

EMA Technical Support

Cadence OrCAD 16.5 Installation Guide

Introduction

Thank you for choosing to Cadence® OrCAD®. EMA Design Automation appreciates your support as we are committed to helping our customers do their job efficiently. This document was designed as a thorough, but simple, step-by-step guide to installing OrCAD v.6.5 software. If at any point you require further assistance, or if you need clarification on any of the instructions, feel free to call our technical support line at (585) 334 6001, option 5 or contact us via email at techsupport@ema-eda.com.

These instructions are intended for use with standalone workstations as well as network licenses.

- Network server installations refer to step 1.
- Client installations refer to step 2.
- Standalone workstation installations refer to steps 1 & 2.

Notice

Support for Windows 7 and 64 bit is significantly enhanced in this release. The installation guides you through Windows 7 enhanced user controls, 64 bit license manager and dongle drivers.

Preparation

In order to install and run OrCAD v16.5, you need the following items:

1. OrCAD Release 16.5 installation DVD or downloaded DVD image.
2. Your OrCAD 16.5 license file. **The license file is a text file sent to you in an email from EMA**, usually named hostid.license.ORCAD.txt or similar. If you do not have your 16.5 license file please contact EMA Technical Support.
3. Your USB Flex ID key (if necessary). Do not plug in until prompted.
4. Administrative privileges and all security software disabled temporarily.
5. License Server hostname. If unsure of your hostname, this can be found by typing HOSTNAME in your DOS Command Prompt window.

EMA Technical Support

Step 1 – Install the License Server

1. At the Autorun screen, select the **License Manager** option.
2. At the Welcome Screen select, Next to begin the LM installation.
3. Accept the License Agreement
4. Select the Destination directory for LM install and click next. (Default is recommended for easier troubleshooting if necessary)
5. Next you will select the features to be installed. **Licensing should already be selected**, go ahead and click Next.
6. Click Install to install the Cadence License manager.
7. You will now be prompted to browse to the license file you received from EMA. Browse to the license file and click next.
8. The next screen is the License Server menu. Here your Port number field will already be filled in for you. In the hostname field you will want to enter the **hostname** of the machine you are installing the licensing on. Leave the rest of the fields blank and click Next.
9. If you are using a USB Flex Id key you will now be prompted to install the Flex Id drivers, plug your dongle in at this time and follow the on screen prompts.
10. The License Manager will now be configured for you. After a few seconds you should receive a message stating you have successfully checked out a license. Click OK.
11. You are finished installing the Cadence License Manager. Click Finish to end the install.

Step 2 – Install the software

1. Back at the Autorun screen, we will now install the software. Click on **Product Installation**.
2. At the Welcome Screen, select Next to begin the Product installation.
3. Accept the License Agreement.
4. Select the type of installation you plan to use.
 - a. Complete will install all products (easiest).
 - b. Custom lets you select the individual products you wish it install.
 - c. If you choose custom, you will be prompted to browse to the control file. This file should have been sent with your license file. Browse to the control file and click Next.
5. You will also be asked to select if this software will be used by one user or multiple users on this machine. One user (only for me) is recommended and is most compatible with Windows 7 enhanced security user controls
6. You will now be asked choose the OrCAD installation directory, working directory and License path.
 - a. Default is recommended for easier troubleshooting if necessary. This will NOT overwrite any previous version installations).

EMA Technical Support

- b. If you have multiple versions installed the switch release function will provide assistance to enable various versions. By default you will be configured for the latest version that was installed
- c. The WORKING/HOME directory is the directory separate from the installation directory used to store projects and libraries. This folder will be left untouched during un-installations. Specify the directory and click Next (Recommended C:\OrCAD_data\).
- d. You will also be asked specify the license path. You will need to enter the PORT@HOSTNAME you entered when installing the license manager. The default port is 5280. Your license file configuration field should look similar to 5280@hostname. Click OK to continue.

Note: (If you are installing the OrCAD 16.5 Demo, simply enter DEMO and click OK)

- 7. Verify the products you want to install and click Next
- 8. If you are installing Capture CIS you will be asked to select the appropriate Footprint viewer for Capture CIS and click Next (PCB Editor is recommended). This can be changed later if necessary. Take the default directory for these libraries.
- 9. Review the installation summary of products to be installed then click Next
- 10. To begin the installation, click Install

You have successfully installed release OrCAD 16.5.

Special Notice to existing users

To better support Windows 7 Enhanced security and User controls, All SPB/OrCAD installation related environment variables will be migrated from the system level to the user level for (only for me) single user installation. Other users of the machine can choose configure from the start menu should they want to run SPB/OrCAD products on this system.

Should you run into any issue or have specific questions during your installation, you can reach the EMA Technical Support Department using a variety of methods from 8AM – 8PM EST

Phone 585-334-6001 option 5

E-mail Techsupport@ema-edu.com

Website <http://www.ema-edu.com>

For Online Support or Chat via EMA Resource Center (ERC), visit: <http://support.ema-edu.com>