SIEMENS EDA

# ODB++ Viewer Installation Guide

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# Table of Contents

**Chapter 1**
**ODB++ Viewer Installation . . . . . 5**
Running the Installer . . . . . 5
Installation Directory Structure . . . . . 12
Troubleshooting the ODB++ Viewer Installation . . . . . 13

# Chapter 1
# ODB++ Viewer Installation

This document provides instructions for installing the ODB++ Inside for Cadence Allegro software on a supported operating system.

**Running the Installer** . . . . . 5
**Installation Directory Structure** . . . . . 12
**Troubleshooting the ODB++ Viewer Installation** . . . . . 13

# Running the Installer

As you run the installation wizard, you must specify the location of the ODB++ Viewer directory.

## Restrictions and Limitations

No special characters other than Underscore (_) and Dash (-) are allowed in the installation path.

## Prerequisites

Access to the latest installation package *odb-plus-plus-viewer-64-bit.zip*.

## Procedure

1. Log in with administrator rights.
2. Close all open applications.
3. Extract the content of the ODB++ Viewer installation package to a local disk.
4. Within the extracted content, locate and run the installer executable:

   *ODB_Viewer_<ver>_Windows_64_SA_Setup.exe*



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5. Provide the information requested by the wizard:

| Page | Description |
|---|---|
| Welcome page | Read the warning and click **Next**.<br> |



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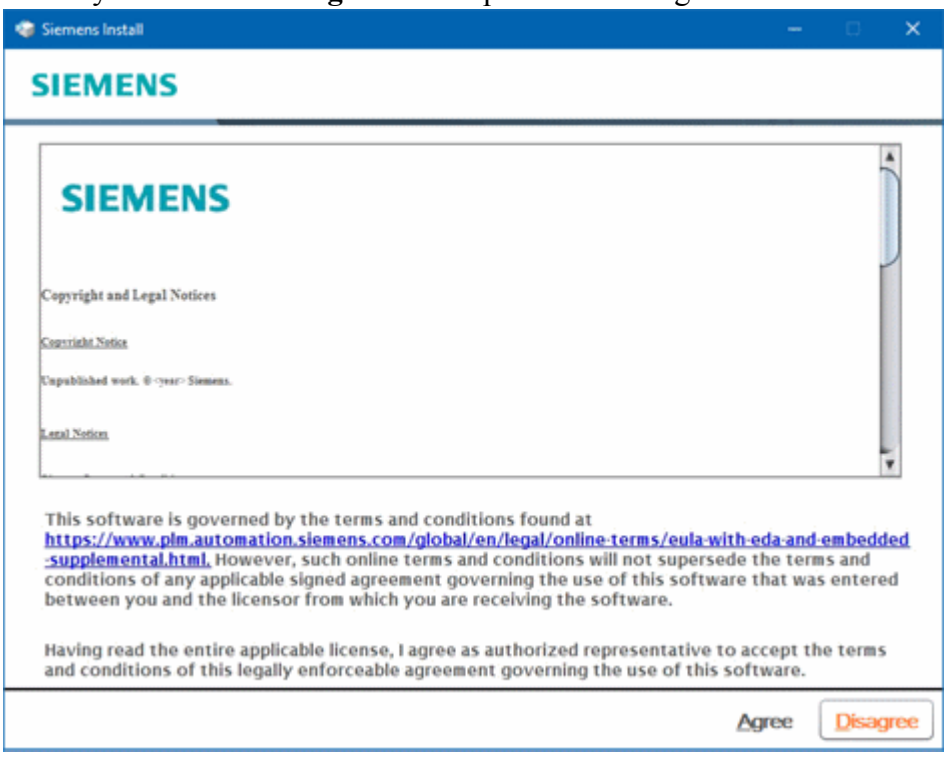
| Page | Description |
|---|---|
| Copyright and Legal Notices | Carefully read and click **Agree** to accept the license agreement.<br>  |



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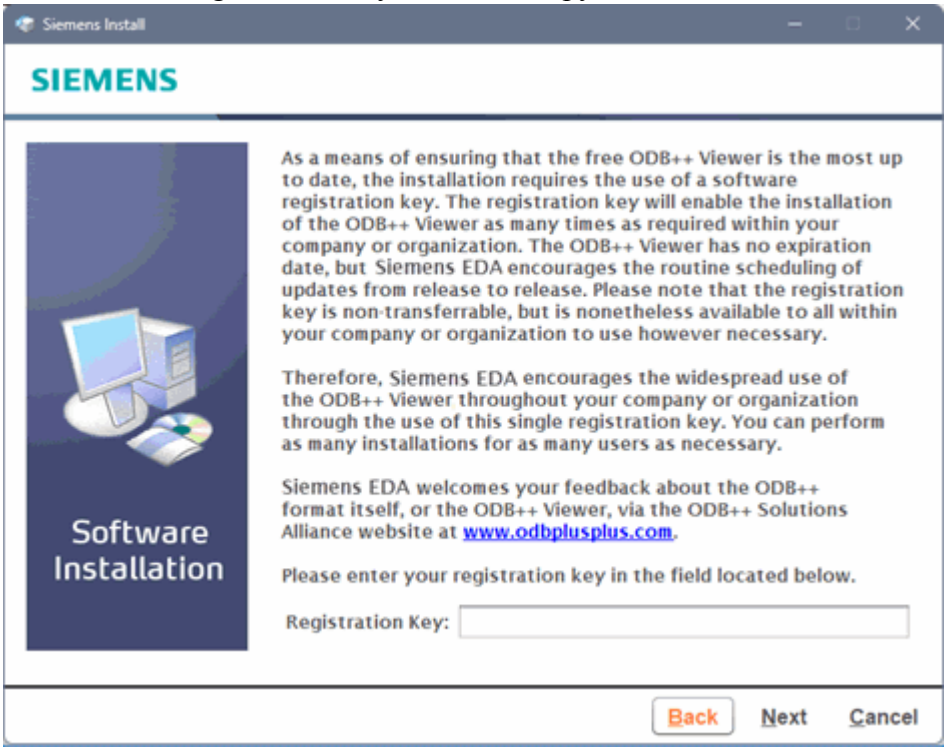
| Page | Description |
|---|---|
| Software Registration | Provide the registration key:<br>1. Within the folder to which you extracted the installation package, open the *readme.txt* file in a text editor.<br>2. Locate the Registration Key value and copy it into the wizard.<br>  |





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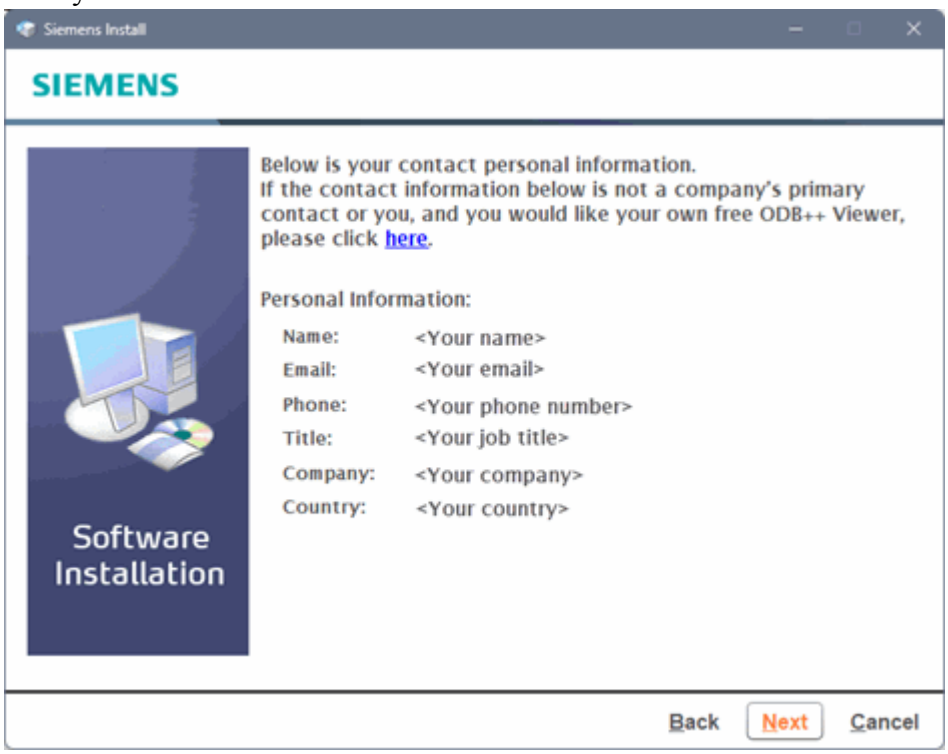
| Page | Description |
|---|---|
| Contact Personal Information | Verify that the contact information is correct.<br>If required, register a new installation of ODB++ Viewer:<br>1. Click the link to access a blank Download Form in the browser.<br>2. Type in the required information and click **Free Download**.<br>3. Copy the new registration key to clipboard.<br>4. In the wizard, click **Back** and paste the copied value into the Registration Key field.<br>  |



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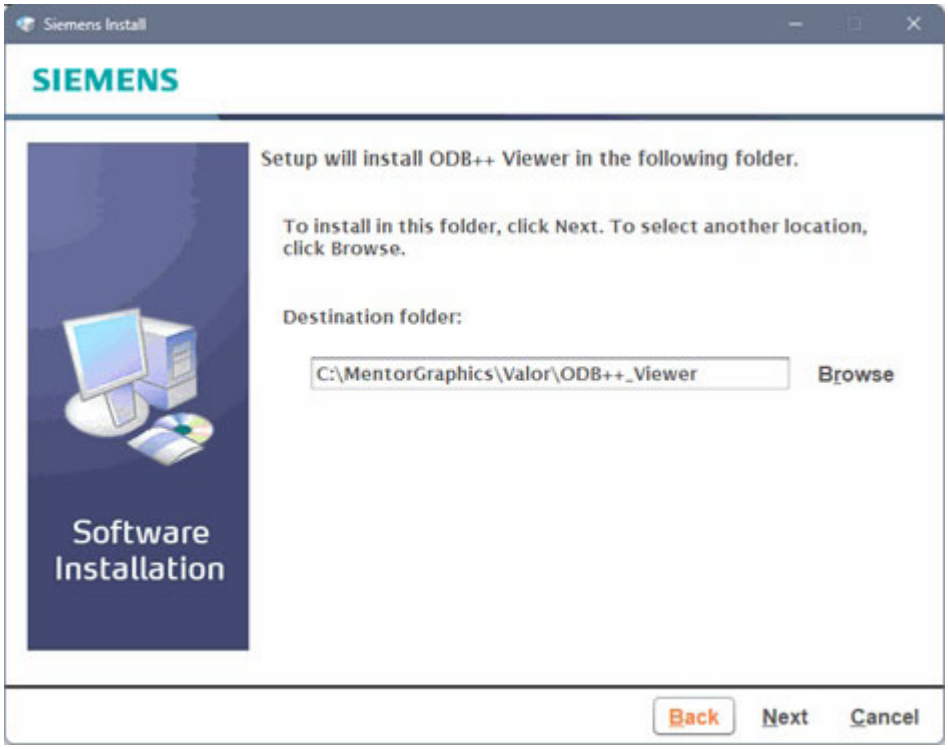
| Page | Description |
|---|---|
| ODB++ Viewer Installation Directory | Specify the location where the ODB++ Viewer application will be installed. Use the default location, or browse to a different location, and click **Next**.  |





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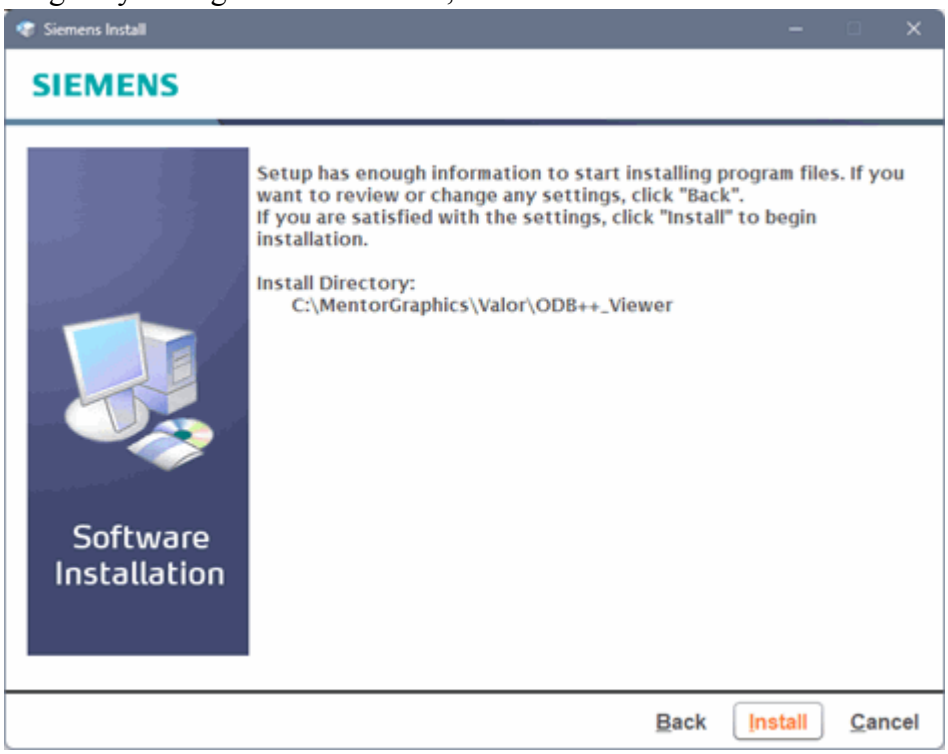
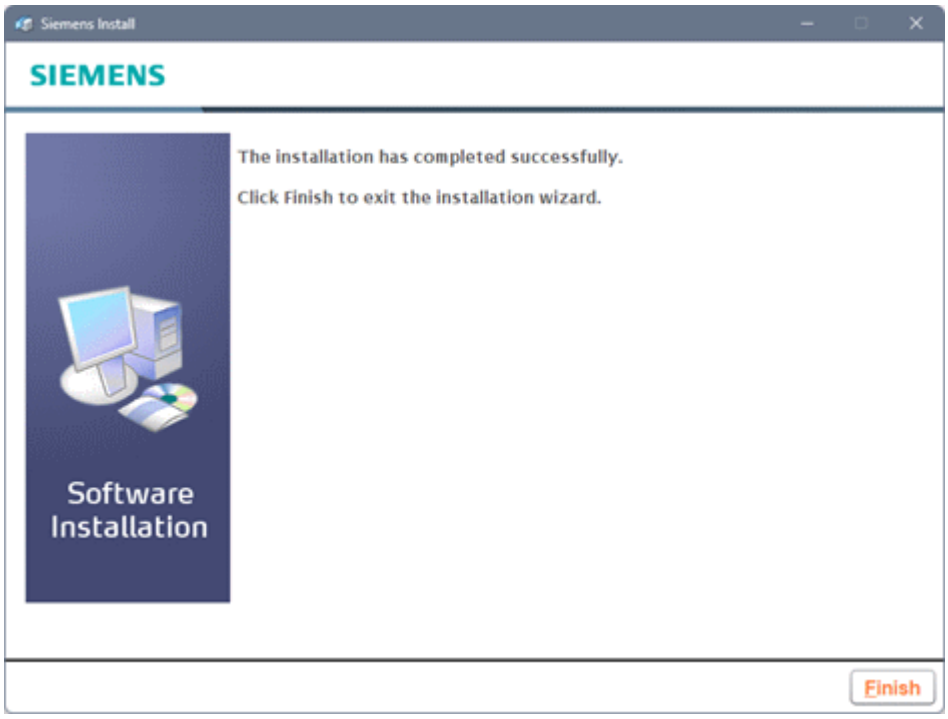
| Page | Description |
|---|---|
| Installation Ready | Check the path to the install directory. If necessary, click **Back** to review or change any settings. When satisfied, click **Install**.<br>  |
| Installation Completed | Click **Finish**.<br>  |



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### Results

Refer to the *ODB++ Viewer User Guide* for instructions on how to interactively review ODB++D product models.

# Installation Directory Structure

The ODB++ Viewer installation results in files stored in several directories.

- **ODB++ Viewer Installation Directory** — The location where ODB++ Viewer Application Directories for each version are installed.

  Default path:

  *C:\MentorGraphics\ODB++_Viewer*

- **ODB++ Viewer Application Directory** — Contains ODB++ Viewer executables and other installed files, and cannot be altered by the user. The directory naming is version-specific.

  Default path:

  *<ODB++ Viewer Installation Directory>\odbviewer_<ver>*

  The environment variable VALOR_EDIR points to the *edir* subdirectory under the ODB++ Viewer Application Directory.

  The file *%VALOR_EDIR%\env_file* contains Valor environment variables set during installation. The settings defined in this file are not overwritten during an upgrade.



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# Troubleshooting the ODB++ Viewer Installation

These issues might be encountered during or after ODB++ Viewer installation.

| Issue | Explanation |
|---|---|
| TCP/IP errors in stand-alone mode | ODB++ Viewer requires that TCP/IP be installed even on stand-alone computers. Make sure that TCP/IP networking is installed, and that there is a network adapter for TCP/IP.<br>• If TCP/IP is not installed, install it.<br>• If no network adapter is installed, install one.<br>• If the computer has no network card, install MS Loopback adapter. |
| File Not Found when loading the system | If the system does not load, check that the QT shared library file is available at the appropriate location:<br>*%VALOR_EDIR%\nv\deps\valor_qt_514* |
| Sort and find commands fail when run from scripts | The sort and find commands are built into Windows in */winnt/system32*. If they fail, perform one of these actions:<br>• Put the string *%VALOR_EDIR%\nv\bin* in your path before *\winnt\system32*<br>• Alias sort to *%VALOR_EDIR%\nv\bin\sort* in startup scripts.<br>Alias find to *%VALOR_EDIR%\nv\bin\find* in startup scripts. |



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