SIEMENS EDA

ODB++ Viewer Release Notes

Software Version 2504
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About Siemens Digital Industries Software

Siemens Digital Industries Software is a global leader in the growing field of product lifecycle management (PLM), manufacturing operations management (MOM), and electronic design automation (EDA) software, hardware, and services. Siemens works with more than 100,000 customers, leading the digitalization of their planning and manufacturing processes. At Siemens Digital Industries Software, we blur the boundaries between industry domains by integrating the virtual and physical, hardware and software, design and manufacturing worlds. With the rapid pace of innovation, digitalization is no longer tomorrow’s idea. We take what the future promises tomorrow and make it real for our customers today. Where today meets tomorrow. Our culture encourages creativity, welcomes fresh thinking and focuses on growth, so our people, our business, and our customers can achieve their full potential.

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Table of Contents

ODB++ Viewer Release Notes

This document provides a high-level summary of the corrected defects and enhancements in the ODB++ Viewer 2504 release.

Release documents are located on the Downloads page of the ODB++Design website—refer to this page for the most up-to-date information, including the changes added after the release:

https://odbplusplus.com/design/downloads/odb-d-viewer

Before you install the software, be aware of the following:

- Starting with the 2504 release, the default path for new installations is *C:\SiemensEDA\Valor*. When upgrading from ODB++ Viewer version 2409, the software retains the existing directory, typically *C:\MentorGraphics\Valor*. However, if you upgrade from a version earlier than 2409 and select the default path for the VALOR_DIR directory, you must copy the contents of your previous VALOR_DIR directory to the new location to retain access to your system data. See Migrating VALOR_DIR Data During a Software Upgrade in *ODB++ Viewer Installation Guide*.
- The ODB++ Viewer Documentation InfoHub has been deprecated. Product documentation remains included with the installation, and you can access it by pressing F1 from the active window. The HTML toolbar contains controls with tooltips displaying the titles of relevant topics or books:
  - The Table of Contents button provides a link to the parent section, up to the *docs* directory that lists all the installed books.
  - The navigation arrows enable moving to the next or previous topic within the current book.

Enhancements in ODB++ Viewer 2504

This version adds improved functionality.

- **EBS-157341** — Improve the representation of Electrical Type and Mount Type information across the User Interface.

  The display has been unified in the entire application to present the Electrical Type as B, E, M, or U, and the Mount Type as SMT (or S), SMT PR (or D), TH (or T), TH_RH (or R), PRESS_FIT (or P), NON_BOARD (or N), HOLE (or H), or Unknown (or U).

Enhancements in Earlier Versions

This section lists new features and improvements introduced ODB++ Viewer since version 2305.

Enhancements in ODB++ Viewer 2403

- **EBS-152449** — Change the ODB++ Viewer installer to remove the registration key processes.

  Registration key is no longer required to install and run ODB++ Viewer.

Enhancements in ODB++ Viewer 2305

- **EBS-141075** — Enable separation of software component from other ODB++ Viewer components.

  The installer supports manual selection of the VALOR_DIR directory for storing configuration and work files that require write permissions.

- **EBS-145184** — Read and Save component risk value. Display in Component Information.

  The “VPL INFO” section of the Component Information dialog box now displays the component solderability risk. The value is calculated in the VPL based on the physical characteristics of the package.

- **EBS-146014** — Display the Component and lead size and tolerances in the graphic area.

  New options have been added in the Component Display Options dialog box to support the display of the size and dimensional tolerances for VPL package body and leads.

Problems Fixed in ODB++ Viewer 2504

Version 2504 addresses several issues reported by customers or identified internally.

- **EBS-156989** — Layer read failure due to missing line symbols.

  Resolution: Fixed.

- **EBS-162491** — Copper Thickness field displays extra decimal places for values in metric units.

  Resolution: Fixed.

- **EBS-162626** — The color of layers with type “power_ground” and subtype “pg_flex” is incorrect in the Matrix.

  Resolution: Fixed.

- **EBS-164548** — Import fails for a product model with missing component data.

  Resolution: Fixed. Missing component layers and EDA files are now handled by creating an EDA entity with default packages, ensuring the job can be read and saved without errors.

Problems Fixed in Earlier Versions

This section lists defects fixed in ODB++ Viewer since version 2403.

Problems Fixed in ODB++ Viewer 2409

- **EBS-150194** — Error message (num_jobs_list > 0) at D:\anthill3\var\jobs\projects \400867_4852861\s_dev\code\get\get_clipb.c 13206 appears in the log.

  Resolution: Fixed. Redundant log entries from an empty job list have been eliminated.

- **EBS-152996** — Internal error while reading odb++ product model -gen_txt-6003..

  Resolution: Fixed. The error message now provides the full path to the missing or corrupted file. The mouse cursor is restored after the error is processed.

- **EBS-158553** — ODB++ Viewer truncates the first letter of a product model name during manual import.

  Resolution: Fixed.

Problems Fixed in ODB++ Viewer 2403

- **EBS-150539** — Change in the *legal* folder location.

  Resolution: ODB++ Viewer's *legal* folder is now located in the ..*odbviewer_<version>* directory.

Known Problems and Workarounds

We are aware of the following issues in this release.

- Cursor distortion in Extend mode on Windows.

  Description: Different scale settings between screens may cause the mouse cursor to change shape unexpectedly. This occurs because each screen generates a cursor based on its own scale. For example, clicking a measuring tool and then moving the window to another screen, may change the cursor into a right arrow.

  Workaround: Repeat the action associated with the cursor to refresh the cursor appearance on the new screen.

Support Information

You can use a streamlined process to report a problem, receive guidance on the ODB++ Viewer installation, or receive help with a task you are trying to accomplish while using the tool.

To submit a support case, complete the form on the Contact page of the ODB++Design website:

https://odbplusplus.com/design/contact