



Tekla Structures

FlexNet Licensing Quick Guide



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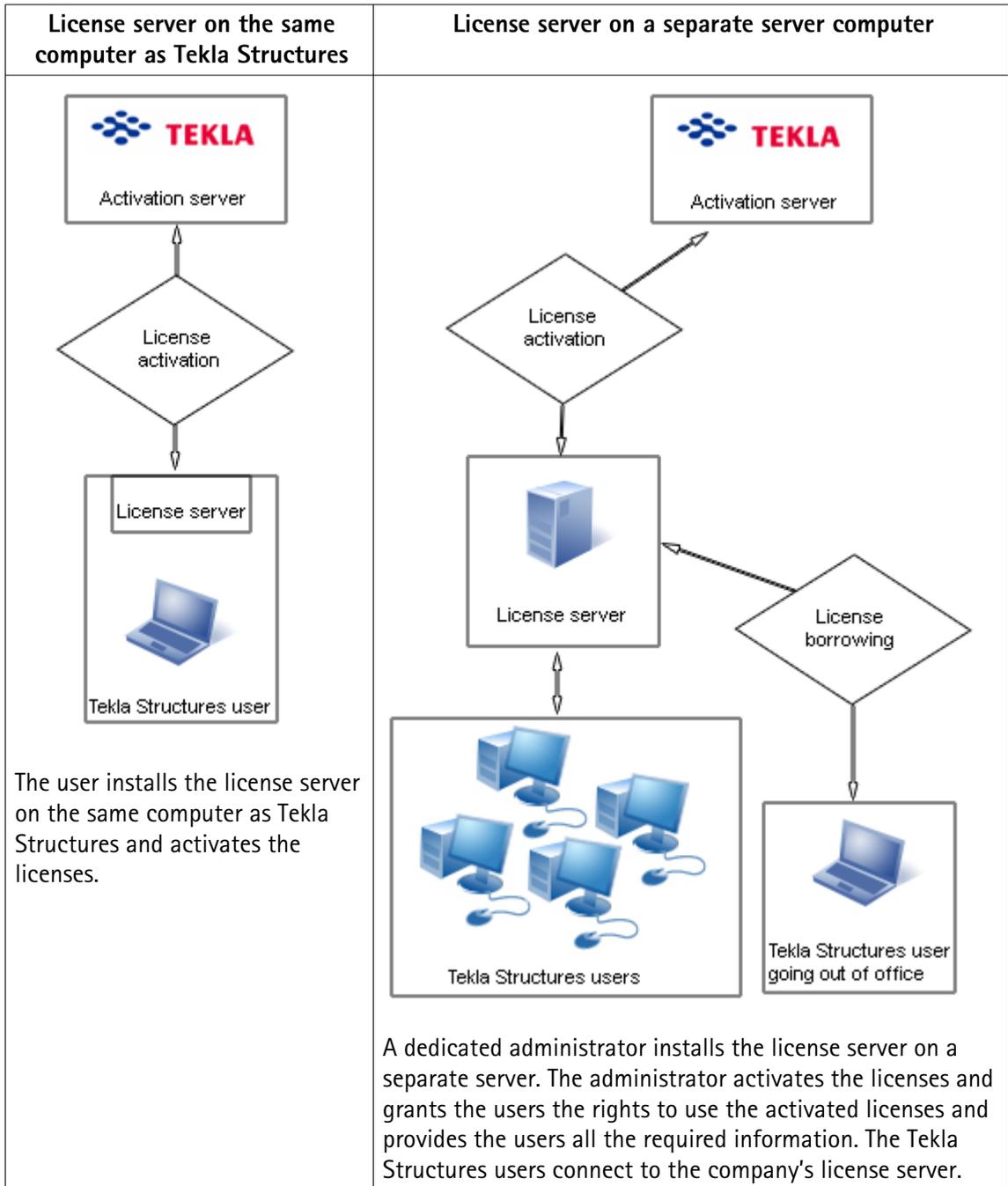
1 FlexNet licensing system

Tekla Structures uses an activation-based licensing system called FlexNet. FlexNet is a product by Flexera Software.

In an activation-based licensing system you need to:

1. Install and set up a license server either on a Tekla Structures computer or on a separate server computer
2. Activate your licenses
3. Point each computer with Tekla Structures to the license server (if the license server is on a separate server computer)

Example



See also [Taking the license server in use on page 5](#)

2 Taking the license server in use

To take your license server in use, follow the workflow below:

1. [Installing the license server on page 5](#)
2. [Saving your entitlement certificate on page 5](#)
3. [Activating licenses on page 6](#)
4. [Connecting Tekla Structures to the license server on page 7](#)

You do not need to connect Tekla Structures to the license server manually if the license server is on the same computer as Tekla Structures.

2.1 Installing the license server

Install the license server. This is phase 1 in the workflow [Taking the license server in use on page 5](#).

If you are using other licensing services, you need to stop them before you install the Tekla Structures license server. When you have completed installing the Tekla Structures license server, you can restart the other licensing services.

To install the license server:

1. Go to [Tekla Downloads](#) and run the latest license server installation.
2. For standard setup, select the options **Automatic** and **Complete**.

Use the **Manual** installation if you are an advanced user of FlexNet or FlexIm licensing.

See also [Manually installing Tekla Structures licensing service](#)

2.2 Saving your entitlement certificate

Save your entitlement certificate. This is phase 2 in the workflow [Taking the license server in use on page 5](#).

As a preliminary action for transferring license rights from Tekla to your license server, you need to save the entitlement certificate.

To save the entitlement certificate:

1. Open your e-mail application.



If you use a web-based e-mail service, open the e-mail service in Internet Explorer to save the entitlement certificate. Other web browsers may convert the `EntitlementCertificate.html` file into an unusable format.

2. Open the e-mail containing the entitlement certificate.
3. Save the attached `EntitlementCertificate.html` file preferably in the `.. \TeklaStructures\License\Server` folder.

The entitlement certificate states the configurations, quantities and activation IDs of your Tekla Structures licenses. The entitlement certificates are not computer-specific. This means that you can activate licenses from several entitlements on one license server and you can activate licenses from one entitlement (containing several licenses) on several license servers.

2.3 Activating licenses

Activate your licenses. This is phase 3 in the workflow [Taking the license server in use on page 5](#).

Activate the licenses on the license server to use Tekla Structures. When you activate the licenses, the license rights are transferred from the activation server at Tekla to the license server. Use **Tekla Structures License Administration Tool** for activating licenses.

To activate your licenses:

1. Click **Start** --> **All Programs** --> **Tekla Structures Licensing** --> **Tekla Structures License Administration Tool**.
2. When you open **Tekla Structures License Administration Tool** for the first time, you can enable the automatic notification functionality.

Do not use the automatic notification functionality if you are using some other FlexNet license and license server administration tool, such as FlexNet Manager.

3. If you did not save the entitlement certificate in the `.. \TeklaStructures \License\Server` folder, you need to open the entitlement certificate manually. To do so, click **Open...**, select `EntitlementCertificate.html`, and click **Open**.

4. Select the number of licenses to activate.
5. Click **Activate**.

Your license server contacts the activation server at Tekla.

The activated licenses are displayed under the **Activated Licenses** area.

If you installed Tekla Structures and the license server on the same computer, the system automatically uses the license server on the computer when you start Tekla Structures.

If you installed Tekla Structures and the license server on separate computers, you need to connect Tekla Structures to the license server when you start Tekla Structures for the first time.

2.4 Connecting Tekla Structures to the license server

Connect Tekla Structures to the license server. This is phase 4 in the workflow [Taking the license server in use on page 5](#).

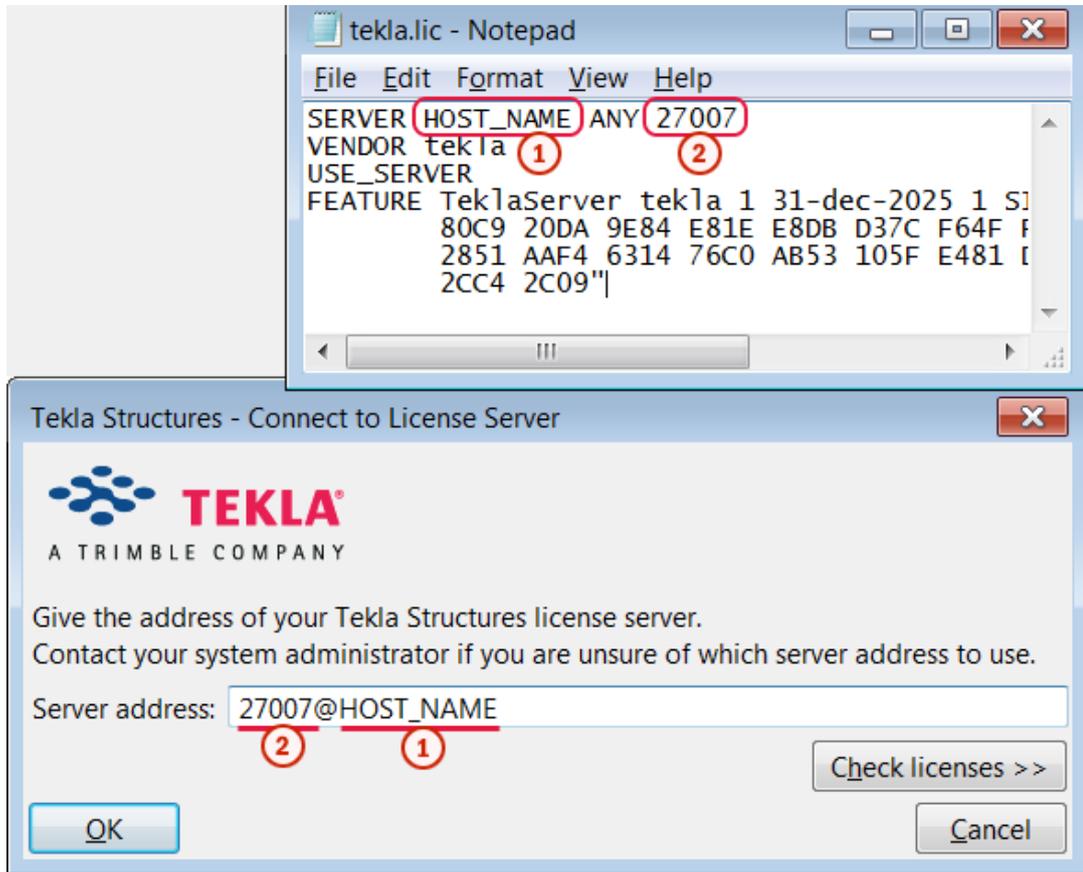
If Tekla Structures and the license server are installed on separate computers, you need to connect Tekla Structures to the license server when you start Tekla Structures for the first time.

- To connect Tekla Structures to the license server, enter the `port@host` information in the **Connect to License Server** dialog box.

The host name and port must correspond with the host name and port found in the `tekla.lic` file on the server computer located at `..\TeklaStructures\License`

\Server. The license server administrator informs users about the license server name and port number.

Example



① host

② port

If there is more than one license server available with activated licenses, you can define a primary and a secondary server in the **Connect to License Server** dialog box as follows:

27007@HOST_NAME_1;27008@HOST_NAME_2

3 When to deactivate licenses

Deactivate your licenses in the following cases.

License management

- Before activating the next temporary or permanent license in the license chain
- Before changing the license server

Making changes on your computer

- Before rehosting the license server from one computer to another
- Before reinstalling Windows on the server computer
- Before reformatting the server computer
- Before doing any maintenance on the server system, such as changing hardware or the IP address of the computer

See also [Deactivating licenses on page 9](#)

3.1 Deactivating licenses

To deactivate your licenses:

1. Close Tekla Structures.
2. Click **Start --> All Programs --> Tekla Structures Licensing --> Tekla Structures License Administration Tool** .
3. Go to the **Statistics** tab.
4. Ensure that nobody is using the licenses you want to deactivate.
5. Go to the **Licenses** tab.
6. Select the licenses you want to deactivate.

You need to deactivate all the licenses that are displayed in the same row under the **Activated Licenses** area.

7. Click **Deactivate**.

After deactivating the licenses you can activate them on the same or on a different server.

4 Borrowing licenses

You can borrow an activated license from the license server when you work offline and no license server is installed on your computer. The borrowed license is transferred from the license server to your computer, so it is not available for other users during the borrowing period.

To borrow licenses, follow the workflow below:

1. [Exporting a product ID file on page 11](#)
2. [Starting Tekla Structures License Borrow Tool on page 12](#)
3. [Opening a product ID file on page 12](#)
4. [Borrowing a license on page 13](#)
5. [Returning a borrowed license on page 13](#)

See also [Starting Tekla Structures License Borrow Tool on page 12](#)
[Borrowing a license on page 13](#)

4.1 Exporting a product ID file

Export a product ID file. This is phase 1 of the workflow [Borrowing licenses on page 11](#).

To display only the activated licenses in **Tekla Structures License Borrow Tool**, the license server administrator exports a product ID file in the **Tekla Structures License Administration Tool**.

To export a product ID file:

1. Start **Tekla Structures License Administration Tool**.
2. Click **Export**.
3. Enter a name for the product ID file and select a folder where you want to save the file.
4. Click **Save**.

5. Send the product ID file to the Tekla Structures users who need to borrow licenses and inform the users how to use the file.



Product ID files are not updated automatically. If you deactivate licenses or activate new licenses for borrowing, you need to export a new product ID file and send it to Tekla Structures users.

See also [Opening a product ID file on page 12](#)

4.2 Starting Tekla Structures License Borrow Tool

Start **Tekla Structures License Borrow Tool**. This is phase 2 of the workflow [Borrowing licenses on page 11](#).

You can download and install the latest **Tekla Structures License Borrow Tool** on **Tekla Extranet --> Product --> Licensing**. The installer is also available on the Tekla Structures installation DVD.

To start **Tekla Structures License Borrow Tool**:

1. Click **Start --> All Programs --> Tekla Structures License Borrow --> Tekla Structures License Borrow Tool**.

The **Borrow from License Server** dialog box opens.

2. Enter the host name of the license server in the **Server** text box. You can also enter the port number with the host name.

You need to use exactly the same port and host name as in the **Connect to License Server** dialog box when starting Tekla Structures.

3. Click **OK**.

See also [Connecting Tekla Structures to the license server on page 7](#)

4.3 Opening a product ID file

Open a product ID file. This is phase 3 of the workflow [Borrowing licenses on page 11](#).

When **Tekla Structures License Borrow Tool** starts, the default product ID file (`standard.tpi`) opens automatically. The file contains all the Tekla Structures configurations and their product IDs. If your license server administrator has exported a product ID file that matches with the activated licenses on your server, open the exported product ID file.

To open a product ID file:

1. Click **Open...** in **Tekla Structures License Borrow Tool**.
2. Select the product ID file.
3. Click **Open**.

The list of licenses is updated in **Tekla Structures License Borrow Tool**.

See also [Exporting a product ID file on page 11](#)

4.4 Borrowing a license

Borrow a license from the license server. This is phase 4 of the workflow [Borrowing licenses on page 11](#).

To borrow a license from the license server:

1. Click the **Borrow Until** box and select the expiration date of the borrowing from the calendar.

The maximum borrowing period is one month.

2. Click **Borrow**.

After successful borrowing the **Borrowed Licenses** area displays the borrowed license.



Disconnect your computer from the license server and start Tekla Structures with the borrowed license to ensure that the borrowing succeeded.

See also [Returning a borrowed license on page 13](#)

4.5 Returning a borrowed license

Return the borrowed license when you do not need to use it anymore. This is phase 5 of the workflow [Borrowing licenses on page 11](#).

A borrowed license is automatically available on the license server one day after the expiration date. However, you need to return the expired license to the license server to update the **Borrowed Licenses** area in **Tekla Structures License Borrow Tool**. You can return a borrowed license any time during the borrowing period.

To return a borrowed license:

1. Connect your computer to the network where you can connect to the license server.
2. Close Tekla Structures.
3. Start **Tekla Structures License Borrow Tool**.

4. Select the **Return** check box in the **Borrowed Licenses** area to select the license to return.
5. Click **Return**.

After successful returning the **Borrowed Licenses** area is updated.

See also [Borrowing a license on page 13](#)

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