

Tekla Structures 2016

Licence borrowing

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1 Borrowing Tekla Structures licenses for offline use

When you want to work offline, you can borrow an activated license from the Tekla Structures license server. The borrowed license is transferred from the license server to your computer, so it is not available for other users during the borrowing. Also a product ID file is needed for borrowing licenses. You do not need to borrow a license for offline use if you have installed a license server on your laptop.

You can borrow Tekla Structures licenses for offline Tekla Structures use in **Tekla Structures License Borrow Tool**:

- The version of **Tekla Structures License Borrow Tool** should be the same as the version of Tekla Structures license server.
- The maximum license borrow duration is one month. You define the borrow expiration date when you borrow the license.
- The borrowed license is reserved for you until the borrowing period expires, or until you return the license, depending on which comes first.
- You need a network connection to the license server while you are borrowing or returning a license. You can also borrow licenses through a VPN connection. After borrowing, you can turn off the network or VPN connection and work with the borrowed license.
- When you want to stop borrowing a license, return it to the license server.

Product ID file

A product ID (.tpi) file is needed for borrowing licenses. The product ID file contains all the information needed in license borrowing.

When you install **Tekla Structures License Borrow Tool**, the `standard.tpi` file is automatically installed in the `..\TeklaStructures\License\Borrow` folder. This default product ID file lists all Tekla Structures configurations and their product IDs. However, you can only borrow the licenses that are activated for you on the license server. If you want that **Tekla Structures License Borrow Tool** only displays the activated licenses, ask your license server

administrator for a customized product ID file and open it in **Tekla Structures License Borrow Tool** when you start license borrowing.

How does the license borrowing work

License borrowing works in the following way:

1. The administrator installs and sets up a Tekla Structures license server on a separate server computer, and activates the licenses for borrowing.
2. The user installs the **Tekla Structures License Borrow Tool**, connects the computer with Tekla Structures to the Tekla Structures license server, and opens the product ID file to see the licenses that are available for borrowing.

For more information about setting up license borrowing, see [Set up Tekla Structures License Borrow Tool for Tekla Structures offline use \(page 6\)](#).

3. The user borrows licenses from the license server.

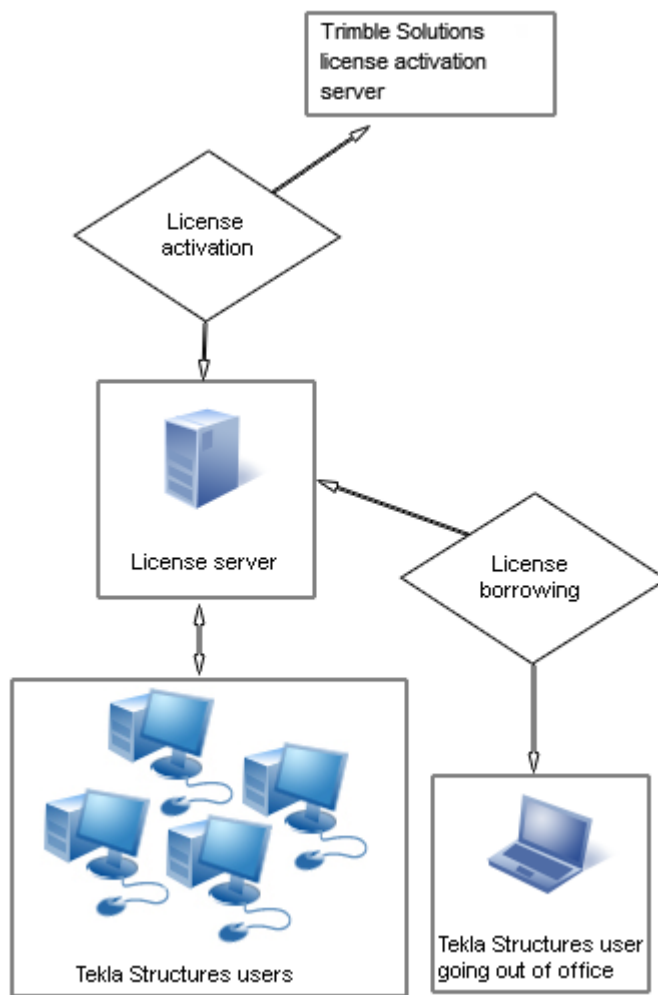
For more information about borrowing licenses, see [Borrow a license from Tekla Structures license server \(page 8\)](#).

4. The user waits for the license expiration date, or returns the licenses to the server before the expiration date.

For more information about returning borrowed licenses, see [Return a borrowed Tekla Structures license \(page 10\)](#).

Example

Below is an example of a system where licenses are borrowed from a separate server computer when users need to work offline:



- A dedicated administrator installs the license server on a separate server.
- The administrator activates the licenses, grants the users the rights to use the activated licenses and provides the users all the required information.
- All Tekla Structures users connect to the license server and use licenses activated on the server. They use their activated licenses when they are working at the office.
- Some users borrow licenses from the license server when they need to use Tekla Structures offline.

See also

[Borrow a license from Tekla Structures license server \(page 8\)](#)

[Problems in Tekla Structures license borrowing \(page 14\)](#)

2 Set up Tekla Structures License Borrow Tool for Tekla Structures offline use

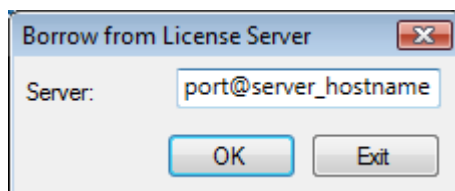
You can use Tekla Structures offline by borrowing Tekla Structures licenses with **Tekla Structures License Borrow Tool**.

Before you start, download and install the latest **Tekla Structures License Borrow Tool** from the [Tekla Downloads](#) product download page.

You can use the same **Tekla Structures License Borrow Tool** for borrowing licenses for different Tekla Structures versions. The version of **Tekla Structures License Borrow Tool** should be the same as the version of Tekla Structures license server.

To set up **Tekla Structures License Borrow Tool** for Tekla Structures offline use:


1. Go to **Tekla Structures License Borrow** --> **Tekla Structures License Borrow Tool** through the **Start** menu or **Start screen**, depending on your Windows operating system.
2. In the **Borrow from License Server** dialog box, enter the port number and the hostname (computer name) of the license server in the **Server** box in the format `port@hostname`, for example, `27007@server_hostname`.



3. Click **OK**.
4. If you administrator has sent you a customized product ID file, open the file now and update the list of accessible licenses:

- a. Click **Open**.
- b. In the **Select Product ID file** dialog box, select the product ID file and click **Open**.

The **Products** area in the **Tekla Structures License Borrow Tool** is updated.

Products					
Borrow Until	Configuration	Version	Activation ID In Use	Start Date	Expiration Date
19.5.2015	SteelDetailing	20		1.5.2015	31.5.2015

5. In the **Tekla Structures License Borrow Tool** dialog box, click **Language** and change the language of the **Tekla Structures License Borrow Tool** user interface, if necessary.

See also

[Tekla Structures License Borrow Tool options and settings \(page 11\)](#)

[Problems in Tekla Structures license borrowing \(page 14\)](#)

3 Borrow a license from Tekla Structures license server

In **Tekla Structures License Borrow Tool**, you can borrow licenses from Tekla Structures license server when you want to work offline. Borrow the license on the same computer that you will use for offline work.



Before you can borrow a license, you need to install Tekla Structures License Borrow Tool, connect the computer with Tekla Structures to the license server and open the product ID. For more information about the prerequisites, see [Set up Tekla Structures License Borrow Tool for Tekla Structures offline use \(page 6\)](#).

To borrow a Tekla Structures license:

1. Close Tekla Structures.
2. Go to **Tekla Structures License Borrow --> Tekla Structures License Borrow Tool** through the **Start** menu or **Start screen**, depending on your Windows operating system.
3. In the **Products** area, click the **Borrow Until** box and select the expiration date for the borrowing period from the calendar.



The maximum borrowing period is one month. The exact maximum borrow period varies between 29 to 32 days depending on the borrowing date.

Products

Borrow Until	Configuration	Version	Activation ID In Use	Start Date	Expiration Date
19.5.2015 	SteelDetailing	20		1.5.2015	31.5.2015

4. Click the **Borrow** button to borrow the license.

The borrowing progress is displayed in the **Borrowing License(s)** dialog box. After successful borrowing, the **Borrowed Licenses** area shows the borrowed license.

Return	Trust Status	Enabled	Configuration	Version	Borrow Until	Borrowed From
<input type="checkbox"/>			SteelDetailing	20	19.5.2015	Z-USERX

5. To ensure that the borrowing succeeded, disconnect your computer from the license server and start Tekla Structures with the borrowed license.

Now you can start Tekla Structures with the borrowed license.

See also

[Problems in Tekla Structures license borrowing \(page 14\)](#)

[View and diagnose errors in borrowing and returning Tekla Structures licenses \(page 13\)](#)

[Borrowing Tekla Structures licenses for offline use \(page 3\)](#)

[Tekla Structures License Borrow Tool options and settings \(page 11\)](#)

4 Return a borrowed Tekla Structures license

You can return a borrowed license back to the Tekla Structures license server before the license expiration date. If you do not return the license, it automatically returns back to the license server at the expiration date.

A borrowed license is automatically available on the license server on the day following the expiration date.

However, the **Borrowed Licenses** area in **Tekla Structures License Borrow Tool** is not automatically updated. The license should be returned to the server that has the same name as the name of the server from which the license was borrowed. We recommend that you always return the expired licenses when you want to stop borrowing a license.

To return a borrowed Tekla Structures license:

1. Ensure that you are connected to the license server.
2. Close Tekla Structures.
3. Go to **Tekla Structures License Borrow** --> **Tekla Structures License Borrow Tool** through the **Start** menu or **Start screen**, depending on your Windows operating system.
4. Select the **Return** check box in the **Borrowed Licenses** area to select the license for returning.
5. Click the **Return** button to return the license.

After successful returning of licenses, the **Borrowed Licenses** area is updated.

See also



[Problems in Tekla Structures license borrowing \(page 14\)](#)

[Tekla Structures License Borrow Tool options and settings \(page 11\)](#)

5 Tekla Structures License Borrow Tool options and settings

Tekla Structures License Borrow Tool displays information about licenses that are available for borrowing and the licenses that have been borrowed. You can also borrow and return licenses in the **Tekla Structures License Borrow Tool**.

The **Products** area displays information on licenses, and allows you to set the expiration date for the license borrowing:

Products					
Borrow Until	Configuration	Version	Activation ID In Use	Start Date	Expiration Date
19.5.2015 	SteelDetailing	20		1.5.2015	31.5.2015

Option/Setting	Description
Borrow Until	Select an expiration date for a borrowed license. One month is the maximum.
Configuration	The name of the configuration that you are borrowing.
Version	The version number of the configuration.
Activation ID In Use	Indicates whether the activation ID is used for borrowing. The box is selected only if you are using a customized and exported product ID file.
Start Date	The date when the license came into effect.
Expiration Date	The date when the license expires.

The **Borrowed Licenses** area displays information on borrowed licenses, and allows you to return borrowed licenses.

Borrowed Licenses						
Return	Trust Status	Enabled	Configuration	Version	Borrow Until	Borrowed From
<input type="checkbox"/>	H T R		SteelDetailing	20	19.5.2015	Z-USERX

Option/ Setting	Description
Return	Used for returning licenses.
Trust Status	<p>The Host (H), Time (T) and Restore (R) Trust Status. Green symbol indicates that information is trusted. Red symbol indicates that information is not trusted. If any of these are not trusted, the license cannot be used.</p> <ul style="list-style-type: none"> • Host indicates whether the server has been moved from one computer to another or the computer hardware has radically changed. • Time indicates whether the system clock has been tampered with. • Restore indicates whether the license is obtained from a backup copy.
Enabled	Indicates whether the license is enabled or disabled. For example, a license may be disabled if there is a disconnection during the borrowing. A disabled license cannot be used.
Configuration	The name of the configuration.
Version	The version number of the configuration.
Borrow Until	The date when the borrowing expires.
Borrowed From	The license server from where the license is borrowed.

See also

[Borrowing Tekla Structures licenses for offline use \(page 3\)](#)

[Return a borrowed Tekla Structures license \(page 10\)](#)

[Problems in Tekla Structures license borrowing \(page 14\)](#)

6 View and diagnose errors in borrowing and returning Tekla Structures licenses

Tekla Structures License Borrow Tool displays error messages when errors occur. The tool automatically creates packages of all files required for diagnosing the errors.

If there are problems in borrowing or returning licenses, **Tekla Structures License Borrow Tool** displays an error message in the **Borrowing License(s)** or **Returning Borrowed License(s)** dialog box, depending on the subject of the error.

- You can view detailed information about an error by clicking the **View** button in an error dialog box.
- **Tekla Structures License Borrow Tool** automatically creates zip files in the `%TEMP%\Tekla Structures License Borrow Tool\Reports` folder containing error reports (`error.txt`). You can send the zip files to your local support to get help. Click **Browse** in the error dialog box to browse for the folder containing the error report.

See also

[Borrowing Tekla Structures licenses for offline use \(page 3\)](#)

[Return a borrowed Tekla Structures license \(page 10\)](#)

[Problems in Tekla Structures license borrowing \(page 14\)](#)

7 Problems in Tekla Structures license borrowing

Some typical problems and errors in borrowing and returning Tekla Structures licenses are described below.



Unable to select a date from the calendar in the Borrow Until box.

Reason: The maximum borrowing period is one month.

Solution: In **Tekla Structures License Borrow Tool**, select a date that is within one month from the date of borrowing:

1. Go to **Tekla Structures License Borrow** --> **Tekla Structures License Borrow Tool** through the **Start** menu or **Start screen**, depending on your Windows operating system.
2. In the **Products** area, click the **Borrow Until** box and select from the calendar the expiration date that is within one month from the date of borrowing.



Tekla Structures does not start up with the borrowed license.

Problem: You borrowed a license and disconnected from the network. When you open Tekla Structures, the **Tekla Structures - Connect to License Server** dialog box is displayed, but Tekla Structures does not find the borrowed license.

Solution: If Tekla Structures does not start up with the borrowed license, please type only an asterisk character (*) into the **Server address** box in the **Tekla Structures - Connect to License Server** dialog box.

This will force Tekla Structures to search for all possible locations for the license. It might take some time until it finds the license.



The computer that is running a borrowed license crashed, what should I do?

Solution: If your computer only needs rebooting, you can use the borrowed license again after rebooting. If your computer completely breaks down, the license will automatically be available on the license server when the borrowing period expires.

Error 50018

Problem: License borrowing fails.

Reason: Wrong product ID file is in use.

Solution: Ask your license server administrator to send you a new exported product ID file.

Error 50033

Problem: License borrowing fails.

Reason 1: Your license server may not have up-to-date license information.

Solution: Ask your administrator to restart the license server.

Reason 2: The `INCLUDE` keyword in the options file prevents the borrowing of the configuration.

Solution: Ask your license server administrator to add a dummy user into the group of the included users to enable the borrowing.

Error 50035

Problem: License borrowing fails.

Reason: You tried to borrow a license that is not activated on the license server. For example, you might have tried to borrow a version 20 license and there are only version 21 licenses activated on the server.

Solution: Ask your license server administrator which licenses are activated on the license server and/or to provide you with a new product ID file.

Error 50036

Problem: License borrowing fails.

Reason: You are not allowed to borrow the license.

Solution: Do one of the following:

- Ask your license server administrator for the rights to borrow the license.
- Borrow another license.

Error 50037

Problem: License returning fails.

Reason: You tried to return the license to a different license server than it was borrowed from.

Solution: You need to return the license to the same license server that it was borrowed from. Do the following:

1. Go to **Tekla Structures License Borrow** --> **Tekla Structures License Borrow Tool** through the **Start** menu or **Start screen**, depending on your Windows operating system.
2. In the **Borrow from License Server** dialog box, enter the name of the license server where you originally borrowed the license from and click **OK**.
3. Select the **Return** check box in the **Borrowed Licenses** area to select the license for returning.
4. Click the **Return** button to return the license.

After successful returning of licenses, the **Borrowed Licenses** area is updated.

Error 50041

Problem: License borrowing fails.

Reason: You are not connected to the license server.

Solution: Do the following:

- Check that your network connection is working.
- Restart **Tekla Structures License Borrow Tool** and check that you have entered the correct license server information in the **Borrow from License Server** dialog box.

See also

[View and diagnose errors in borrowing and returning Tekla Structures licenses \(page 13\)](#)

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