SIEMENS EDA

ODB++ Viewer Release Notes

Software Version ODB++ Viewer 2610
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ODB++ Viewer Release Notes

This document provides a high-level summary of enhancements, resolved defects, and known issues, including available workarounds, in the ODB++ Viewer 2610 release.

Release documents are available on the ODB++ Resources page on the Siemens website, which provides the latest information and any post-release updates.

https://www.siemens.com/en-us/products/pcb/odb-plus-plus/resources/

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.

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Enhancements in ODB++ Viewer 2610

This version adds improved functionality.

- **EBS-186272** — ODB++ Viewer icon redesign.

  The ODB++ Viewer icons have been updated to align with the look and feel of other Siemens applications, providing a more consistent, clear, and balanced user experience.

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Enhancements in Earlier Versions

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

Enhancements in ODB++ Viewer 2604

- **ENG-294113** — Feature Information window should include a textual description of the assigned IPC 4761 via type.

  The values of the IPC-4761 Top/Bottom Via Type attributes in the Feature Information dialog box are followed by a textual indication of the assigned type.

Enhancements in ODB++ Viewer 2510

- **EBS-167795** — Make the Select action the default in the graphic area.

  Implemented. The default action on window opening has been changed from Zoom Area to Select.

- **EBS-167796** — Replicate the behavior of the middle mouse button to Esc (keyboard).

  Implemented. The Esc key now cancels or reverses actions in the graphic area.

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 2610

Version 2610 addresses several issues reported by customers or identified internally.

- **EBS-183341** — Missing directories and files in ODB++ Viewer after installation.

  Resolution: Fixed.

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Problems Fixed in Earlier Versions

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

Problems Fixed in ODB++ Viewer 2510

- **EBS-164092** — Incorrect conversion of SIPs when reading ODB++.

  Resolution: Fixed.

- **EBS-166661** — Standard square toeprint displays as a large triangle when rotated non-orthogonally.

  Resolution: Fixed.

- **EBS-167083** — Failure to read data stored on a UNC path.

  Resolution: Fixed. Double slashes and other special characters in file paths are now processed correctly.

Problems Fixed in ODB++ Viewer 2504

- **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 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.

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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.

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Known Problems and Workarounds

Product limitations, defects, and unexpected behaviors may affect normal operation. Workarounds provide practical ways to minimize disruption and maintain reliable performance.

- User attribute values coming from the design are ignored, preventing features such as dynamic text strings from being resolved and replaced by their attribute values.

  Description: This behavior is controlled by the FORCE_LIB parameter. Starting with version 11.5, the default configuration ships with FORCE_LIB=YES. In this mode, the application enforces a common set of user attributes from the library and discards or overrides user attributes defined within the individual design.

  Workaround: Manually change FORCE_LIB=YES to FORCE_LIB=NO in the ..*fw**lib**misc**userattr* file, then restart ODB++ Viewer.

- In some windows, context-sensitive Help is unavailable. When you press F1 or choose **Help** > **View Help**, the expected documentation may not open.

  Workaround: Open Help from any window where it is available, then click the Home icon on the Siemens toolbar to open the documentation landing page. Open the appropriate HTML (top) or PDF (bottom) document and search it for the required information.

- 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 Siemens website:

https://resources.sw.siemens.com/en-US/contact-us-odb/

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