

Installation

The Intercompany Integration Solution for SAP Business One
Version 2.0 for SAP Business One 9.1



Welcome to the course on the installation process of the Intercompany Integration solution.

Topic Objective



At the end of this topic, you will be able to:

- Follow the process of Installing the intercompany integration solution.

- You need to follow the Admin guide to complete the process.
- Intercompany Integration Solution 2.0 runs on SAP Business One 9.1, including version for SAP HANA.

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- At the end of this topic, you will be able to follow the process of installing the intercompany integration solution.
- Note that the steps in this course describe the high level of the installation process.
- The details are provided in the admin guide.
- Use the Shift + Esc keyboard combination to open the Intercompany Integration Solution On-Line Help for the relevant screen.
- Also note that Intercompany Integration Solution 2.0 runs on SAP Business One 9.1, including version for SAP HANA.

Intercompany Integration Solution: Business Scenario



- OEC Computers has three branches in the US: Texas, California and the head office in New York.
- All branches run SAP Business One.
- They decided to implement the Intercompany Integration solution to consolidate their business information.
- You have been asked to plan the installation landscape and complete the initial settings for the companies.



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- OEC Computers has three branches in the US: Texas, California and the head office in New York.
- All branches run SAP Business One.
- They decided to implement the Intercompany Integration solution to consolidate their business information.
- You have been asked to plan the installation landscape and complete the initial settings for the companies.

The Installation Process

Installation Checklist

- Make sure you follow the **prerequisites** detailed in the **Admin guide** before you start the installation process.

- Prerequisites include:

- SAP Business One 9.1.
- SAP Business One SDK Data Interface API (DIAPI)
- The integration component for SAP Business One.
- Microsoft SQL Server Native Client.
- Microsoft .NET Framework 4.0.
- Administrator rights on the computer on which you are performing the installation.



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- Before you start the installation process, make sure you follow the prerequisites detailed in the Admin guide.
- Here are some of the prerequisites required before you start the installation process:
 - SAP Business One 9.1 is installed.
 - SAP Business One SDK Data Interface API (DIAPI) and the integration component for SAP Business One are installed.
 - Microsoft SQL Server Native Client is installed.
 - The system should have Microsoft .NET Framework 4.0 installed.
 - And you have administrator rights on the computer on which you are performing the installation of the intercompany integration solution components.

Installation Checklist

Continue

- SAP Business One license file includes the SAP-INTERCOMPANY license component
- Assign the SAP-INTERCOMPANY license component to all named users of SAP Business One.



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- Ensure that your SAP Business One license file includes the SAP-INTERCOMPANY license component.
- Then, assign the SAP-INTERCOMPANY license component to all named users of SAP Business One.
- Note that 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.

The Installation Process

The installation process contains two components:

- The Intercompany Integration Solution add-on installation (version 2.0)
- The Intercompany Scenario installation:
 - The Scenario Package
 - The Administration Console



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- The installation process contains two components:
- The first component is the **Intercompany Integration Solution add-on** installation
 - You install the intercompany integration solution add-on **version 2.0** for all branches and consolidation companies.
- The second component will be the **Intercompany Scenario** installation. The scenario installer performs the following:
 - It uploads the intercompany integration solution **scenario package** to the integration framework for SAP Business One.
 - And it installs the Intercompany **Administration Console**.
 - The Intercompany Administration Console web application is the central module for setting up the intercompany integration solution and monitoring the inter-branch message flow.

The Installation Process

Intercompany Solution Add-on

- **Register** the intercompany add-on to the SAP Business One server from a client.
- **Install** the Intercompany add-on in **all branch and consolidation companies**.
- The installation will apply to each company database which will participate in the intercompany transaction.

**SAP
Business
One server**



**Company
Databases**

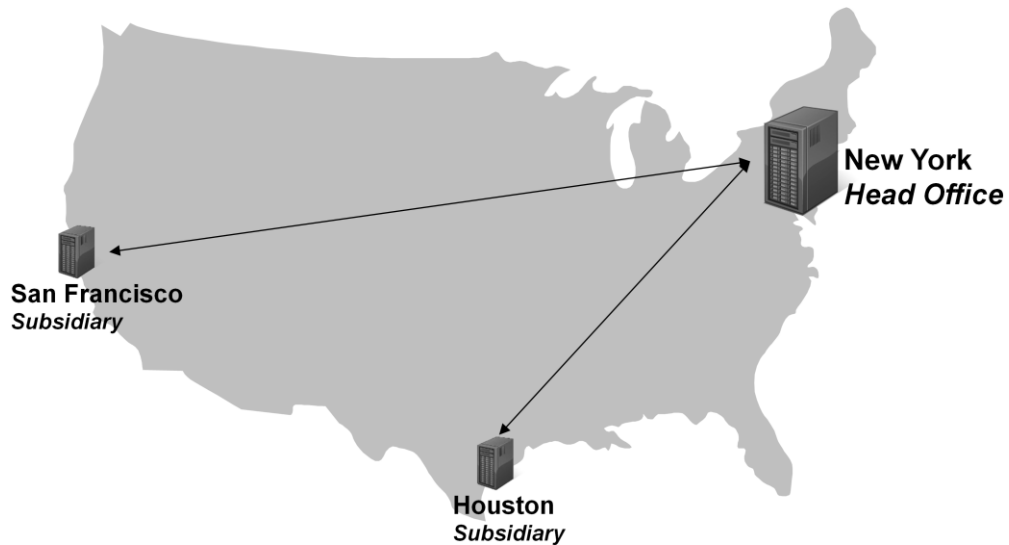


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- The **first** installation is the **Intercompany Solution Add-on**.
- To begin installation of the Intercompany integration solution, you should register the add-on on the SAP Business One server from a client.
- On completion of the registration, the add-on installation package will be uploaded to the SAP Business One server. You need to register the add-on only once.
- Then, you need to install the Intercompany add-on in all branch and consolidation companies.
- The installation will apply to each company database which will participate in the intercompany transaction.

Multi-Instance Support

Multi-Instance Deployment



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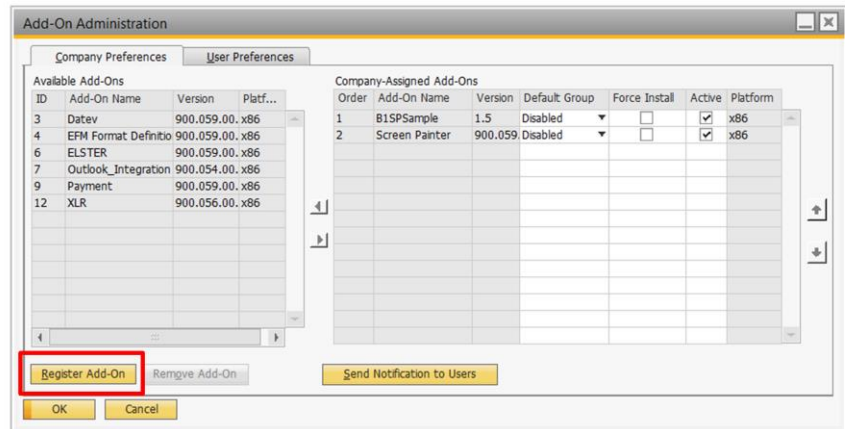
- Intercompany solution is capable of connecting SAP Business One databases running on one or multiple instances of SAP Business One server.
- It is possible to have all databases on a single SAP Business One server, or across multiple SAP Business One servers.

The Installation Process

Intercompany Solution Add-on

- **Register** the intercompany add-on to the SAP Business One server from a client.

(In SAP Business One) Add-on Administration → Register Add-on → Assign the add-on to a company



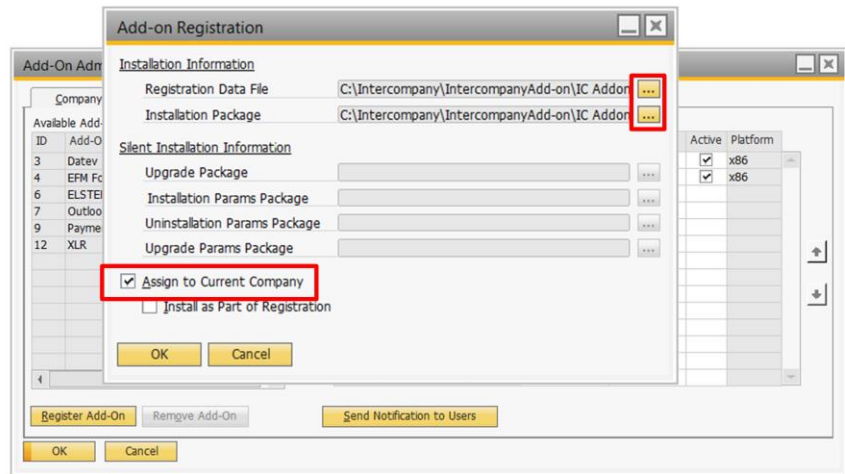
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- For the installation process, run SAP Business One as administrator.
- Note that in order to register an add-on, you must have SAP Business One super user authorization.
- In SAP Business One main menu, choose *Administration → Add-Ons → Add-On Administration*.
- Then, choose *Register Add-On*.

The Installation Process

Intercompany Solution Add-on

- **Register** the intercompany add-on to the SAP Business One server from a client.



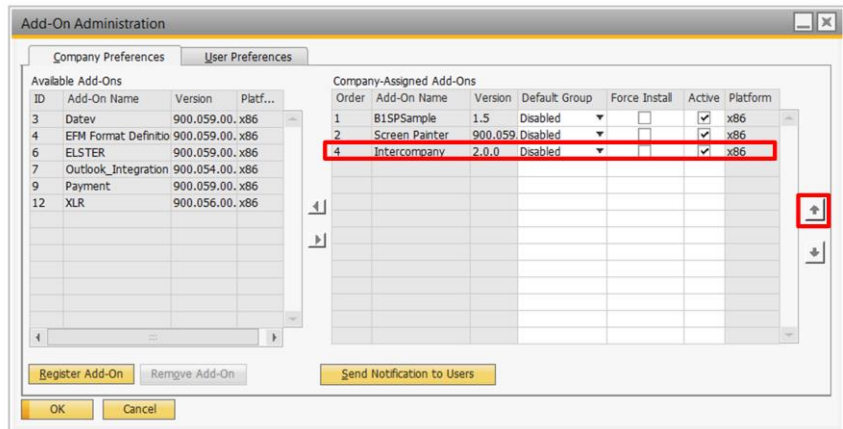
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- In the Add-on Registration window, select the add-on registration data file by choosing the *Browse* button.
- Then, select the add-on installation package .
- To assign the add-on to the current company, select the *Assign to Current Company* checkbox. This option is selected by default.
- Finally, choose *OK* to start the registration process.

The Installation Process

Intercompany Solution Add-on

- **Register** the intercompany add-on to the SAP Business One server from a client.



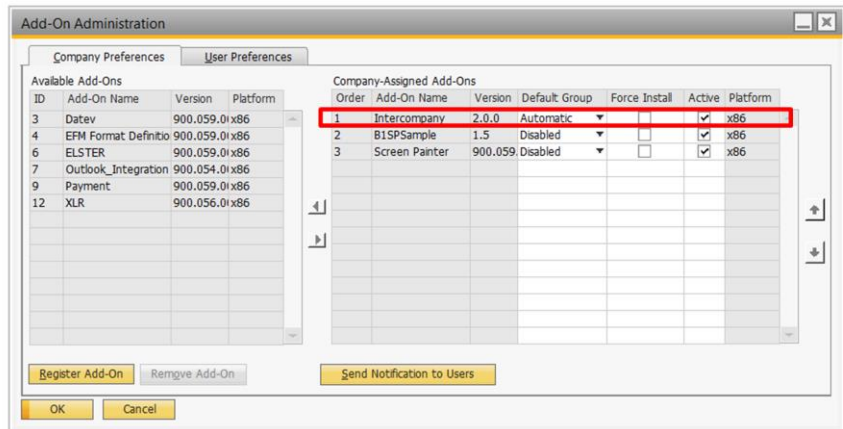
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- In the *Add-On Administration* window, the name of the add-on appears in the list of *Company-Assigned Add-Ons*.
- Use the arrow to move the order of the Intercompany add-on up to the top of the list of the *Company-Assigned Add-Ons*.

The Installation Process

Intercompany Solution Add-on

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



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- To use the add-on, restart the SAP Business One application on the client.
- We recommend that the add-on is started automatically for all users to allow intercompany transactions and synchronization. For example, to allow replication of data between database branches.
- Therefore, you should set the *Default Group* to *Automatic* for all users.
- We will discuss the *Force Install* option later on.

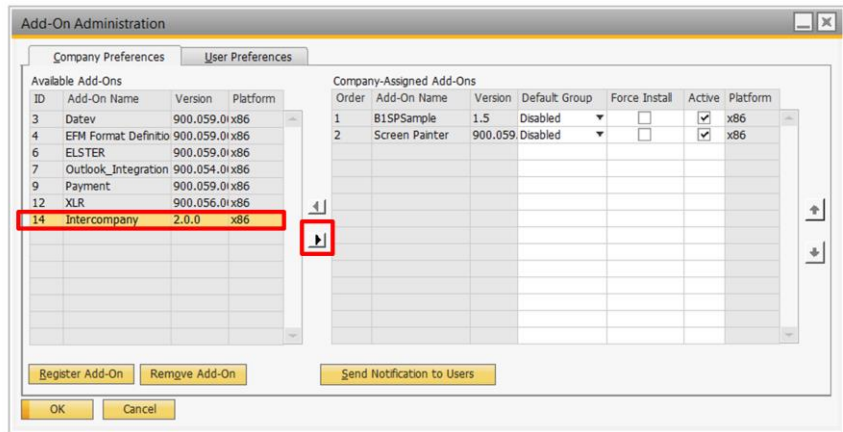
The Installation Process

Intercompany Solution Add-on

- Install the Intercompany add-on in **all branch and consolidation companies**.

- The installation will apply to each company database which will participate in the intercompany transaction.

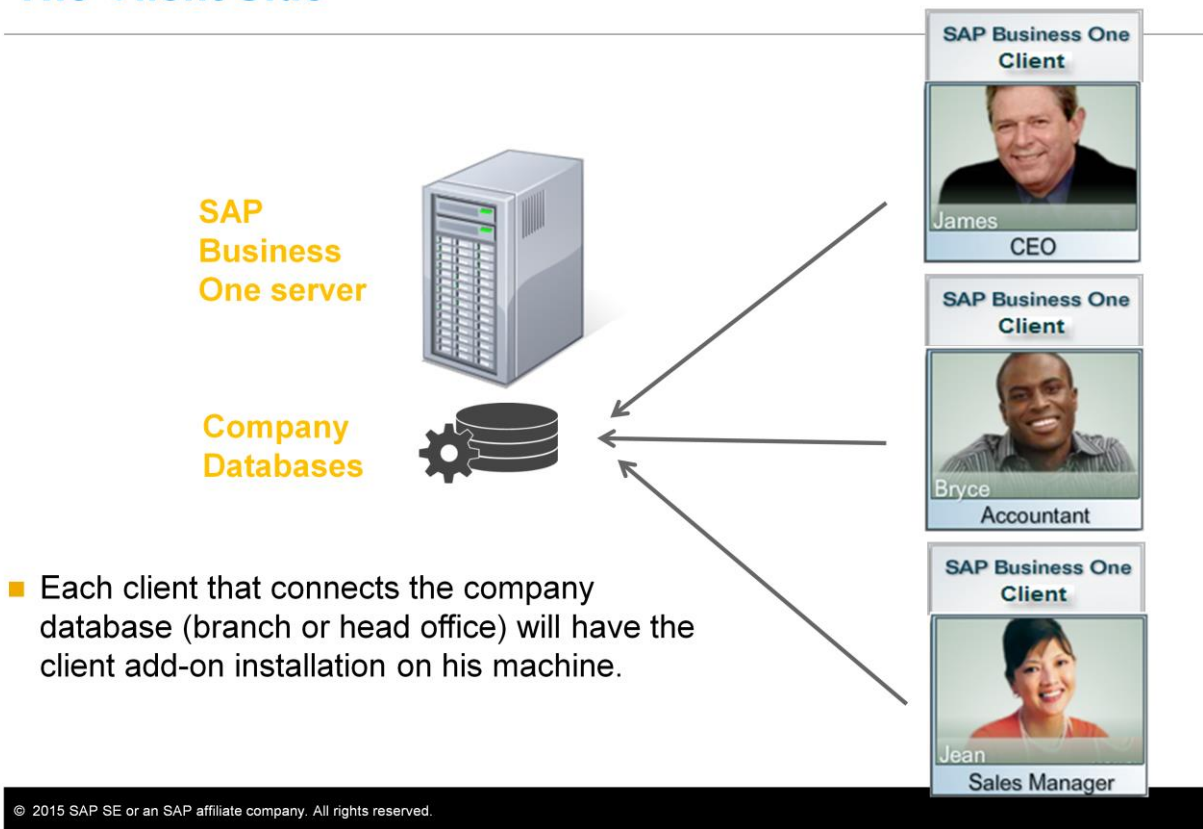
(In other companies in the server)
Add-on Administration



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- When you register an add-on, the add-on is assigned by default to the company used for registration.
- At the completion of the registration process, the add-on installation package will be uploaded to the SAP Business One server.
- The add-on is now available for all company databases on this server.
- To assign the add-on to **other companies**, use the Add-On Administration window.
- To use the add-on, assign it to the database (by selecting the Add-on from the list and choosing the arrow).
- Then restart the SAP Business One application on the client. This will start the installation process in the company database.
- 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 will be displayed informing you that SAP Business One will close after add-on installation.
- Make sure you install the add-on on all companies including: branches, head office and consolidation.
- Also, ensure that the relevant posting periods are already defined in all companies.

Intercompany Solution Add-on The Client Side

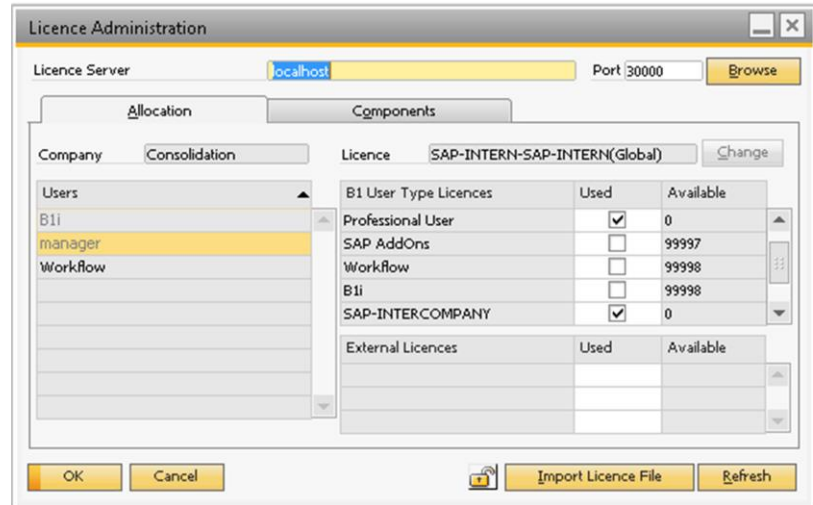


- Do you remember the *Force Install* box in the *Add-On Administration* window?
- If this box is checked, the add-on installation will launch automatically when the client opens SAP Business One.
- When the client connects to the company database with the assigned add-on, the server automatically downloads the installer to the client.
- In the client folder of SAP Business One under AddOns → SAP → the folder 'Intercompany' is created.
- Note that when the add-on installer appears, you must complete the installer wizard procedure within the allotted installation time (refer to the SAP Business One status bar), or the system will automatically interrupt the procedure. Then you must restart the client again in order to install the add-on.
- If the add-on is already installed, the application does not reinstall it.

Intercompany Solution Add-on

Licensing

- All users require the SAP-Intercompany license type to access the Intercompany integration solution.



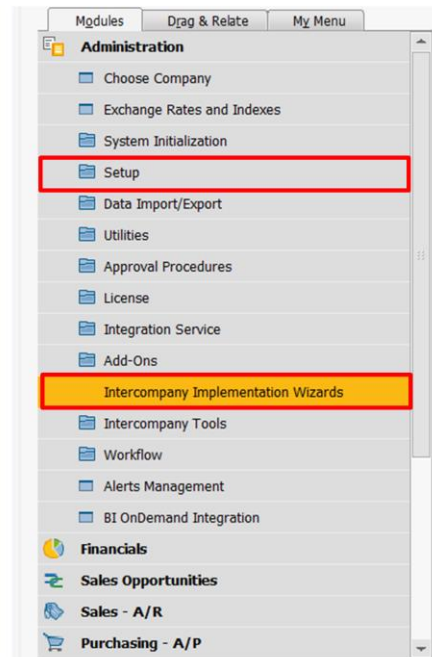
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Note that all users require the SAP-Intercompany license type to access the Intercompany integration solution.

Intercompany Solution Add-on

Menus and Windows

- After the installation, new menus, sub-menus and folders are created in the companies in SAP Business One.
- The Intercompany Add-on extends the SAP Business One functionality to perform Intercompany transactions.



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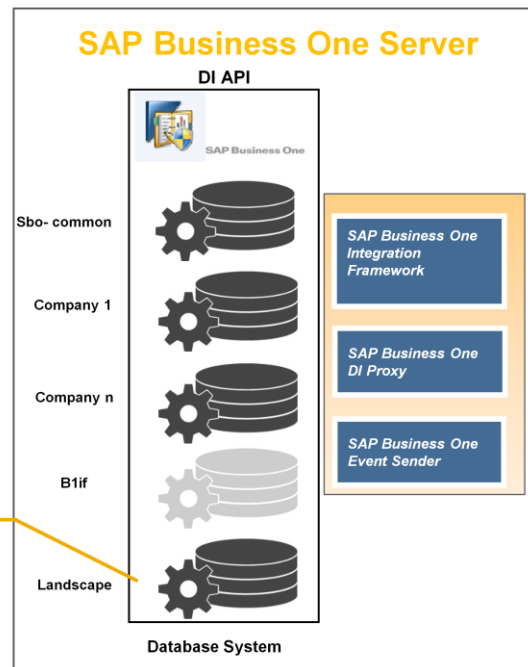
- After the installation process is completed, new menus, sub-menus and folders are created in the companies in SAP Business One.
- The Intercompany Add-on extends the SAP Business One functionality to perform Intercompany transactions.

Intercompany Scenario Installation

The Intercompany Scenario installs:

- **The Intercompany Administration Console** – the central interface for configuring and managing the intercompany landscape.
- **The landscape database**
- **Intercompany Scenario Package.**

Landscape Database



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- To install the Intercompany Solution you need to **also** run the **Intercompany Scenario** installer.
- The Intercompany Scenario installs the following components:
 - The first component is the **Intercompany Administration Console** web application - this is the central module for setting up the intercompany integration solution and monitoring the inter-branch message flow.
 - The second component is an SQL database – the installation adds the **Landscape database** which holds all the landscape settings, including database mapping, permissions and password configuration.
 - The landscape database is created on the instance of the SAP Business One server running the intercompany integration solution **scenarios**.
 - The third component is the **Intercompany Scenario Package** which is uploaded to the SAP Business One Integration Framework for SAP Business One.
 - Make sure you develop a backup strategy for the Landscape database.
 - We recommend backing up your Landscape database with the same frequency as your company databases.
 - We also recommend a Full Backup of the Landscape database.
 - For more details about the backup strategy refer to the Admin guide.

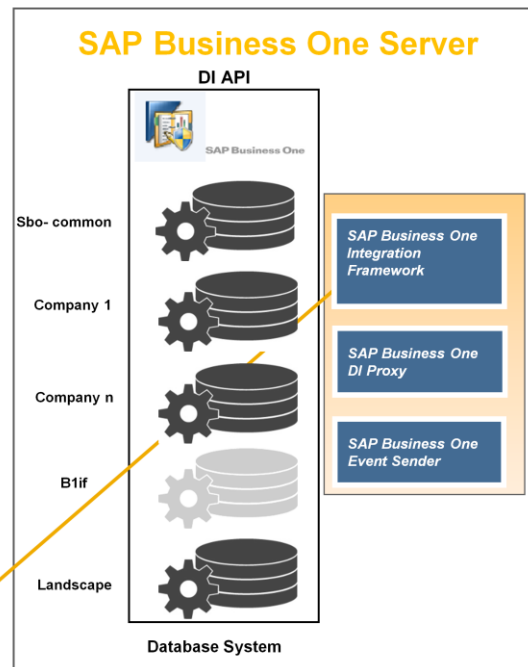
Intercompany Scenario Installation

The Intercompany Scenario installs:

- The Intercompany Administration Console.
- The landscape database

- **Intercompany Scenario Package** – uploads the scenarios to the SAP Business One Integration Component.

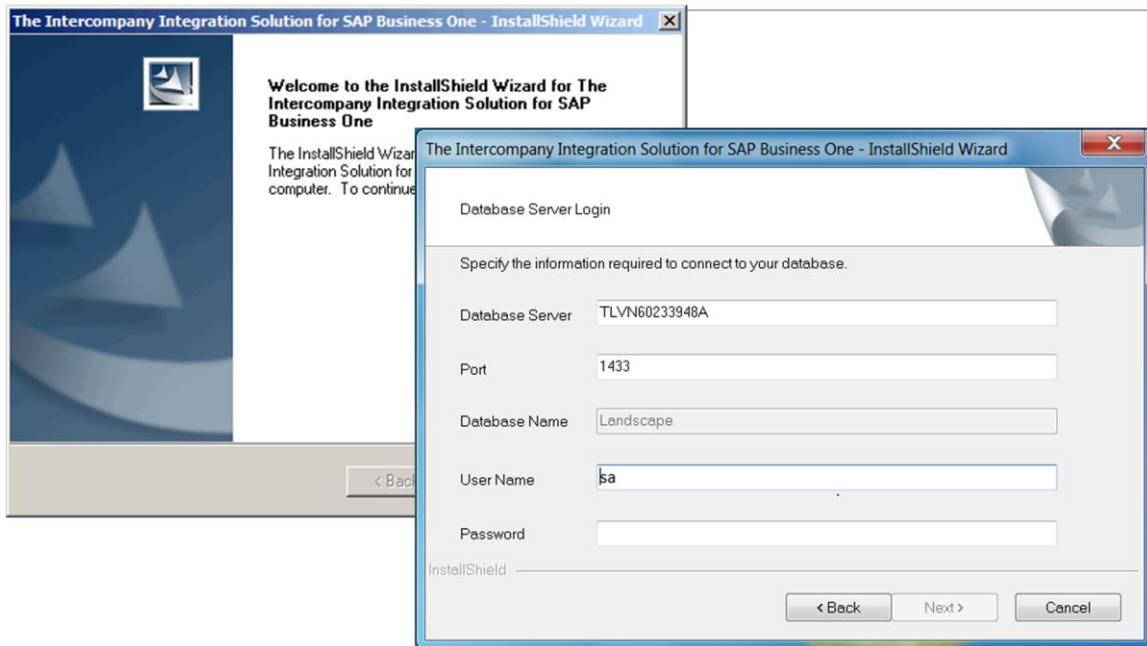
*SAP Business One
Integration Framework*
*Intercompany
Scenario Package*



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- The Intercompany Scenario installation also uploads the scenarios to the SAP Business One **Integration** Component.
- This is the B1if package which runs the intercompany replication using B1i.
- Note that 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.
- We recommend that you use the integration component for SAP Business One running on the instance of the head office company on the SAP Business One server.

Intercompany Scenario Installation

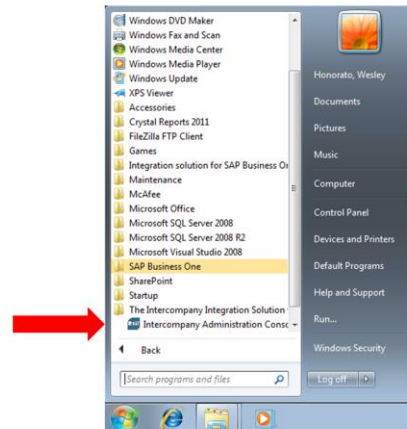
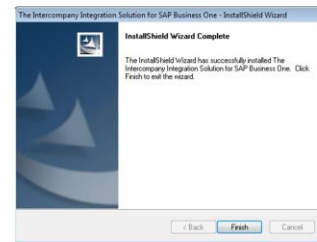


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- To install the intercompany integration solution scenarios, open the **Installation** Folder and double-click the **Setup.exe** file.
- The InstallShield Wizard opens.
- Follow the wizard to complete the installation.
- For more details on the intercompany scenario installation, refer to the Admin guide.
- Note that on the Database Server Login step you should enter the SQL server user name and password.

Intercompany Scenario Installation

- The installation process will take a few minutes
- Once the installation is done, you will find a new option in your Windows Menu path: Start -> All Programs -> The Intercompany Integration Solution.



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- The installation process will take a few minutes
- In some cases, a restart of the computer is required
- Once the installation is done, you will find a new option in your Windows Menu path: **Start → All Programs → The Intercompany Integration Solution.**
- In the Initial Configuration topic you will learn how to configure the **Intercompany Administration Console.**