

Installing TSS v12.01 on Windows Vista

Minimum Supporting Software Requirements for both 32-bit and 64-bit machines:

TSS:

- Exceed and Exceed 3D 2007

SINDA:

- Intel Fortran v10.1 Standard Edition

Installation:

1) Install Exceed and Exceed 3D

- After installation, enable Direct Rendering within Exceed
 - o From the Start menu (Exceed 2007), go to: Hummingbird Connectivity 2007 | Exceed tools | XConfig | Exceed 3D and GLX, and select direct rendering.
- Without direct rendering, the graphics will be much slower.

2) Install software to run Spacedesign Sinda/Fluint (optional)

- Install Intel Fortran v10.1
 - o Perform a complete install, with Integrations for Microsoft Visual Studio
 - If you are prompted during install that there are known compatibility issues, select Run Program and complete the Fortran installation.

3) Download and install TSS version 12.01 from <http://www.spacedesign.com/dltss12.html> .

- Right-click 'setup.exe', and select 'run as administrator'
 - o You will be guided through the installation
 - o Make sure to specify a unique TSS directory when prompted (e.g. C:\Program Files\Space3D_v12)
 - o Verify the PATH's detected during the install for Exceed and Fortran when prompted

4) If you are using a USB hardware key (dongle), perform the following steps. If you are not using a dongle, skip to step 5.

- Install the dongle driver
 - o Go to the Aladdin webpage and select the appropriate HASP4 driver for your platform: <http://www.aladdin.com/support/hasp/hasp4/enduser.asp#latestDD>
- Re-boot
- Plug in USB dongle

5) Set-up the FlexLM license manager

- Option 1 - If you are using a dongle or want to run the license manager locally, follow these steps:
 - o Place your license file in the C:\Program Files\Space3D_v12\TSS\data folder
 - o Verify/set the Server name in the license file
 - Edit the license file
 - Check the SERVER name on the first line and edit if necessary
 - Do not make any other changes to the license file
 - o From the Start Menu, go to Programs | Space3D | LM Toolkit

- The 'Service/License File' tab should be selected
 - Verify that the 'Configuration Using Services' checkbox is checked
 - Select the 'Config Services' tab
 - Enter a service name (e.g. TSS FlexLM service)
 - Next to the Path to lmgrd.exe, click Browse...
 - Navigate to the folder containing lmgrd.exe and spaced.exe (default location is C:\Program Files\Space3D\FLEXnet Publisher 11_4_1)
 - Highlight 'lmgrd.exe', and select OK
 - Next to the Path to the license file, click Browse...
 - Navigate to the license file location
 - Highlight the *.lic file, and select OK
 - Select the 'use services' and 'start server at power-up' checkboxes
 - Click 'Save Service'
 - Select the 'Start/Stop/Reread' tab
 - Click 'Start Server'
- Option 2 - If you want to run the license manager on a server (client machines will be checking out licenses), follow these steps:
 - Place a copy of the TSS license file on the server.
 - Verify/set the Server name in the license file
 - Edit the license file
 - Check the SERVER name on the first line and edit if necessary
 - Do not make any other changes to the license file
 - Place copies of the license manager files on the server.
 - Copy the folder C:\Program Files\Space3D_v12\FLEXnet Publisher 11_4_1 from a client machine to the server (or download from our website at <http://www.spacedesign.com/licensemanager.html>)
 - Run LMTools from the FLEXNET Publisher 11_4_1 folder on the server
 - The 'Service/License File' tab should be selected
 - Verify that the 'Configuration Using Services' checkbox is checked
 - Select the 'Config Services' tab
 - Enter a new service name (e.g. TSS FlexLM service)
 - Next to the Path to lmgrd.exe, click Browse...
 - Navigate to the folder containing lmgrd.exe and spaced.exe
 - Highlight 'lmgrd.exe', and select OK
 - Next to the Path to the license file, click Browse...
 - Navigate to the license file location
 - Highlight the *.lic file, and select OK
 - Select the 'use services' and 'start server at power-up' checkboxes
 - Click 'Save Service'
 - Select the 'Start/Stop/Reread' tab
 - Click 'Start Server'
 - Place a copy of the license file (*.lic) on each client machine
 - The license should be placed in the TSS\data folder. Default location is C:\Program Files\Space3D_v12\TSS\data
 - There should only be one *.lic file in the TSS\data folder
 - SERVER name in license file should point to the server machine

6) To run TSS

- Launch the TSS Executive from the Start Menu under the name you specified during TSS installation (default is Space3D).

7) Troubleshooting

- If the TSS graphics area does not display properly within applications, this may be due to the graphics card driver. You can try turning off Hardware Acceleration to correct this.
 - o From the Start menu (Exceed 2007), go to: Hummingbird Connectivity 2007 | Exceed tools | XConfig | Exceed 3D and GLX, and un-select Hardware Acceleration.
 - o Running with Hardware acceleration off will generally not have a significant impact on graphics speed. The most important impact on increasing graphics speed is enabling Direct Rendering.
- If you encounter a fatal error when launching TSS applications, you may need to install the Microsoft Visual C++ Redistributable.
 - o 32-bit machines
<http://www.microsoft.com/downloads/details.aspx?familyid=9b2da534-3e03-4391-8a4d-074b9f2bc1bf&displaylang=en>
 - o 64-bit machines
<http://www.microsoft.com/downloads/details.aspx?familyid=bd2a6171-e2d6-4230-b809-9a8d7548c1b6&displaylang=en>

8) For support, contact:

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