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# Configuration Best Practices for Wise Package Studio

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➤ *Professional Edition only.*

Installing Wise Package Studio - Standard Edition is relatively simple; it can be installed in one basic configuration only and typically is installed by a single user on their local computer.

When you install Wise Package Studio - Professional Edition in a multi-user environment, you have several options for configuring the installation. This section describes the configurations that are supported. Review these configurations before you install Wise Package Studio.

One important change from previous versions is that the share point directory must reside on the same computer as the Wise Package Studio application files. Versions of Wise Package Studio earlier than 6.0 did not enforce this. If you are upgrading to 6.0 or later, and your share point directory is not on the same computer as Wise Package Studio, see [Upgrading an Unsupported Wise Package Studio Configuration](#) on page 7.

Topics include:

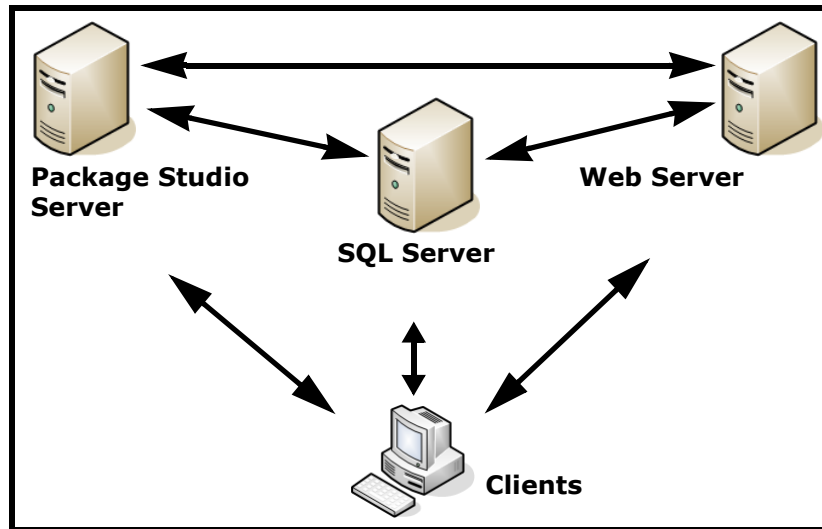
- [Dedicated Servers Configuration.](#)
- [Dedicated SQL Server Configuration.](#)
- [Single Server Configuration.](#)
- [Additional Wise Package Studio Configurations.](#)
- [Upgrading an Unsupported Wise Package Studio Configuration.](#)

# Dedicated Servers Configuration

➤ *Professional Edition only.*

Recommended environment:

- Medium to large packaging teams in multiple locations.
  - Large number of users connecting at one time.
  - Teams using Preflight Deployment (requires the Quality Assurance module).
- Locate the Web Server as close as possible to the end user desktops on which preflight packages will be run.



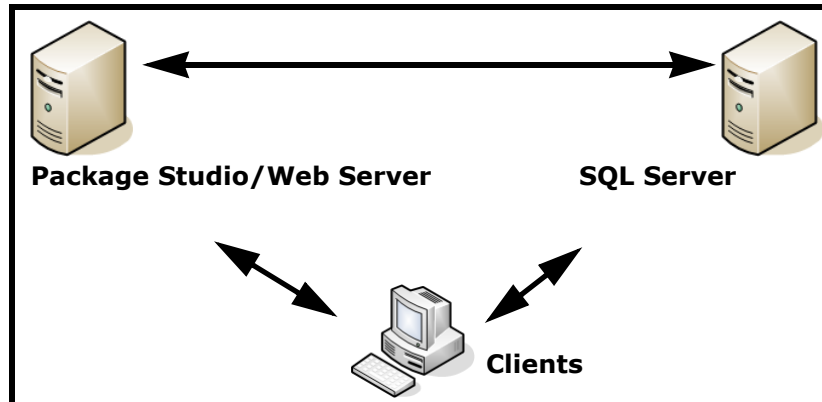
Computer	What to Install
Dedicated Wise Package Studio Server	<ul style="list-style-type: none"> <li>• Wise Package Studio server</li> <li>• Share point directory</li> </ul>
Dedicated SQL Server	<ul style="list-style-type: none"> <li>• SQL Server</li> <li>• Wise Package Studio databases</li> </ul>
Dedicated Web Server	<ul style="list-style-type: none"> <li>• IIS</li> <li>• ASP</li> <li>• ASP.NET</li> <li>• ISAPI extensions</li> <li>• Wise Web applications</li> </ul>
Clients	Wise Package Studio client

# Dedicated SQL Server Configuration

➤ *Professional Edition only.*

Recommended environment:

- Medium to large packaging teams in a single location.
  - Teams not using Preflight Deployment.
- Locate the Web server as close as possible to the clients.



Computer	What to Install
Wise Package Studio/ Web Server	<ul style="list-style-type: none"> <li>• Wise Package Studio server</li> <li>• Share point directory</li> <li>• IIS</li> <li>• ASP</li> <li>• ASP.NET</li> <li>• ISAPI extensions</li> <li>• Wise Web applications</li> </ul>
Dedicated SQL Server	<ul style="list-style-type: none"> <li>• SQL Server</li> <li>• Wise Package Studio databases</li> </ul>
Clients	Wise Package Studio client

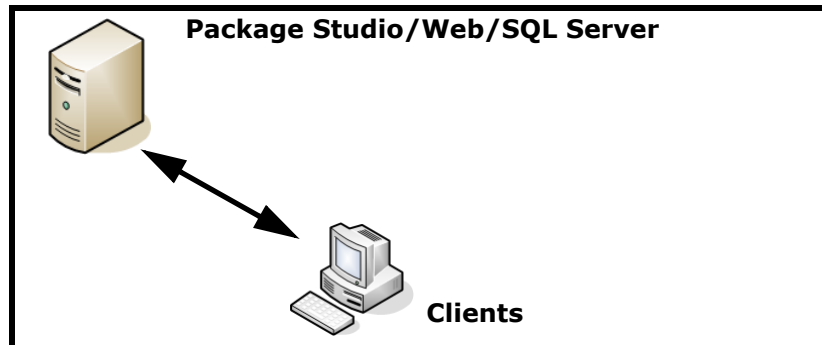
# Single Server Configuration

➤ *Professional Edition only.*

## Small Team

Recommended environment:

- Single, small team (1 to 5 packagers).
- Managing 500 or fewer applications.
- Team not using Preflight Deployment.



Computer	What to Install
Dedicated Server	<ul style="list-style-type: none"> <li>• Wise Package Studio server</li> <li>• Share point directory</li> <li>• SQL Server (for client support) or MSDE (local computer use, non-client support)</li> <li>• Wise Package Studio databases</li> <li>• IIS</li> <li>• ASP</li> <li>• ASP.NET</li> <li>• ISAPI extensions</li> <li>• Wise Web applications</li> </ul>
Clients	Wise Package Studio client

## Single User

Recommended environment: Single user with no expected growth. This configuration is not scalable.



<b>Computer</b>	<b>What to Install</b>
Dedicated Server	<ul style="list-style-type: none"> <li>• Wise Package Studio server</li> <li>• Share point directory</li> <li>• SQL Server (for client support) or MSDE (local computer, non-client support)</li> <li>• Wise Package Studio databases</li> <li>• IIS</li> <li>• ASP</li> <li>• ASP.NET</li> <li>• ISAPI extensions</li> <li>• Wise Web applications</li> </ul>
Clients	no clients

## Additional Wise Package Studio Configurations

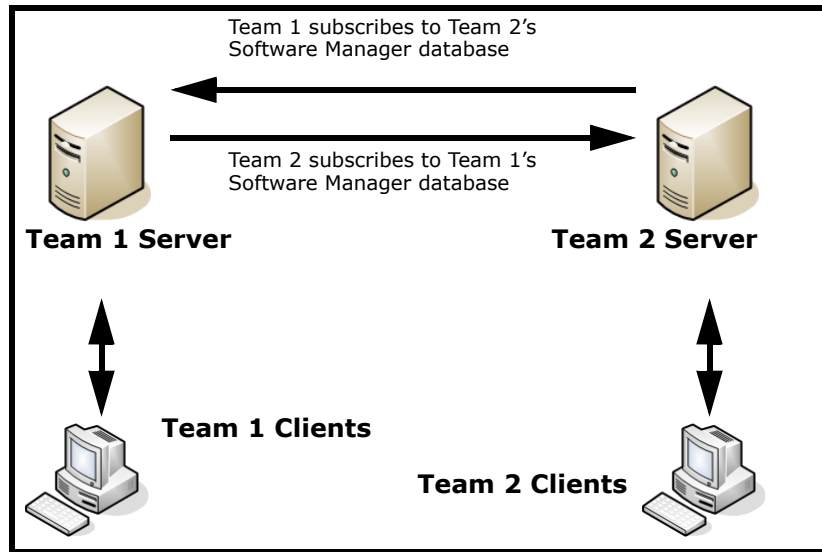
➤ *Professional Edition only.*

After you have determined which of the supported Wise Package Studio configurations is best for your environment, decide whether you need to support multiple Wise Software Repositories or databases.

### Multiple Wise Software Repositories

In a large enterprise with multiple teams, each team might use a different share point directory and Wise Software Repository. Because a Wise Package Studio server can be associated with only one active repository at a time, each team must install their repository on a different server.

With Enterprise Management Server, members of one team can subscribe to packages in a Software Manager database that is managed by another team. In the example below, each team has subscribed to packages in the other team's Software Manager database.

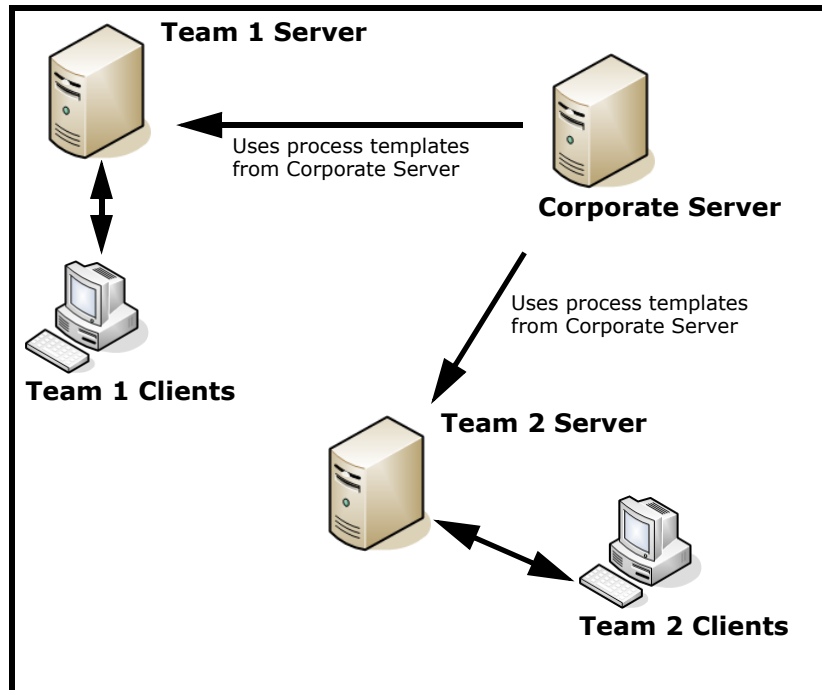


**Note**

For ease of illustration, the single server configuration is shown. This concept also works with the other recommended Wise Package Studio configurations.

**Additional Workbench Database**

With Enterprise Management Server, you can maintain an additional, external Workbench database containing customized processes. Users creating new projects can connect to an external database and use its process templates. This lets you maintain process templates in a single database that can be distributed across departments or regions.



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**Note**

For ease of illustration, the single server configuration is shown. This concept also works with the other recommended Wise Package Studio configurations.

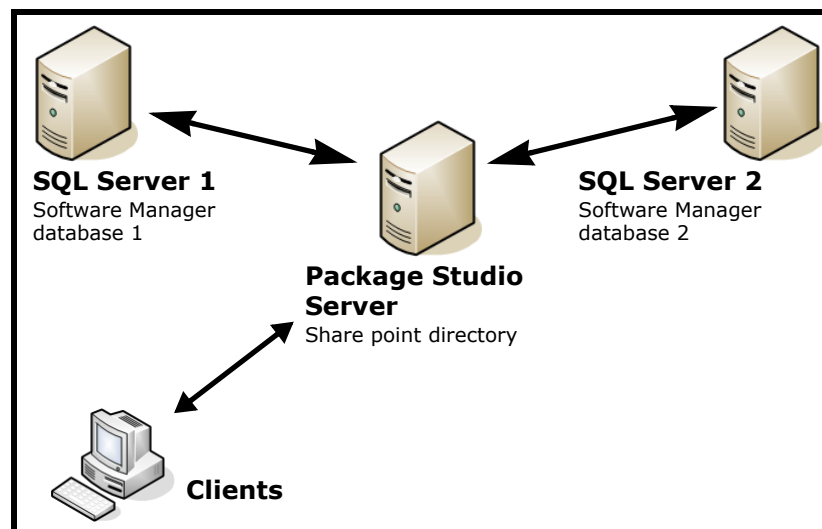
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**Multiple Software Manager Databases**

You might want to use multiple Software Manager databases in these instances:

- If you import a large number of applications for a large organization, you can use multiple databases to reduce the database size.
- If you are repackaging for multiple operating systems, you can use a separate database for each target operating system.
- If your organization has multiple, decentralized departments, each using a different set of packages, you can use a separate database for each department. This concept is similar to using package groups, but on a larger scale.

Each database should reside on its own server. Running multiple databases on a single server degrades performance. In addition, you cannot run the Wise scheduled tasks, which import packages and refresh package subscriptions on a server-based installation, on more than one database on a single computer.



## Upgrading an Unsupported Wise Package Studio Configuration

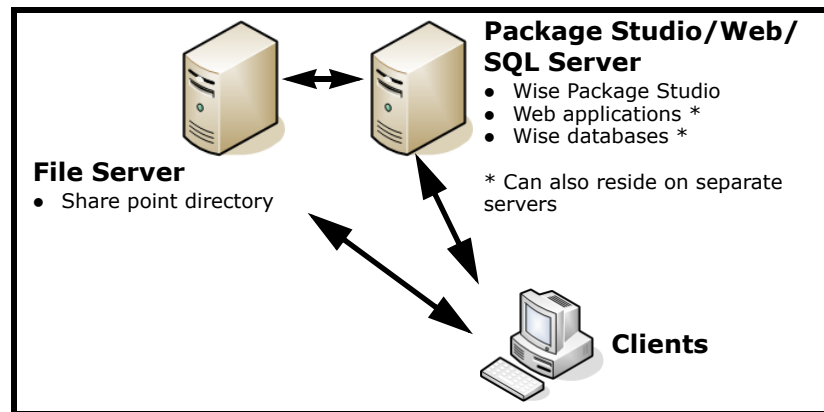
➤ *Professional Edition only.*

Although it was not recommended, previous versions of Wise Package Studio allowed the share point directory and the Wise Package Studio installation to be on different servers. With the release of Wise Package Studio 6.0, this configuration is not supported because the Wise Task Manager, a server-side service, requires the share point directory and the Wise Package Studio installation to be on the same server.

If you currently have this configuration, you cannot simply move the share point directory. Instead:

1. Install Wise Package Studio server on the computer that contains the share point directory. The server installation does not use up a license unless someone actually uses Wise Package Studio on that computer.
2. On each client computer, access the Workbench Preferences dialog > Repository tab and verify that the share point directory on the new Wise Package Studio server is specified.

### Before



### After

Wise Package Studio server is on the computer that contains the share point directory. The Wise Package Studio clients use the share point directory on the new Wise Package Studio server.

