




Activation Guide

Team License
(with USB dongle)

 This version of Team License Server is **deprecated** and supported only for backward compatibility with the server editions that use a dongle for activation. Consider upgrading to [Team License Server 3](#).

Team License Server is an application with a web interface installed on a corporate server that enables the administrator to control **team licenses** (also called **floating licenses**). This way, multiple users can have access to all capabilities of AnyLogic. It can be useful for big companies with distributed teams of employees working with AnyLogic.

Team License Server tracks the number of AnyLogic copies running concurrently, allowing you for managing the distribution of licenses among users.

The **dongle** server is shipped with a special USB dongle that keeps the information about licenses: how many of them are available, and how many are used. The server also provides the generated keys with the digital sign.

The customer receives the USB dongle by mail upon the license purchase.

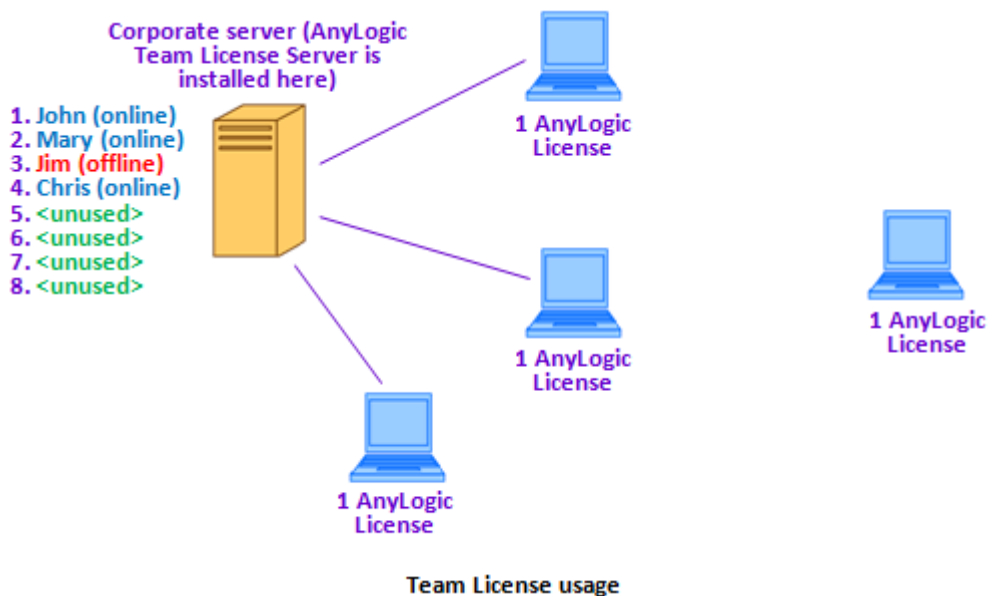
How it works

To activate AnyLogic, you command it to establish a connection to the server and request a key. If there is an available license, the Team License Server issues the key. After that, all capabilities of AnyLogic Professional are available to you regardless of the network connection.

This is convenient when you plan to use AnyLogic intensively during a certain period of time and/or you plan to travel and work on a plane, at a client site, or in a hotel.

To free the license and make it available for other users, you command AnyLogic to connect to the server again and give up the license.

- i** The license also has a configurable expiration period, after which it expires automatically.



Team License server manages all floating AnyLogic licenses that belong to a single company. This does not mean that the company employees are limited to using floating licenses since they can still use their own copies of AnyLogic, activated by a dongle or digital key.

Team License Server – Administrator's guide

System requirements

Team License Server can be installed on a server or a dedicated PC in the same local network as all machines hosting AnyLogic installations.

- **OS:**
Windows 11 / 10 / 8 / 7 / Vista
Windows Server 2022 / 2019 / 2016 / 2012 / 2008 / 2003
- **RAM:** 2 GB (4 GB recommended)
- **CPU:** Intel Core i3 or equals (Core i5 recommended)
- **Disk space:** 120 MB
- An operational **USB port**
- The **8009**, **8080**, and **8443 ports** should be open and available on the Team License Server machine

Installing Team License Server

- 1 Having purchased the bundle of floating AnyLogic licenses, you will get access to the Team License Server installation file.
Run the installation file. This action requires administrator permissions. In case you do not have them, right-click the file and choose **Run as administrator** from the context menu.
- 2 Follow the instructions of the installation wizard. You will be asked to specify the HTTP port number that will be used by the server connection. If the wizard says that the specified port is not available, specify a different port number.

This way, Team License Server will be installed as a Windows service under a system account. The installation consists of Apache Tomcat (a servlet container and web server), USB dongle drives, and a server application itself.

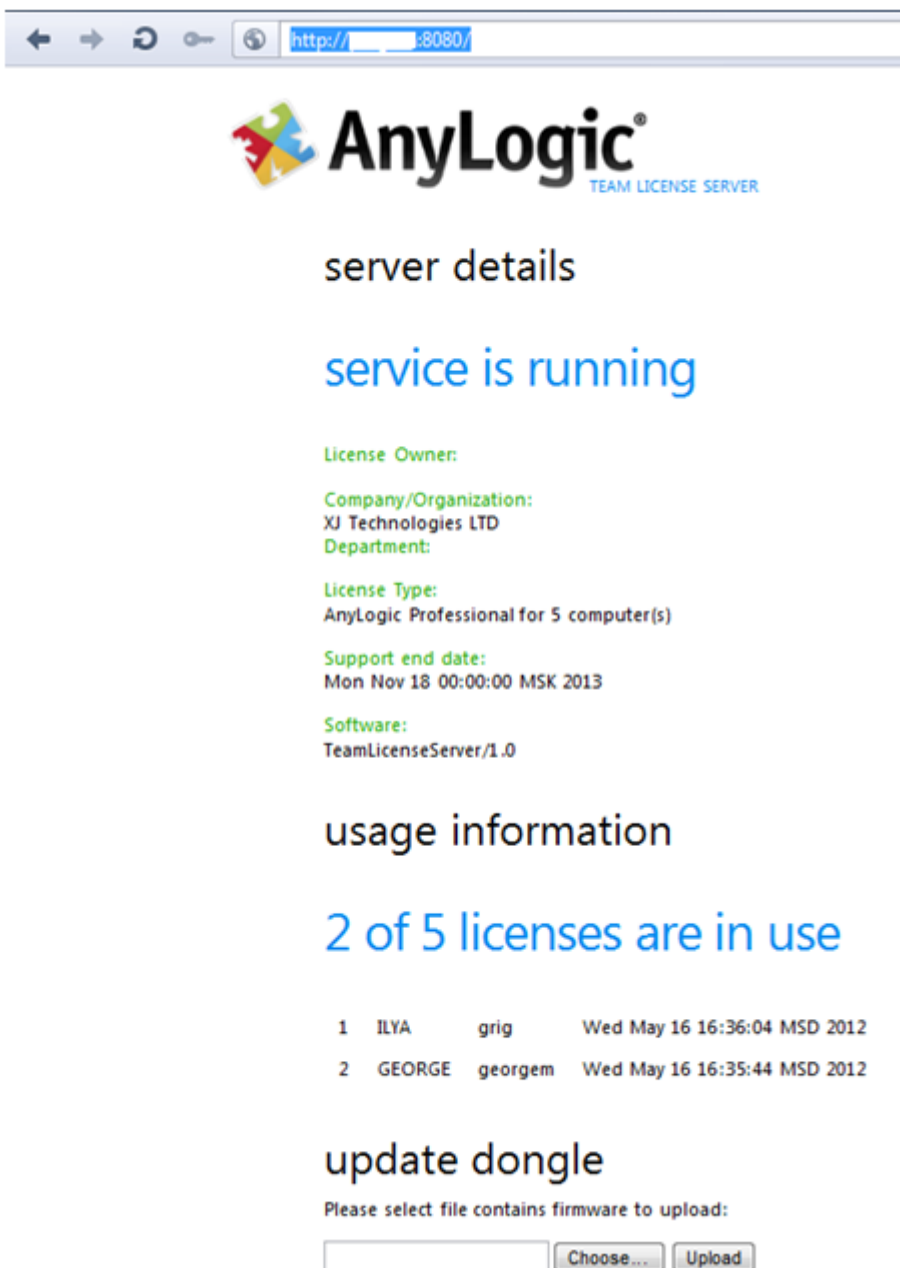
Server console

The console becomes available after the activation of Team License Server. Use it to review the usage information and configure the server's settings.

To open the console, go to `http://<host machine name>:<web interface port>`.

The console offers the following information:

- The server status
- License information (the name of the company, support end date, and so on)
- License usage (list of current license users along with expiration dates for their leased licenses)
- Dongle updates in case additional licenses have been purchased or maintenance and support services must be renewed



The screenshot shows a web browser window with the URL `http://[redacted]:8080/`. The page displays the AnyLogic logo and the text "TEAM LICENSE SERVER". Below the logo, the heading "server details" is followed by the status "service is running". The license information is as follows:

- License Owner:
- Company/Organization: XJ Technologies LTD
- Department:
- License Type: AnyLogic Professional for 5 computer(s)
- Support end date: Mon Nov 18 00:00:00 MSK 2013
- Software: TeamLicenseServer/1.0

The heading "usage information" is followed by the status "2 of 5 licenses are in use". A table lists the active licenses:

ID	NAME	USER	EXPIRATION
1	ILYA	grig	Wed May 16 16:36:04 MSD 2012
2	GEORGE	georgem	Wed May 16 16:35:44 MSD 2012

The heading "update dongle" is followed by the instruction "Please select file contains firmware to upload:". Below this, there is a text input field, a "Choose..." button, and an "Upload" button.

Changing the console's access credentials

- 1 On the machine that hosts Team License Server, navigate to the Team License Server installation directory.

In Windows: `C:\Program Files (x86)\Anylogic Team License Server`

- 2 Open the `conf` directory.
- 3 Open the `serv.properties` file using any text editor.
- 4 Within the file, modify the login and password as you see fit.
In case you want to disable the authentication functionality for good, modify the value of the `needLogin` option:

```
needLogin=False
```

Configuring the license expiration and prolongation settings

By default, the license lease period can range anywhere from 1 day to 6 months. AnyLogic automatically tries to prolong the license upon its expiration:

- If the user is in the network and there is an established connection to Team License Server, AnyLogic receives a new license key with a prolonged expiration date.
- If the user has no connection to the server, AnyLogic stops working until the connection is restored.

To change the lease period

- 1 Open the console in the browser and log in.
- 2 In the **License lease period (days)** field, specify the new lease period.
- 3 Click **Change**.


Locating the logs of the Team License server

To view logs of Team License Server, go to the following directory:

In Windows: `C:\Program Files (x86)\Anylogic Team License Server`

There, in the `logs` directory, you can find logs for all components of Team License Server, preserved in separate files.

Purchasing AnyLogic team license


To initiate the process of purchasing the team license, contact our support team at support@anylogic.com .

Having purchased the team license, you will receive the download link for the Team License Server installation file by email.

In addition, you will also receive:

- A USB dongle for Team License Server (sent by mail).
- The PIN code for USB dongle activation (sent by email).

Increasing the number of available licenses


At some point, you may require additional licenses. To initiate the process of purchasing additional licenses, contact our support team at support@anylogic.com .

Having purchased additional licenses, you will receive the update file by email. With this file, update the information in the Team License Server console by updating the firmware.

To update the firmware to increase the number of licenses provided by Team License Server

- 1 Open the [console](#) in the web browser.
- 2 Go to the **update dongle** section at the bottom of the console and choose the update file using the **Choose...** button.
- 3 Upload the selected file on the server by clicking the **Upload** button. The server will update the firmware to the provided version.

Renewing maintenance and support service license

Having purchased the team license, you automatically get one year of the maintenance and support service for free. When this support service license gets expired, you may purchase its prolongation regularly. Contact our support team at support@anylogic.com  to initiate the process.

After purchasing the renewal, you will receive the software update file by email.

First, you need to update information on Team License Server and then update licenses used by target computers.

To renew the maintenance and support service license

- 1 Open the [console](#) in the web browser.
- 2 Go to the **update dongle** section at the bottom of the console and choose the update file using the **Choose...** button.
- 3 Upload the selected file onto the server by clicking the **Upload** button.

i Renewing the information on the server does not affect the computers of the end users.

To renew the maintenance and support service license on the target computer

- 1 Drop the leased license.
- 2 Lease the license from Team License Server again. The new license will have the renewed maintenance and support service license.

Leasing and dropping the floating license

Leasing a license

- 1 Run AnyLogic. If your product is not licensed yet, the **AnyLogic Activation Wizard** will open automatically. Otherwise, open the **AnyLogic Activation Wizard** by choosing **Help > Activate Product** from the AnyLogic menu.
- 2 In the **AnyLogic Activation Wizard**, select **Lease a license from the AnyLogic License Server** option.
- 3 Specify the server connection settings:
 - **AnyLogic License Server** – the address (IP or host machine name) of Team License Server
 - **Port** – the number of the port that is used to connect to the server (8443 by default)

Consult your system administrator to make sure that your settings are valid. Click **Next** when finished.

- 4 AnyLogic will request a key from Team License Server.
If the connection to the server has been established successfully and there are available licenses, the server will generate the activation key and sends it to AnyLogic on the target machine. AnyLogic will store this key in the user folder. No further connection to the server is required to keep working with AnyLogic.
- 5 The license is now leased. You will see the corresponding message on the last page of the AnyLogic activation wizard.
- 6 Click **Finish** to close the wizard.

If all licenses are leased at the moment, you should contact the administrator to find the person who can [drop their license](#). When a license becomes available, you should follow the scenario above to lease it yourself.

Dropping the leased license

- 1 Run AnyLogic.

- 2 To open the **AnyLogic Activation Wizard** dialog, select **Help > Activate Product** from the AnyLogic menu.
- 3 In the dialog, select the **Drop leased server license** option.
- 4 Click **Next**.
- 5 If the connection to the server has been established successfully, the license will return to the server and you will see the corresponding message on the last page of the AnyLogic activation wizard.
- 6 Click **Finish** to close the wizard.