



Installing Tocoman iLink 4 for Tekla Structures 15

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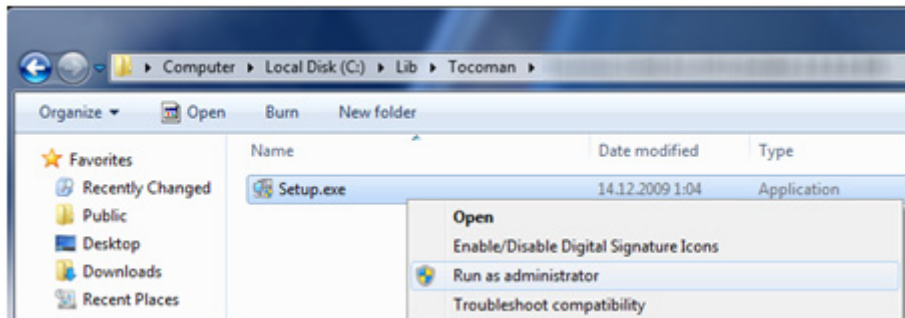
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Installation

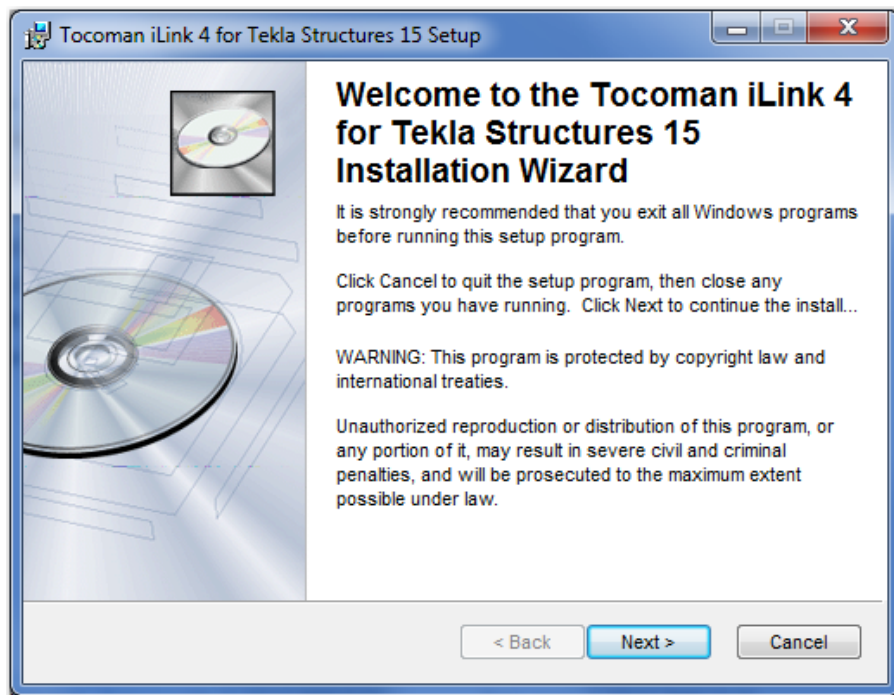
1. Start Tocoman iLink Installation

Start the installation by running the **Setup.exe** installation program. The installation can be canceled at any time by pushing a **Cancel** button.

If you have either Windows Vista or Windows 7 operating system, please use the **Run as administrator** feature.

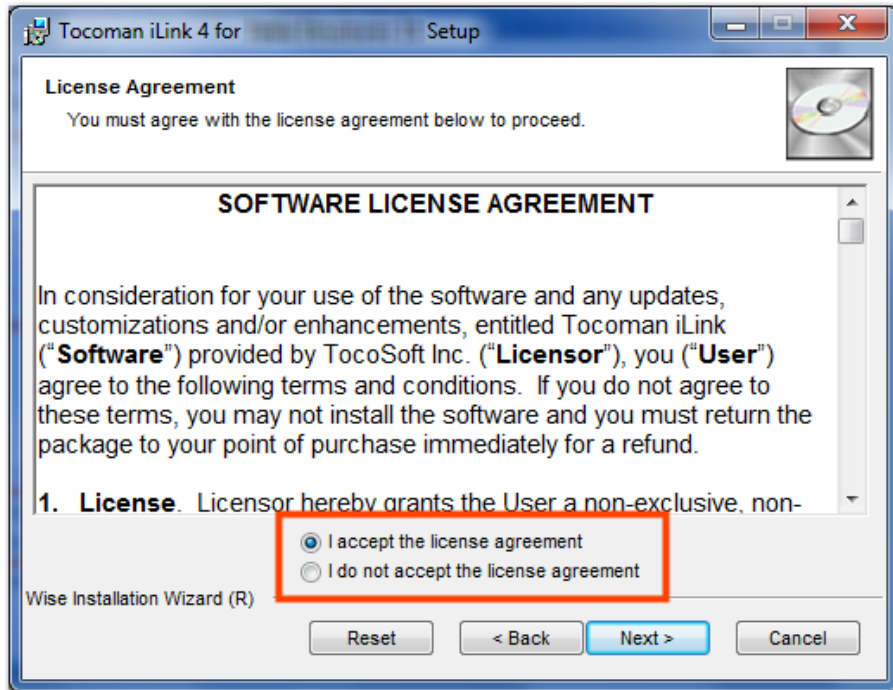


2. Read the Instructions



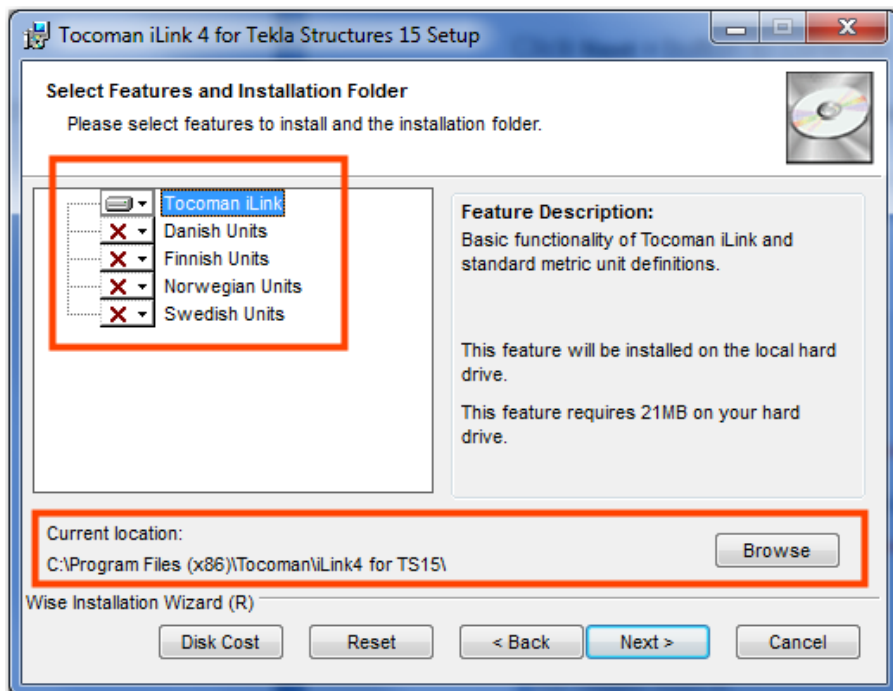
Click **Next >** button to continue.

4. Accept the License Agreement



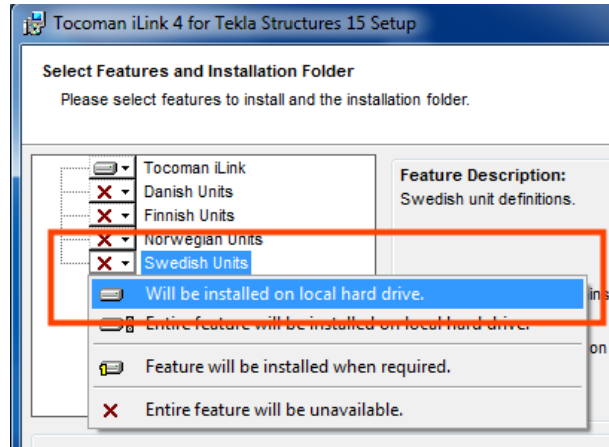
Read the license agreement carefully. To continue the installation, select the option **I accept the license agreement** and click the **Next >** button.

5. Select Features and Installation Directory



Tocoman iLink is installed with standard metric unit definitions by default. If you want to have additional unit definitions (e.g. Swedish), please select them from the available options.

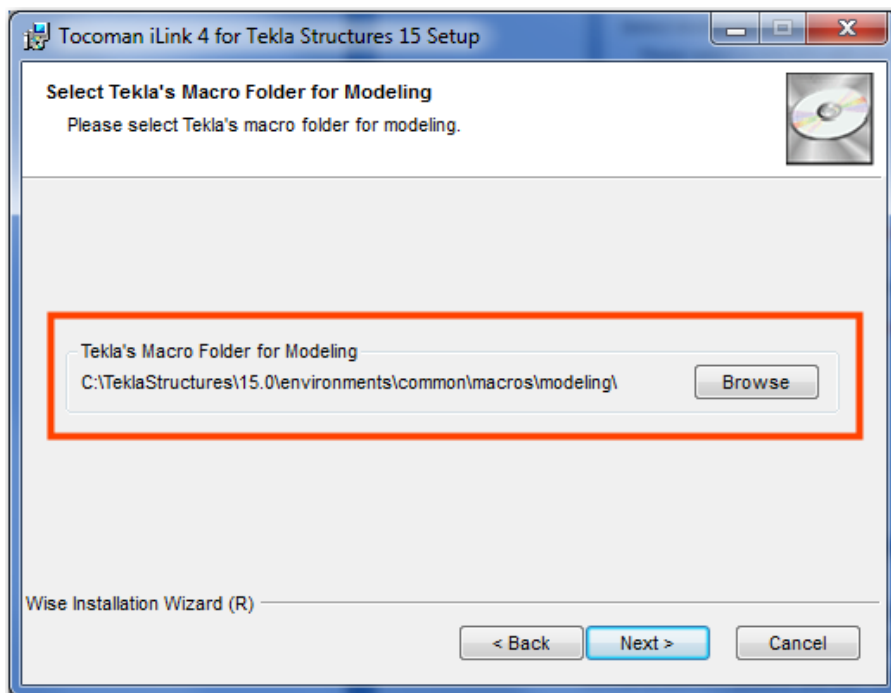
Select option **Will be installed on local hard drive**, if you want to add unit definitions into your installation. Option **Entire feature will be unavailable** removes the unit definitions from your installation.



You can specify to which folder Tocoman iLink is installed. If you do not want to use the default folder, please change it using the **Browse** button.

Click **Next >** button to continue.

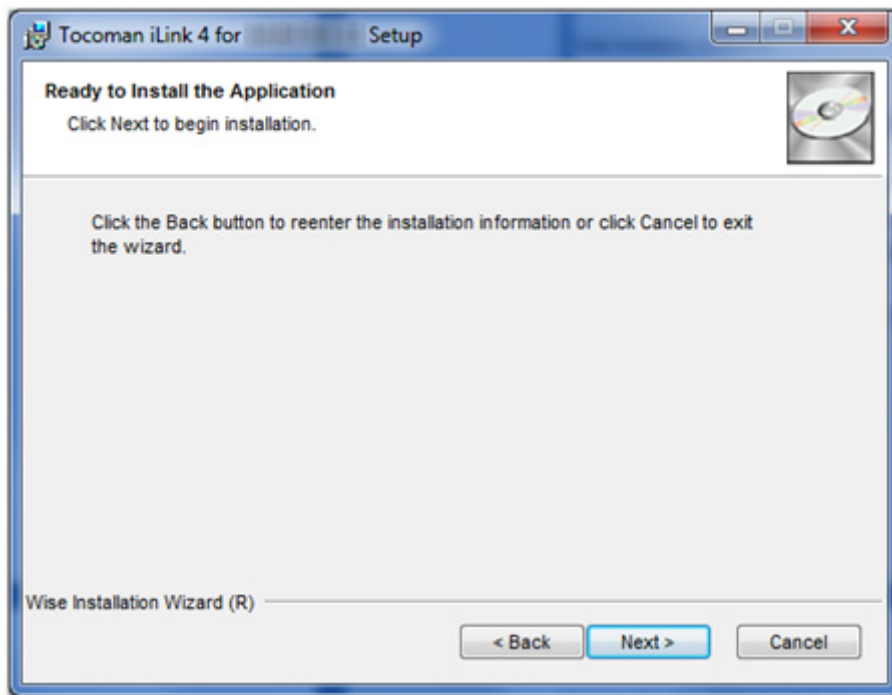
6. Select Tekla's Macro Folder for Modeling



Tocoman iLink uses a Tekla macro for classifying the model for quantity take-off. The macro needs to be installed into the correct Tekla macro folder, which is dependent on your Tekla localization. Change the default value using the **Browse** button, if your localization uses other folder.

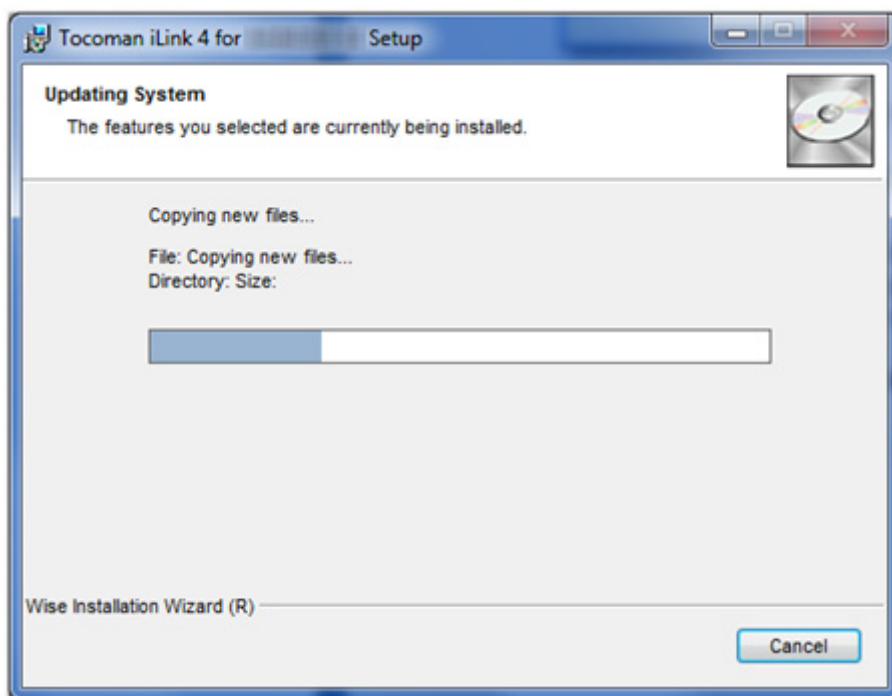
Click **Next >** button to continue.

6. Start the Installation



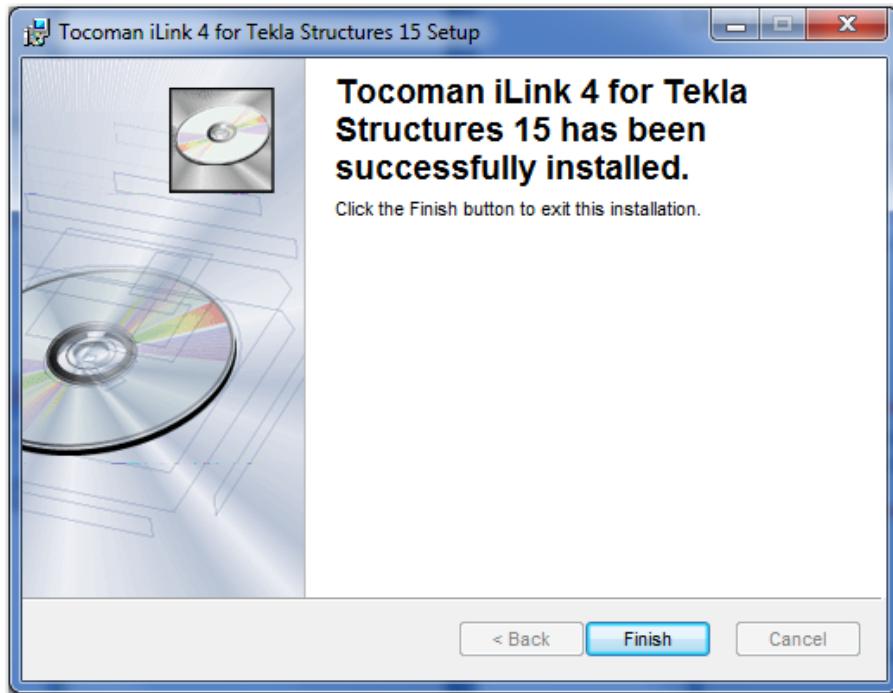
Click **Next >** button to start the actual installation.

7. Installation Progress



The installation may take several minutes depending on the computer.

8. Exit the Installation

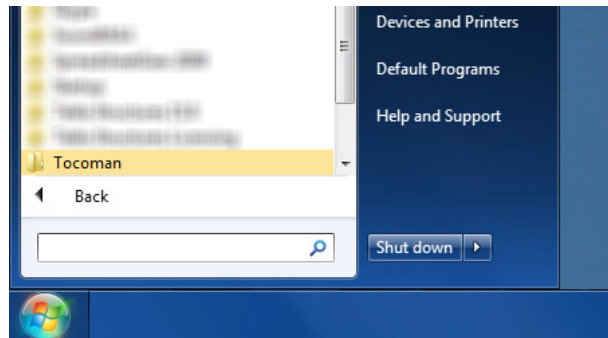


Click the **Finish** > button to exit the installation.

Getting Started

Tocoman iLink's help includes a getting started guide, which contains information about **starting the application** and basic functionality in it.

You can access the help using Windows Start menu. Browse to **Tocoman > iLink 4 for Tekla Structures 15** and click **Help** link.



Please notice that you need to copy Tocoman's special properties into each model, which is used with Tocoman iLink.

Tekla Structures Settings

Tekla Structures has certain system variables, which affect the accuracy of the quantities. It is important that you set the variable values before using Tekla Structures for BIM based quantity take-off.

Accuracy of Solids

Variable(s):

- XS_SOLID_USE_HIGHER_ACCURACY

This variable is located in Tekla's "user.ini" file. The default location for the setting file is following.

C:\TeklaStructures\15.0\nt\bin\user.ini

Set the variable value to "TRUE" or add the variable and value, if they are missing totally from the file (see example below).

```
rem =====
rem   Tekla Structures user defined settings
rem
rem   --- Please do your own system modifications here! ---
rem
rem =====

rem =====
rem --- UNIVERSAL SETTINGS ---
rem =====
rem Add settings here that you want to use in both user modes
rem
rem set XS_FIRM=..firm folder path\
rem set XS_PROJECT=..project folder path\
rem set XS_STD_PART_MODEL=..
rem set XS_PROFDB=..
rem :::

rem set XS_VIEW_POSITION_X=5
rem set XS_VIEW_POSITION_Y=5
rem set XS_VIEW_WIDTH=1024
rem set XS_VIEW_HEIGHT=768
rem set XS_SOLID_USE_HIGHER_ACCURACY=TRUE
```

If you need to add the variable, you can copy and paste the following text at the end of the current setting file.

set XS_SOLID_USE_HIGHER_ACCURACY=TRUE

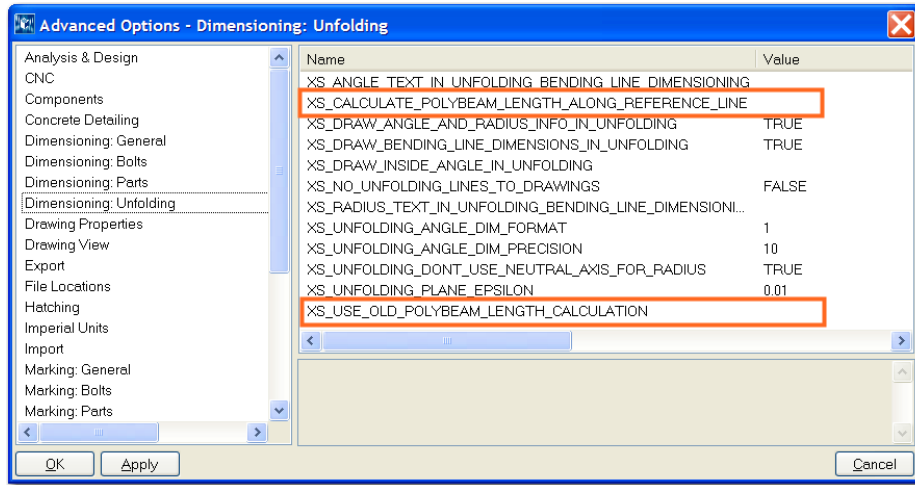
Calculating Polybeams

Variable(s):

- XS_CALCULATE_POLYBEAM_LENGTH_ALONG_REFERENCE_LINE
- XS_USE_OLD_POLYBEAM_LENGTH_CALCULATION

These variables are located in Tekla's Advanced Options dialog. Access the dialog from **Tools > Options > Advanced** menu.

The options can be found from **Dimensioning: Unfolding** list item at the left. Check the values and set them empty if needed (see example below).



Adding Unit Definitions

You can later add or remove unit definitions (see installation step 5). Follow the instruction below to modify them.

1. Run the installer again
2. Select **Change** option
3. Add or remove unit definitions (see installation step 5)
4. Finish the installation