

Network Licenses for VehicleSim Products

Mechanical Simulation Corporation produces and distributes software tools for simulating and analyzing the dynamic behavior of motor vehicles. The simulation packages are organized into families of products named BikeSim®, CarSim®, TruckSim®, and SuspensionSim®. These products are based on the simulation architecture named VehicleSim®.

All of the VehicleSim (VS) products require a license key to run. The license management is handled by FlexNet software, and VS products support several FlexNet license management methods. One of these uses is a network license server to manage access to the software.

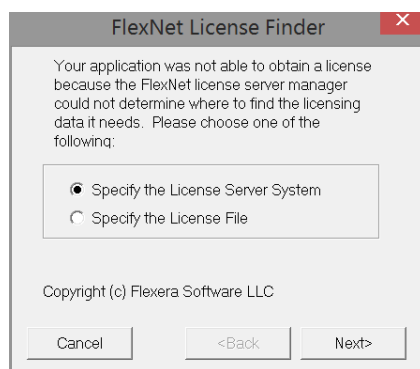
This memo describes how to use network license for your VS product.

Note Mechanical Simulation will email the FlexNet network license file to you or your system administrator. The network license installation and setup must be completed before you can run your VS product.

New Installation

For new installations of VehicleSim products:

1. Launch the newly installed VS product.
2. A **FlexNet License Finder** window will appear (Figure 1a). Select the **Specify the License Server System** option then click the **Next** button. The window will show a field for the server name (Figure 1a).



a. License type (server or file)



b. Location of license file

Figure 1. Prompts from a VS product (e.g., CarSim) to locate a license file.

Note If you are not using the default port for FLEXlm you will need to include the port number as part of the name (example license server name 27001@flexlm1).

3. Enter the server name and click the **Next** button.
4. Click the **Finish** button to continue.

Note If you receive a **Problem** window Cannot find available license, you should contact your system administrator responsible for maintaining the FlexNet License Manager. Or, email licensecontrol@carsim.com with the subject <product> <version> Cannot connect to network license. (E.g., CarSim 2021.1 Cannot connect to network license). You will receive a response within one business day.

This problem can occur if you cannot connect to the server, the server is not currently running, the license is expired, or the server is running an older version of the software.

License Settings

The first time you launch the new version of your VehicleSim product., a **License Settings** window appears to show the set of available features (Figure 2). Use this window to enable/disable features as needed.

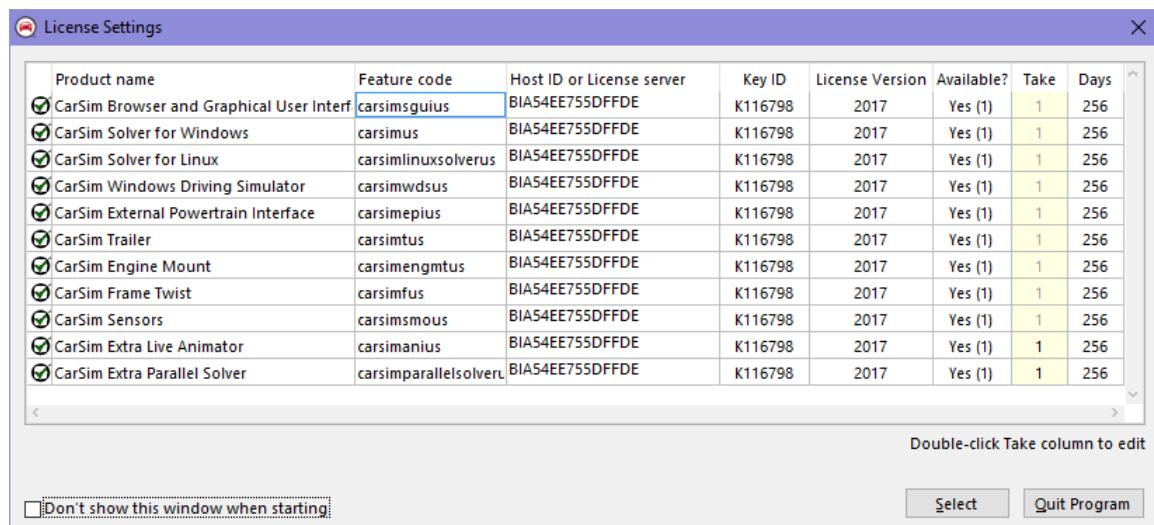


Figure 2. The License Settings window for a VS product (e.g., CarSim).

For typical use of the software, you must check at least two boxes: the **Browser and Graphical User Interface**, and the **Solver for Windows**. You can disable features that you will not use, so they will be available to other users on your network.

To avoid viewing this window every time you start the VS product, check the box in the lower-left corner: **Don't show this window when starting**.

After selecting the options, click the **Select** button to run the software.

Product Upgrade

If you are upgrading a VS product and either of the first year part of the version number is changing, e.g., going from 2020.1 to 2021.0, your group should have received a network license file by email for use by your system administrator. If the network license file has already been setup up by your system administrator then your VS product will automatically work.

1. Launch the newly installed VS product.

Note	If you receive a Dialog Box Cannot find available license, please contact your system administrator responsible for maintaining the FlexNet License Manager or email licensecontrol@carsim.com with the subject <i><product> <version> Cannot connect to network license</i> . (E.g., CarSim 9.0 Cannot connect to network license). You will receive a response within one business day.
-------------	---

2. Confirm the **License Settings** (Figure 2) as described in the preceding section, and click the **Select** button to run the software.

Annual Key Renewal

Purchased VS product licenses are permanent. However, the license file expires after a year and must be renewed. This feature allows Mechanical Simulation to maintain an accurate customer and user database, enhance customer service, and ensure that all users have access to software upgrades. Forty-five (45) days prior to the license key expiration date, you will get a warning message when launching the software. In the case of a network license, the network license administrator at your company will need to update the network license with the renewed file. If have not received your updated network license file, please send an email that includes your Key ID to licensecontrol@carsim.com with the subject "Network License Renewal" and Mechanical Simulation will send the latest network license file for your company. We recommend attaching the current network license file for reference.