
Cadence OrCAD CIP: What's New in Release 17.4.7

Product Version 17.4-2019

October 2019

Updated: November 2020

This document describes the new features and enhancements in Cadence® OrCAD® CIP in Release 17.4.7.

- Support for 64-Bit Operating Systems

Support Only for 64-Bit Windows Operating Systems

The 17.4.7 products are supported only on the following 64-bit versions of Windows operating systems:

- Microsoft® Windows® 8 (All service packs, such as Windows 8.1)
- Microsoft® Windows® 10
- Microsoft® Windows® 2012 Server
- Microsoft® Windows® 2016 Server
- Microsoft® Windows® 2019 Server

Note: Windows 10 Home Edition are not supported.

CIP Version 17.4.7 Release Notes

This “Release Notes” document summarizes the updates made to releases of CIP; the CIP Help documentation fully describes functionality of the product including updates. Due to the switch of using Chromium while running in Capture, when using OrCAD CIP Web application version 17.4.5 or higher, the CIP Client plugin must also be 17.4.5 or higher.

Current Version

17.4.7 (2020-11-24)

- + Enhanced keyword search to show top 100 matches without requiring an exact string match.
- + Added an option to auto-register CIP Windows Users with a default role, which would occur when a user clicks the Windows button at the CIP login screen. This option can be configured in Admin > Users, Roles & Permissions.
- + Added a Terms of Use link for the Compliance Module.
- Corrected a display issue in the Compliance Details window after clicking on a pie chart summary. This occurred when a compliance attribute display name was changed.
- Fixed a bug where the CIP Web Application would lose license variable info and require an IIS reset when some IIS or CIP web application settings were changed.
- Removed an error message that occurred when previewing a part from the Temp Parts list.
- Fixed a bug that caused inconsistent user logging when TMP parts were derived from Capture CIS.
- Corrected the Silicon Expert mappings for AveragePrice and MinimumPrice to transfer values to CIP when available.
- Removed (Alt+C) shortcut for CIP Client inside Capture.

Previous Versions

17.4.6 (2020-5-21)

- Fixed an issue with incremental part numbers filling gaps between numbers, instead of using the highest available.
- Fixed a bug that prevented changing order of manufacturer parts on a company part.

17.4.5 (2020-4-24)

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- + Updated Installation Guide for
 - System Requirements section removing support for Windows Server 2008 and 2008R2
 - The CIP client version requirements to be compatible with CIP Web Application
- + Updated CIP Client technology from IE to Chromium, which greatly improves the performance of TMP part creation from the Compliance module.
- + Updated Web.config to support use of Chromium.
- + Improved performance of Component pages with greater than 3 manufacturer parts.
- + Added success and failure messages to indicate BOM Import completion status.
- Fixed an issue that caused CIP BOM Import to fail without warnings or errors when any variants contain only DNP or ignored parts. Such variants will now be skipped and the import will continue to completion. If said variant(s) is the only one being imported, an error message will appear.
- Added an error message when a user attempts to place a reuse module symbol that is not found.
- Fixed a bug with BOM Export that caused issues when any selected columns contained no data.

17.4.4 (2020-3-19)

- + Updated the Admin > Users, Roles & Permissions > Users page to indicate that Email and Password are required fields when adding users.
- Corrected an issue that caused the CIP Database installer to fail when upgrading a database containing square brackets in any field display names.
- Fixed a bug with the Compliance module that was causing the datasheet field to be excluded from sync.
- Fixed an issue with the View button that is available for some compliance fields so that it works for users of all roles.
- Fixed a bug that generated an IIS error when a distributor part is added by a user who is denied the permission to edit distributor part numbers.

17.4.3 (2020-2-14)

- + Enhanced the Compliance Summary charts to display the associated list of parts after clicking a pie chart segment. The parts lists are also exportable to Excel or CSV.
- + High risk values for key risk compliance fields are now displayed in red text when viewing the manufacturer part data of a component.
- + Enabled the order shown in CIP to display as order values in CIS relational view.
- + Expanded role permissions so that users with Create/Edit/Delete permission on TMP parts can also Move TMP parts.
- + Added a select all checkbox option when editing user roles.

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- + Added new CIS .DBC files for compatibility with CIP 7.1 database.
- + Updated Role Permissions to auto-select Create/Edit/Delete TMP Part options when associated Formal Part options are selected. This will now clearly show that Formal Part permissions automatically apply to both Formal and TMP Part permissions.
- Fixed a bug that caused BOM import to incorrectly generate an error for duplicate parts.
- Updated data type for the Value in the MechanicalMapping table because it caused a CIS query error when using the equal (=) operator in combination with a wildcard (*) in the search string.
- Fixed an issue with history so it records the correct user in the Last Modified By field when moving parts using the Component View Mover.
- Corrected a bug that caused a script error when sorting BOM columns that don't contain data.
- Extended the database upgrade timeout to account for some pre-6.6 databases that required extended time to complete.

17.4.2 (2019-12-13)

- + Updated statuses of part in starter library.
- + Change CIP web folder name from CIP to Web.
- + Made schematic symbol preview background theme to match the user Capture settings for 17.4.
- + Replaced DBC with new 7.0 DBC file.
- + Updated CIP Web application to work with TLS 1.2.
- + Added Smart Value functionality to the Enable CLR utility and renamed it EnableCLRAndSmartValue.exe.
- + Enhanced Compliance summary chart with option to show risk summary status by selected BOM.
- + Updated system requirements and added clarifications to troubleshooting sections in the installation guide.
- + Added validation of CIP versions to ensure web application and database are compatible.
- + Added the CIP URL field to the list of fields available in the CIS DB Search and BOM Export.
- + Added an Admin configurable link that can be enabled for all component pages.
- Fixed bug to correctly retain configured columns settings in the Temp Parts tab.

17.4.1 (2019-11-13)

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- Corrected capitalization of a link in the end user license agreement. The link when copied and pasted into a browser will now open to the full license agreement.
- Updated installer titlebar to have correct product naming for 17.4-2019.

17.4.0 (2019-09-27)

- + Initial 17.4 release
- + Simplified installation of the CIP server by combining Web, Database and Starter library files installers into a single installer.
- + Changed installation process of Starter Library parts to remove the need for IT involvement. Addition of Starter Library parts can now be made by a CIP Admin.
- + Added datasheet repathing instructions to the user guide.

- + Added Username filter to list in Temp. Parts tab to allow users to display TMP parts created by a specific user.
- + Added Temporary Parts section to searchable parametric fields list in CIS DB Search.
- + Added ability to map single distributor properties to multiple CIP fields when using Distributor Search.
- + Added 5 distributor user fields (D_UserField01-05).
- + Enabled Digi-Key hyperlinks for Primary Photo and Primary Video properties shown in Distributor Search results.
- + Added an option to Reuse Module creation that adds the property, BOM_IGNORE=TRUE, to reuse modules so they will be excluded from the CIS Part Manager.
- + Clarified the difference between previewing import data and an actual import by relabeling the Analyze checkbox to Simulate in the Import functionality.
- + Added a new DBC file to the out-of-the-box CIP 17.2.14 installation.
- Fixed issue with distributor sync process syncing orphaned manufacturer and distributor parts and removed them from the database.
- Corrected permission for adding multiple distributor PNs. Restricted permission to the same as that of adding a single distributor part number.
- Fixed bug that prevented the Manufacturer PN property from getting transferred to the Value field when using Distributor Search.
- Corrected a BOM issue where renaming a part number or moving a part to a different table would remove it from existing CIP BOMs.
- Corrected bug that prevented saving of default values for numeric user fields.
- Fixed bug that sometimes prevented the saving of email notifications settings.
- Fixed link in user guide to download the correct sample DBC files.
- Removed Distributor Order field that was accidentally added to the Import logs.

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