# OptiSystem 7.0 Release Notes

# IMPORTANT - PLEASE READ ME

## *Installation Notes and Known Issues*

### Installation:

- It is highly recommended that all previous versions of OptiSystem or OptiSys_Design be removed before starting the installation of OptiSystem 7.0
- If the length of the installation directory path is too long, it can cause the installation to fail. To avoid this, it is recommended that you not exceed the length of the default installation path.
- During reinstallation, after removal of the application you may receive an error message. Simply click OK on the 'Installation Failed' screen, and proceed as normal.
- Back up your data before installing OptiSystem 7.0 if you are a current user of OptiSystem 6.0 or earlier. The software installation program supplies a complete set of samples. These samples could overwrite the contents of the samples directory from previous versions of OptiSystem found on your computer. If you have data in the OptiSystem samples directory you want to keep, please make a copy of your samples directory before installing OptiSystem 7.0 to avoid losing your data.
- If you are using Windows XP WITHOUT Service Pack 1, the USB Protection Key drivers may not install properly. This will cause the application to fail with an error #102. In addition, in the Device Manager, there will be device called Security Token or USB Token that is known to have problems. If the installation fails, please run the Sentinel Driver 32-bit Setup.exe file that is included on the installation CD in the MISC subfolder.
- If you are using Windows Vista you may have problems accessing OptiSystem samples. To avoid Windows Vista problems when accessing one's own Program Files folder, please make a copy of the samples directory to another folder; just make sure the directory is not in a folder under Program Files.

## Minimum hardware and software requirements:

- PC with Pentium 3 processor or equivalent
- Microsoft Windows 2000, XP or Vista. 32-bit or 64-bit edition
- 400 MB free hard disk space
- 1024 x 768 graphic resolution, minimum 65536 colors
- 128 MB of RAM (recommended)
- Internet Explorer 5.5 (or higher)
- DirectX 8.1 (or higher)

## Application Execution:

- When running OptiSystem under a Restricted User Profile, place all sample files in the Restricted User's folder, or wherever the user has Read/Write access. It may also be necessary to remove the Read-only flag from the file after the copy is made. This has to do with file permissions - OptiSystem needs to open the file in a read/write mode.
- If you are using Windows Vista you may have problems accessing OptiSystem samples from its default location under the Program Files folder. To avoid Windows Vista problems when accessing one's own Program Files folder, place all sample files in a User's folder, or wherever the user has Read/Write access; just make the folder is not under the Program Files folder.

Please contact your network administrator if you need assistance with this.

- There are some MATLAB files (.m) included that are necessary to make the samples work properly. Another important point - the path in the MATLAB search path (Main tab of the Matlab component) has to be updated with the path to the Matlab files, otherwise the sample will not work.

- In order for the OptiSystem Online Help to function properly, Adobe Acrobat Reader must be installed. To get the latest version please visit the Adobe website at http://www.adobe.com/, or install from the version that is provided on the OptiSystem Installation CD.

- Some computers provide a power saving feature, Hibernation. If available, this feature is controlled by opening Power Options in Control Panel. Clicking the Hibernate tab, and then selecting the Enable hibernate turns it on. After the computer goes into hibernation, it won't find the Optiwave protection key, and the simulation will stop with a message that the protection key can't be found. Disable the hibernation feature of the computer in order to avoid this problem.

- If you are using Windows Vista you may have problems visualizing the axis x title of Quick View Graphs due to border padding. It may be necessary to remove or reduce the size of the border padding so you can visualize the graph title. In the Advanced Appearance dialog box, scroll through the Item list until you find the Border Padding item. Select the Border Padding item and then reduce the the size to one or zero.

- New OptiSystem sample files are available in the Optiwave Community Forum: http://www.optiwave.us/system/optisystem.html.

- OptiSystem 7.0 now supports OptiPerformer 7.0 file export. OptiPerformer can be downloaded from the official Optiwave website: http://www.optiwave.com/.

***For a complete new feature listing, please refer to the "What's new in OptiSystem 7.0" section of the Getting Started document, included with OptiSystem.***