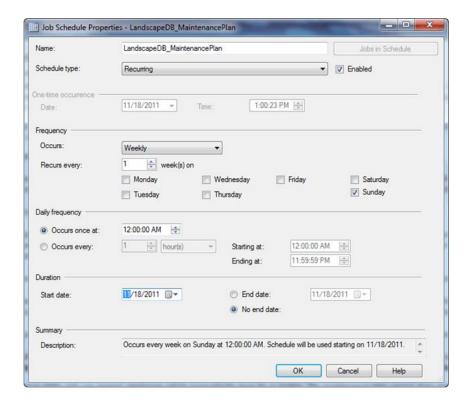
4. In the Maintenance Plan Wizard, choose the *Next* button.



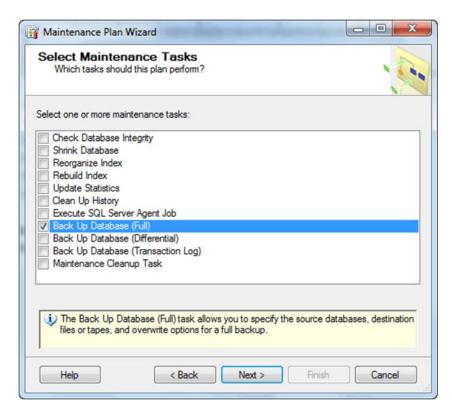
- 5. In the Select Plan Properties window, do the following:
 - 1. Enter a relevant name for your maintenance plan.
 - 2. Enter a description for your maintenance plan.
 - 3. Select a single schedule for the entire plan or no schedule.
 - 4. Choose the Change button to launch the Job Schedule Properties window.

In the Job Schedule Properties window, select the following options:

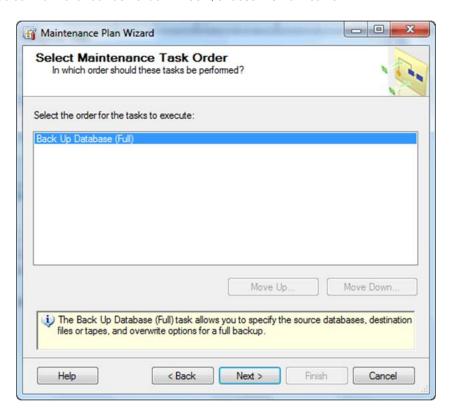
- 1. Select the Schedule type as Recurring. Select the Enabled checkbox.
- 2. Select the desired frequency and daily frequency with which you want the system to run the maintenance plan.
- 3. In the *Duration* section, the current date is prepopulated as the start date. Select the *No end date* radio button.
- 4. Choose the *OK* button.



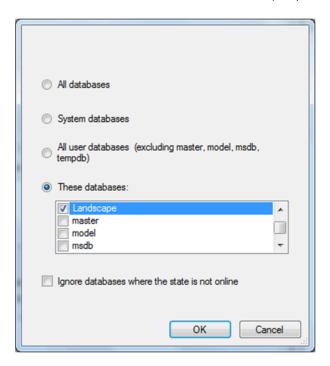
- 6. In the Select Plan Properties window, choose the Next button.
- 7. In the Select Maintenance Tasks window, select the Back Up Database (Full) checkbox and choose the Next button.



8. In the Select Maintenance Task Order window, choose the Next button.



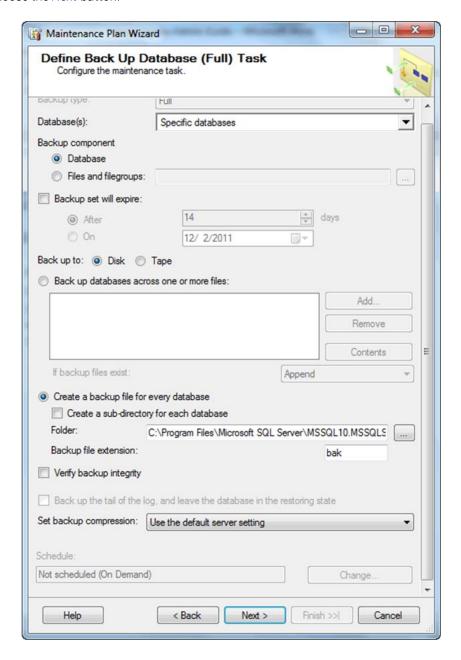
- 9. In the Define Back Up Database (FULL) Task window, do the following:
 - 1. From the database list, select the checkbox next to the *Landscape* option.



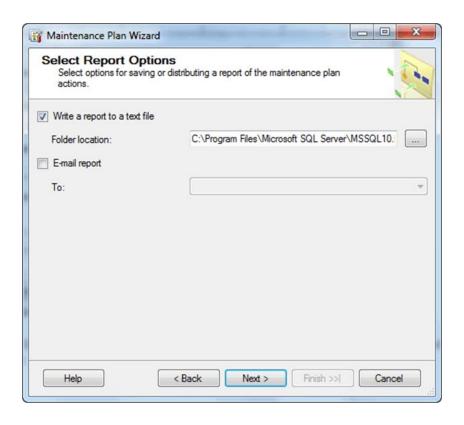
2. In the *Backup component* field, select the *Database* radio button.

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- 3. In the *Back up to* field, select the backup medium as either disk or tape. Set up the relevant parameters accordingly.
- 4. Choose the *Next* button.



10. In the Select Report Options window, select the desired reporting option and choose the Next button.



11. In the Complete the Wizard window, choose the Finish button.

The *Maintenance Plan Wizard Progress* window is displayed. After the maintenance plan has been set up successfully, choose the *Close* button.

5.1.2 Setting up a Maintenance Plan for the Landscape Database on SAP HANA database

To safeguard your data on the SAP HANA database, you must develop a backup policy. For more information, see the section *Backup Policy* in *SAP Business One Administrator's Guide* on SAP Help Portal.

5.2 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.

i Note

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



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

6 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,UDT,3,231,251,62,138,183,61,268,540000042,269,267,22,112,17,21,16,133,129,140000041,257,40,265, 131,130,-3@CTX_SOURCETAX,255,53,186,196,65,223,147,28,30,44,36,150,254,6, -3@CTX_SYNC,239,15,20,540000066,540000065,540000067,540000068,165,163,166,164,278, 10000199,10000197,-3@CTX_GLBDATADIS,201,1320000039, 2@CTX_ACCOUNTCLASS 66 50 51,374,140000007,150,356 53,135,10,8,40,43,37,46,13

-3@CTX_ACCOUNTCLASS,56,50,51,274,140000007,159,256,52,125,10,8,49,43,37,46,13, 18,19,14,2,190,176,170,66,4,63,1720000001,1320000032,205,252

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



SAP Business One EventSender Service must be restarted in order to make the changes effective in the system.

7 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.

7.1 Managing Security of the Intercompany Landscape

The Intercompany Integration Solution is powered by the SAP Business One integration framework (B1iF) which manages and controls the security aspects related to the Intercompany 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:

- 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

7.2 Managing Security of the Intercompany integration solution Add-On

To optimize the security of the Intercompany integration solution 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 \rightarrow Setup \rightarrow Intercompany \rightarrow Encryption Key.

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

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



A 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

For more information, see the SAP Business One Administrator's Guide on SAP Help Portal.

8 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.



The Troubleshooting Tool for Intercompany Solution is available from Intercompany Solution 2.0 PL11 onwards. The tool requires SAP Business One 9.0 PL17, SAP Business One 9.1 PL07, SAP Business One, version for HANA 9.1 PL07, or later versions.

o For more information on this topic, refer to SAP Note 2177037.

9 Deactivate sap.B1System package

sap.B1System package is used to create B1 company system entries in *Integration Framework* \rightarrow *SLD* \rightarrow *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 \rightarrow Scenarios \rightarrow Control \rightarrow Deselect checkbox for package sap.B1System).



o 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 SAP Note 2032666 for detailed instructions.

10 Appendix I

10.1 Master Data Replication

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

| Master Data |
|--------------------------------------|
| Freight |
| Currencies |
| Customer Group |
| Vendor Group |
| Item Group |
| Price Lists |
| Period and Volume Discount |
| Special Prices for Business Partners |
| Discount Groups |
| Exchange Rates |
| Length and Width UOM |
| Weight UOM |
| Account Classification |
| Payment terms |
| Cash Discount |
| Countries |
| States |
| County |
| Dimensions |
| Profit Center Setup |
| Distribution Rules Setup |
| Manual Distribution Rules Setup |
| Profit Center Type |
| Contract Templates |

| Master Data |
|------------------------------|
| Item Master Data |
| Business Partner Master Data |
| Bill of Materials |
| Customer Equipment Card |
| Service Contract |
| Manufacturers |
| Item Property |
| Projects |
| Unit of Measure Groups |
| Units of Measure |
| Package Types |
| Translation |
| Industry |
| E-Mail Group |
| Agent Code |
| Chapter Id |

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

| Master Data |
|------------------------------|
| Shipping Type |
| Credit Cards |
| Business Partner Priorities |
| Business Partner Properties |
| Bank Charges Allocation Code |
| Service Codes |
| Customs Group |
| Payment Blocks |
| Material Group |
| Address Format |
| NCM Code |

| Master Data |
|---------------------------|
| DNF Code |
| Service Group |
| Dunning Terms |
| Holiday Dates |
| Sales Person |
| Commission Groups |
| Language |
| Payment Methods |
| File Format |
| Document Type |
| Portfolio |
| Instruction |
| Indicators |
| Banks |
| House Bank Accounts |
| Fuel Group |
| Beverage Commercial Brand |
| Fuel Code |
| Beverage Group |
| Beverage Table |
| Beverage Combination |
| Name |
| Income Nature Setup |
| SPED Profile Setup |
| Occurrence Code |
| Movement Code |
| CNAE Code |
| Product Source Codes |

11 Appendix II

11.1 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.

11.1.1 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 |

| Property Name | Linked Object | Replicate | Mandatory |
|---|--------------------|-----------|-----------|
| BusinessPartners->U_CTX_REIC | | Yes | True |
| 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->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 |
| BusinessPartners->PaymentBlockDescription | | No | False |

| Property Name | Linked Object | Replicate | Mandatory |
|---|----------------------|-----------|-----------|
| 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 |
| BusinessPartners->Properties30 | BP Properties | No | False |

| Property Name | Linked Object | Replicate | Mandatory |
|--|---------------|-----------|-----------|
| 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 |
| BusinessPartners->ShippingType | Shipping Type | No | False |

| Property Name | Linked Object | Replicate | Mandatory |
|---------------------------------------|------------------|-----------|-----------|
| 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 |
| BPAddresses->AddressName | | Yes | False |
| BPAddresses->Street | | Yes | False |
| BPAddresses->Block | | Yes | False |
| BPAddresses->ZipCode | | Yes | False |
| BPAddresses->City | | Yes | False |
| 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 |
| 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 |

| Property Name | Linked Object | Replicate | Mandatory |
|--------------------------------------|------------------|-----------|-----------|
| 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 |
| 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->MandateID | | No | False |
| BPFiscalTaxID->BPCode | Business Partner | No | False |
| BPFiscalTaxID->TaxId0/P.A.N. No. | | No | False |

| Property Name | Linked Object | Replicate | Mandatory |
|--|------------------|-----------|-----------|
| 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 |
| BusinessPartners->PriceMode | | No | False |
| BusinessPartners->EffectivePrice | | Yes | False |
| BusinessPartners->U_B1SYS_FiscIdType* | | No | False |
| BusinessPartners->VATRegistrationNumber* | | No | False |
| BusinessPartners->BusinessType* | | No | False |
| BusinessPartners->RepresentativeName* | | No | False |
| BusinessPartners->AgentCode* | Agent | No | False |

i Note

Once the business partner is marked as global, the business partner *CardCode* cannot be updated.

1 Note

The linked business partner should also be global for global business partner.

i Note

The properties marked as (*) can only be enabled for replication in the general template.

11.1.2 Item Master Data

| Property Name | Linked Object | Replicate | Mandatory |
|-----------------|---------------|-----------|-----------|
| Items->ItemCode | | Yes | True |

| Property Name | Linked Object | Replicate | Mandatory |
|---|-----------------|-----------|-----------|
| 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 |
| 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 |

| Property Name | Linked Object | Replicate | Mandatory |
|----------------------------|----------------------|-----------|-----------|
| 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 |
| 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 |

| Property Name | Linked Object | Replicate | Mandatory |
|---------------------|-----------------|-----------|-----------|
| 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 |
| 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 |

| Property Name | Linked Object | Replicate | Mandatory |
|-----------------------------------|-----------------|-----------|-----------|
| 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 |
| tems->Properties51 | Item Properties | Yes | False |
| Items->Properties52 | Item Properties | Yes | False |
| tems->Properties53 | Item Properties | Yes | False |
| tems->Properties54 | Item Properties | Yes | False |
| tems->Properties55 | Item Properties | Yes | False |
| tems->Properties56 | Item Properties | Yes | False |
| tems->Properties57 | Item Properties | Yes | False |
| tems->Properties58 | Item Properties | Yes | False |
| tems->Properties59 | Item Properties | Yes | False |
| tems->Properties60 | Item Properties | Yes | False |
| tems->Properties61 | Item Properties | Yes | False |
| tems->Properties62 | Item Properties | Yes | False |
| tems->Properties63 | Item Properties | Yes | False |
| tems->Properties64 | Item Properties | Yes | False |
| tems->User_Text | | Yes | False |
| tems->InventoryUOM | | Yes | False |
| tems->GLMethod | | No | False |
| tems->CostAccountingMethod | | Yes | False |
| tems->OutgoingServiceCode | Service Code | No | False |
| tems->IncomingServiceCode | Service Code | No | False |
| tems->ServiceGroup | Service Code | No | False |
| tems->NCMCode/COT Code/Codigo MTX | NCM Code | No | False |
| tems->MaterialType | | No | False |
| tems->MaterialGroup | Material Group | No | False |
| tems->DNFEntry | DNF Code | No | False |
| tems->ltemType | | Yes | False |
| tems->FueIID | Fuel Code | No | False |
| tems->BeverageTableCode | Beverage Group | No | False |
| tems->BeverageGroupCode | Beverage Group | No | False |
| tems->BeverageCommercialBrandCode | Fuel Group | No | False |
| Items->ItemClass | <u> </u> | No | False |

| Property Name | Linked Object | Replicate | Mandatory |
|---|-------------------------------|-----------|-----------|
| 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 |
| 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 |
| 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 |

| Property Name | Linked Object | Replicate | Mandatory |
|------------------------------------|----------------------|-----------|-----------|
| ItemUnitOfMeasurement->Width1 | | Yes | False |
| 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 |

| Property Name | Linked Object | Replicate | Mandatory |
|---|----------------------|-----------|-----------|
| UoMPrices->PriceList | Price Lists | Yes | False |
| 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.

1 Note

The *Unit Price* property will only be updated for global price lists.

i Note

Only *Preferred Vendors* which are marked as global are replicated to branch companies.

i Note

To replicate UDF's on Item master data refer the section *Setting Up Replication of User Defined Fields* (*UDFs*) of this document

i Note

The *Purchase Tax Code* and *Sales Tax Code* properties linked to IEPS will only be available for replication in Mexico localization.

i Note

The properties marked as (*) can only be enabled for replication in the general template.

11.1.3 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 |
| 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.

1 Note

In SAP Business One 9.2 and above, Bill of Materials which is having only Item type rows are allowed to mark as *Global BOM*.

11.1.4 Contract Templates

| Property Name | Linked Object | Replicate | Mandatory |
|--|---------------|-----------|-----------|
| ContractTemplates->TemplateName | | Yes | True |
| ContractTemplates->TemplateIsDeleted | | Yes | True |
| ContractTemplates->TemplateIsRenewal | | Yes | True |
| ContractTemplates->RemindBeforeRenewal | | Yes | False |
| ContractTemplates->RemindUnit | | Yes | False |
| ContractTemplates->DurationOfCoverage | | Yes | False |
| ContractTemplates->ResolutionTime | | Yes | False |
| ContractTemplates->ResolutionUnit | | Yes | False |
| 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 |

| Property Name | Linked Object | Replicate | Mandatory |
|---------------------------------|---------------|-----------|-----------|
| ContractTemplates->ResponseUnit | | Yes | False |
| ContractTemplates->U_CTX_GUID | | Yes | True |
| ContractTemplates->U_CTX_B1i | | Yes | True |
| ContractTemplates->U_CTX_OTMPNM | | Yes | True |



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

11.1.5 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 |

| Property Name | Linked Object | Replicate | Mandatory |
|--|---------------|-----------|-----------|
| 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 |
| 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_B1i | | 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 |

11.1.6 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 |

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

11.1.7 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 |

11.1.8 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 |

11.1.9 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 |

11.1.10 Weight Unit of Measure

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

11.1.11 Payment Terms

| Property Name | Linked Object | Replicate | Mandatory |
|--|---------------|-----------|-----------|
| PaymentTermsTypes->PaymentTermsGroupName | | Yes | True |

| Property Name | Linked Object | Replicate | Mandatory |
|---|---------------|-----------|-----------|
| 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 |

11.1.12 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->LineId | | Yes | True |
| DiscountLines->NumOfDays | | Yes | True |
| DiscountLines->Discount | | Yes | True |
| DiscountLines->Day | | Yes | True |
| DiscountLines->Month | | Yes | True |

11.1.13 Item Group

| Property Name | Linked Object | Replicate | Mandatory |
|-----------------------------|---------------|-----------|-----------|
| ItemGroups->GroupName | | Yes | True |
| ItemGroups->InventorySystem | | Yes | True |

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

11.1.14 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 |
| PriceLists->DefaultAdditionalCurrency1 | Currency | Yes | True |
| PriceLists->DefaultAdditionalCurrency2 | Currency | Yes | True |
| PriceLists->RoundingRule | | Yes | False |
| PriceLists->FixedAmount | | Yes | False |
| PriceLists->U_CTX_DSCD | | Yes | True |

11.1.15 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 |

11.1.16 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 |
| 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 |

| Property Name | Linked Object | Replicate | Mandatory |
|--|----------------------|-----------|-----------|
| SpecialPricesQuantityAreas->UomEntry | Units of Measurement | Yes | True |
| SpecialPricesQuantityAreas->LogInstanc | | Yes | True |

11.1.17 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 |
| 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 |

| Property Name | Linked Object | Replicate | Mandatory |
|--|----------------------|-----------|-----------|
| 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 |

11.1.18 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 |
| 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 |

11.1.19 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 |

11.1.20 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 |
| 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 |

11.1.21 States

| Property Name | Linked Object | Replicate | Mandatory |
|----------------|---------------|-----------|-----------|
| State->Code | | Yes | True |
| State->Country | Country | Yes | True |
| State->Name | | Yes | True |

11.1.22 County

| Property Name | Linked Object | Replicate | Mandatory |
|------------------|---------------|-----------|-----------|
| County->Absld | | 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->lbgeCode | | Yes | True |
| County->GiaCode | | Yes | True |

11.1.23 Dimensions

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

11.1.24 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 |

11.1.25 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 |

11.1.26 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 |

11.1.27 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 |

11.1.28 Manufacturers

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

11.1.29 Item Property

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

11.1.30 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 |

11.1.31 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 |

| Property Name | Linked Object | Replicate | Mandatory |
|--|-----------------|-----------|-----------|
| 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 |

11.1.32 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 |

11.1.33 Shipping Type

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

i Note

This master is replicated by default only in the Brazil localization

11.1.34 Credit Cards

| Property Name | Linked Object | Replicate | Mandatory |
|-----------------------------|---------------|-----------|-----------|
| CreditCards->CreditCardName | | Yes | True |
| CreditCards->GLAccount | | Yes | True |
| CreditCards->Telephone | | Yes | False |
| CreditCards->CompanyID | | Yes | False |

i Note

This master is replicated by default only in the Brazil localization

11.1.35 Business Partner Priorities

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

i Note

11.1.36 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.

11.1.37 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.

11.1.38 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 |

1 Note

11.1.39 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 |

i Note

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

11.1.40 Payment Blocks

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

1 Note

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

11.1.41 Material Group

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

i Note

11.1.42 Address Format

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

i Note

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

11.1.43 NCM Code

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

i Note

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

11.1.44 DNF Code

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

i Note

11.1.45 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.

11.1.46 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 |
| DunningTermLines->LetterFormat | | Yes | True |
| DunningTermLines->Effectiveafter | | Yes | True |
| DunningTermLines->DunningTermLine | | Yes | False |
| DunningTermLines->LetterFeeCurrency | Currency | Yes | False |
| DunningTermLines->MininumBalance | | Yes | False |
| DunningTermLines->MininumBalanceCurrency | | Yes | False |
| DunningTermLines->CalculateInterest | | Yes | False |

i Note

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

11.1.47 Holiday Dates

| Property Name | Linked Object | Replicate | Mandatory |
|-----------------|---------------|-----------|-----------|
| Row->HldCode | | Yes | True |
| Row->WndFrm | | Yes | True |
| Row->WndTo | | Yes | True |
| Row->isCurYear | | Yes | True |
| Row->ignrWnd | | Yes | True |
| Row->WeekNoRule | | Yes | True |
| Row->HldCode | | 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.

11.1.48 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 |

1 Note

11.1.49 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.

11.1.50 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.

11.1.51 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 |
| WizardPaymentMethods->CurrencyRestriction | | Yes | False |
| WizardPaymentMethods->PostOfficeBank | | Yes | False |

| Property Name | Linked Object | Replicate | Mandatory |
|--|---------------|-----------|-----------|
| 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->OccurenceCode | Occurence | No | False |
| WizardPaymentMethods->MovementCode | Occurence | No | False |
| CurrencyRestrictions->CurrencyCode | Currency | Yes | False |
| CurrencyRestrictions->Choose | | Yes | False |



11.1.52 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 |

1 Note

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

11.1.53 Document Type

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

i Note

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

11.1.54 Portfolio

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

i Note

11.1.55 Instruction

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

1 Note

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

11.1.56 Factoring Indicators

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

1 Note

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

11.1.57 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 |

i Note

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

11.1.58 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.

11.1.59 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.

11.1.60 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.

11.1.61 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 |

1 Note

11.1.62 Beverage Combination

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

11.1.63 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.

11.1.64 Projects

| Property Name | Linked Object | Replicate | Mandatory |
|---------------|---------------|-----------|-----------|
| Project->Code | | Yes | True |
| Project->Name | | Yes | True |

11.1.65 Occurrence Code\Movement Code

| Property Name | Linked Object | Replicate | Mandatory |
|-----------------------|---------------|-----------|-----------|
| Occurence->AbsEntry | | Yes | True |
| Occurence->Code | | Yes | True |
| Occurence->Dscription | | Yes | True |
| Occurence->Note | | Yes | True |
| Occurence->ReqBoeSt | | Yes | True |
| Occurence->IsMovement | | Yes | True |

i _{Note}

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

11.1.66 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.

11.1.67 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.

11.1.68 Product Source Codes

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

i Note

This master is not replicated by default.

11.1.69 Email Group

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

i Note

This master is not replicated by default.

11.1.70 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 |

i Note

This master is not replicated by default.

11.1.71 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 |

i Note

This master is not replicated by default.

11.1.72 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 |

i Note

This master is not replicated by default.

12Appendix III

12.1 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 | ✓ | ✓ | |

12.2 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 | | | |

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| 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 | ✓ | ✓ | | |

13 Appendix IV

13.1 Remove Action Not Supported

In the following masters, the application does not support the replication of a removal action across branch companies:

| Price Lists Service Codes Address Format County Holiday Dates File Format Distribution Rules Setup Fuel Group Beverage Commercial Brand Fuel Code Beverage Group Beverage Table Beverage Combination Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code Industry | | | |
|--|---------------------------|--|--|
| Service Codes Address Format County Holiday Dates File Format Distribution Rules Setup Fuel Group Beverage Commercial Brand Fuel Code Beverage Group Beverage Table Beverage Combination Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | Master Data | | |
| Address Format County Holiday Dates File Format Distribution Rules Setup Fuel Group Beverage Commercial Brand Fuel Code Beverage Group Beverage Table Beverage Combination Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | Price Lists | | |
| County Holiday Dates File Format Distribution Rules Setup Fuel Group Beverage Commercial Brand Fuel Code Beverage Group Beverage Table Beverage Combination Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | Service Codes | | |
| Holiday Dates File Format Distribution Rules Setup Fuel Group Beverage Commercial Brand Fuel Code Beverage Group Beverage Table Beverage Combination Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | Address Format | | |
| File Format Distribution Rules Setup Fuel Group Beverage Commercial Brand Fuel Code Beverage Group Beverage Table Beverage Combination Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | County | | |
| Distribution Rules Setup Fuel Group Beverage Commercial Brand Fuel Code Beverage Group Beverage Table Beverage Combination Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | Holiday Dates | | |
| Fuel Group Beverage Commercial Brand Fuel Code Beverage Group Beverage Table Beverage Combination Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | File Format | | |
| Beverage Commercial Brand Fuel Code Beverage Group Beverage Table Beverage Combination Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | Distribution Rules Setup | | |
| Fuel Code Beverage Group Beverage Table Beverage Combination Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | Fuel Group | | |
| Beverage Group Beverage Table Beverage Combination Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | Beverage Commercial Brand | | |
| Beverage Table Beverage Combination Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | Fuel Code | | |
| Beverage Combination Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | Beverage Group | | |
| Income Nature Table Setup Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | Beverage Table | | |
| Income Nature Setup SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | Beverage Combination | | |
| SPED Profile Setup Occurrence Code Movement Code Discount Groups CNAE Code | Income Nature Table Setup | | |
| Occurrence Code Movement Code Discount Groups CNAE Code | Income Nature Setup | | |
| Movement Code Discount Groups CNAE Code | SPED Profile Setup | | |
| Discount Groups CNAE Code | Occurrence Code | | |
| CNAE Code | Movement Code | | |
| | Discount Groups | | |
| Industry | CNAE Code | | |
| | Industry | | |

14 Appendix V

14.1 Key Mapping Masters List

This section provides the list of all Key Mapping masters.

| Master Data | | |
|-------------------------|--|--|
| Address Format | | |
| Bank | | |
| Business Partner Group | | |
| Commission Group | | |
| Credit Card | | |
| Currency | | |
| Customs Groups | | |
| DNF Code | | |
| Document Type | | |
| File Format | | |
| Freight | | |
| House Bank Account | | |
| Instructions | | |
| Intrastat Configuration | | |
| Item Group | | |
| Languages | | |
| Length And Width UOM | | |
| Manufacturer | | |
| Material Group | | |
| NCM Code | | |
| Payment Blocks | | |
| Payment Terms | | |
| Portfolio | | |
| Price List | | |

| Master Data | | |
|----------------------------|--|--|
| Sales Person | | |
| Service Code | | |
| Service Group | | |
| Shipping Type | | |
| Weight UOM | | |
| Fuel Code | | |
| SPED Profile Setup | | |
| CNAE Code | | |
| Units of Measurement | | |
| Unit of Measurement Groups | | |
| Discount Groups | | |
| Package Types | | |
| Industry | | |
| Occurrence | | |
| Chapter ID | | |



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