

Allegro X Pulse and Allegro EDM Known Problems and Solutions

**Product Version 23.1
September 2023**

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Allegro Pulse and Allegro EDM known problems and solutions (KP&S) are reviewed at regular intervals and updated when new issues arise. Up-to-date known problems and solutions are published on [Cadence Online Support](#).

- [CCMPR02773863: LIBRARY-CELL facet is not working](#)
- [CCMPR02839923: Error message SPDWSRV-62 needs to be changed to handle the server and project being on different releases](#)
- [CCMPR02864825: PDF generation fails for DE-HDL designs in Publish for Manufacturing](#)
- [CCMPR02815104: Owner attribute update in Library Synchronization generates an error](#)
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- [CCMPR02767952: Issues with filters and the library-cell feature](#)
- [CCMPR02810168: Error creating a project or opening an existing project when a HotFix is installed without first shutting down the Pulse client connection](#)
- [CCMPR02849970: Layouts shared other team members cannot be viewed by them in the same System Capture session](#)
- [CCMPR02825153: Managed layout ordering needs to be fixed in System Capture and web dashboard](#)
- [CCMPR02857281: Project tab continues to show older layout as a copied one even though it has been committed to Pulse](#)

- CCMPR02867566: Renaming issues with managed layouts
- CCMPR02860368: Random issue of all Pulse operations failing in System Capture

CCMPR02773863: LIBRARY-CELL facet is not working

Description: When working with the `LIBRARY-CELL` facet, some searches might result in error SPBWSRV-603, particularly with a large library.

Solution: Contact Cadence Customer Support to review possible workarounds and solutions.

CCMPR02839923: Error message SPDWSRV-62 needs to be changed to handle the server and project being on different releases

Description: When creating a new project from a template, a layout might fail to be attached to the new design if the layout has been uprev'd to a higher layout database version (for example, 23.1) while the Pulse server is on a lower version (for example, 22.1).

Solution: Upgrade the server to release 23.1 or higher to ensure that the layout is attached.

CCMPR02864825: PDF generation fails for DE-HDL designs in Publish for Manufacturing

Description: On machine with a new Cadence installation, generating a PDF for a DE-HDL design displays the Cadence Doc Assistant dialog box. On clicking OK to close the box, Publish for Manufacturing fails to generate the PDF.

Workaround: Launch Publish for Manufacturing again to generate the PDF.

CCMPR02815104: Owner attribute update in Library Synchronization generates an error

Description: Owner attribute update in Library Synchronization with 3DEXPERIENCE generates an error.

Solution: The username specified in the *PLM Connection* page during Library Synchronization configuration must have the permission to create parts and update all mapped attributes. The owner attribute value is set when the part is created and is not enabled for update.

CCMPR02839615: Properties on part with empty values are not synced in the Pulse to PTC Windchill flow

Description: Because blank values in Allegro EDM cannot be passed to the Windchill Classification attributes, the Allegro Pulse to PLM synchronization cannot clear Windchill Classification attribute values and generates an error message about attributes not synced due to empty values.

Workaround: *None*

CCMPR02859959: Newly linked board is seen as local until the design is reloaded in System Capture

Description: When a new layout is linked to the schematic, it might not immediately be displayed in the project panel for all System Capture users.

Workaround: Reload the project to refresh the managed layouts and their status.

CCMPR02767952: Issues with filters and the library-cell feature

Description: When working in the individual and multi-user modes of System Capture, issues with filters and the library-cell feature might be encountered.

■ In the individual mode of System Capture:

- ❑ `ALT_SYMBOLS` attributes can be searched using free-text. However, filtering for a specific alternate symbol or searching for alternate symbols with a specific orientation (for example, top, bottom, internal) is not possible.
- ❑ Unified Search is not able to search for values that contain an empty string.

Workaround: To find these values, perform a broad search and sort the results to find empty entries.

- ❑ Filtering does not honor all permutations of an attribute name when defined in different case combinations. Some results might be excluded when the attribute name case varies (for example, `VALUE` vs. `Value`).

Workaround: Ensure that all attributes have a consistent font case in the library for filtering to work as expected.

■ In the multi-user mode of System Capture, that is, when connected to a remote Pulse server, queries on the `LIBRARY` attribute, which include regular expressions or wildcards, do not return results.

Workaround: Perform the query using the default substring match, which has no wildcards, or with filters and facets to narrow down the search results.

CCMPR02810168: Error creating a project or opening an existing project when a HotFix is installed without first shutting down the Pulse client connection

Description: Unexpected errors might be seen in System Capture or the Allegro layout editors when a HotFix is installed while the Pulse client is still running.

Workaround: Users can verify whether the version that the Pulse client is running matches the HotFix they installed by right-clicking the Pulse icon and selecting *Manage*.

CCMPR02849970: Layouts shared other team members cannot be viewed by them in the same System Capture session

Description: In System Capture, newly linked layout designs through Pulse might not be visible in the user's Project explorer panel immediately.

Workaround: Close and reopen the project to refresh the set of linked layouts.

CCMPR02825153: Managed layout ordering needs to be fixed in System Capture and web dashboard

Description: In the Pulse web dashboard, the layout selection drop-down list in the project view under the *LAYOUT* tab is not in alphabetical order.

Solution/Workaround: *None*

CCMPR02857281: Project tab continues to show older layout as a copied one even though it has been committed to Pulse

Description: When a layout is copied to the disk in a project's physical directory, and is then committed in an Allegro layout editor, the Pulse-managed layout status might not reflect correctly.

Solution: Close and reopen the project.

CCMPR02867566: Renaming issues with managed layouts

Description: When working with managed layouts, avoid copying the file on disk and keeping multiple copies of the same managed layout in the user's workspace. If there are multiple copies, some user actions can result in unexpected statuses displayed in the System Capture project panel.

Workaround: If unexpected states are displayed, close and reopen the project. If this does not resolve the displayed statuses, delete any copies of the managed layout in the physical directory and reload the project.

CCMPR02860368: Random issue of all Pulse operations failing in System Capture

Description: In rare cases, errors might be experienced in System Capture when attempting to communicate with the Pulse server. This can display errors such as "ERROR (CPBF-147) : Cannot update the associated object because of an internal error. Retry and if the problem persists, contact the administrator."

Workaround: If this condition occurs, verify that the Pulse connection is in the RUNNING state and restart System Capture to reinitialize the server-client communication.

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Known Problems in Release 23.1

Known Problems in Older Releases

The following is the list of CCRs from previous releases:

- CCMPR02672844: Even when the light theme is set as preference, the symbol graphics are displayed in dark theme
- CCMPR02579746: Cannot create SSO connection using Pulse master node URL for PTC Windchill
- CCMPR02613135: Version independence is not supported for Publish for Manufacturing
- CCMPR02615169: Write permission denied on Allegro EDM Data Exchange log file when running PFM with Pulse master node as a service
- CCMPR02600459: Web Participant Project Dashboard search results disregard library mode selection
- CCMPR02616837: Pulse data restore fails with Pantheon out-of-memory errors
- CCMPR02472275: Unified Search should support model classifications
- CCMPR02479959: Changing display theme does not automatically refresh the part preview
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- CCMPR02490730: PFM in maintenance mode even after Pulse server restart
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- CCMPR02501657: Stale block entries in the Share Design GUI for blocks deleted from the design
- CCMPR02486605: Users are able to lock a block that is no longer assigned to them
- CCMPR02339879: Unable to save or commit a design because of an error
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- CCMPR02249470: Allegro System Capture needs to be relaunched post restore to see correct versioning
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- CCMPR02264548: If download directory path cannot be resolved in shared design environment, System Capture displays library-related errors for external parts
- CCMPR02256217: Variant operations do not work when the root design is locked by another user
- CCMPR02252362: Issue with global or local cells with the same name in a library
- CCMPR02263862: Live BOM count is not reset
- CCMPR02162229: Inconsequential errors reported in the Alert pane in Part Information Manager when Allegro EDM 17.4 points to a 17.2 EDM library server
- CCMPR02148634: Pulse dashboard not supported on some versions of Microsoft Edge
- CCMPR02065246: Pulse icon not available in the system tray in a Linux machine
- CCMPR02127963: Pulse Manager might not read the available disk space correctly on Linux when a quota is set by the administrator

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- CCMPR02141273: Allegro System Capture users cannot work on more than one Linux machine simultaneously
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- CCMPR02162778: Library Search does not load any data when cds.lib contains trailing space characters
- CCMPR02135255: Using the File — Open menu command when the Flow Manager Project tab is open generates an exception
- CCMPR01472239: When checking out a previous version of a design object, the DCF file is not being regenerated.
- CCMPR01540089: A block deleted after rollback can still be seen in Part Information Manager
- CCMPR01547325: Regardless of the selection, a project becomes the active project after the Join Project operation
- CCMPR01206033: Physical view marked as an unauthorized modification when a new Allegro EDM board_ref project is opened in Design Entry HDL
- CCMPR01544402: Renaming a page in DE-HDL is not undone when a user does an Undo Check Out operation
- CCMPR01545368: Exit DE-HDL to enable a project for team design on a server where you do not have integrator rights
- CCMPR01539493: A page inserted in version 2 of a design object is shown as an unauthorized modification when the previous version of the object is checked out
- CCMPR01518423: New variants are not reflected in the View Variant Schematic, Edit Variant menu options
- CCMPR01070834: Schematic check-in is not possible after rollback to a version which does not have derived output
- CCMPR01034285: The history_lib folder is lost after enabling a project for team design
- CCMPR01041720: Deleting partitions and saving the master board file does not refresh the Allegro Design Management Dashboard
- CCMPR01429160: During check-in, Allegro Design Management crashes after you update or replace a deleted part through LRM
- CCMPR01234268: Allegro Design Management does not recognize a new block as new if it has the same name as a deleted block

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- CCMPR01131633: Allegro Design Management crashes when checking in project settings after deleting or renaming an object in the policy file
- CCMPR01515520: Unable to rename the SPLIT_BLOCK_NAME property on split symbols in a design management project
- CCMPR01528279: User-defined global object check-in fails with the error that there is no content
- CCMPR01460768: Pages are removed from Allegro Design Management after changes to the .cpm file
- CCMPR01540078: Java exception during page/schematic update
- CCMPR01891804: Part Information Manager stops responding on selecting a cell if the shopping cart filter drop-down list is left expanded
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- CCMPR00689025: Quick Pick browser displays parts with life cycle action
- CCMPR00686521: Part Information Manager in cache mode does not refresh the library list when launched from outside Design Entry HDL
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- CCMPR01149343: Block Flow: Running LRM Update when blocks with the same name are in worklib and relib leads to loss of local blocks
- CCMPR01147334: Block Flow: Reusable blocks imported from a cached project are imported into worklib of the destination project
- CCMPR00887579: Shopping cart in shared area gets duplicate part rows after running LRM update for key property change during check in
- CCMPR00719813: Library Revision Manager (LRM) reports only those deleted parts that are added in design

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- CCMPR00443683: Library names with special characters are written to the project CPM in the name space format
- CCMPR00681638: Library Distribution ignores the catgen and ptfgn settings in the lib_dist.ini file
- CCMPR00401862: Create Shopping Cart step fails in design migration when design physical library name is other than worklib
- CCMPR01788001: Part classification property cannot be deleted if it is an inherited or overridden property
- CCMPR01737651: Multiple issues when a property is part of a Capture and Schematic Model
- CCMPR01509460: Multiple Library Revision (MLR) flow breaks when a standard model library is renamed during the uprev process if standard, and cell models are in the same library
- CCMPR01143846: Block Flow: Block model cannot identify any change in the logical cells
- CCMPR01277079: Duplicate parts are not updated using the part.mapping.apply.all setting when we you specify only relations
- CCMPR00851915: Data Exchange does not support the compound model
- CCMPR01156739: Module revision does not work in the Symbol Revision Manager flow
- CCMPR01097180: Rollback flow in SRM works only if you specify a dot (.) in the PSM path as its first entry.
- CCMPR00856800: Rollback does not show comments
- CCMPR00684587: Library names of mechanical schematic models cannot be modified
- CCMPR00701521: Library Import multiple edit interface does not save all parts
- CCMPR00691015: Allow the addition of mechanical parts and kits to PPLs
- CCMPR01702457: Allegro EDM-CIS Derive Database Part option is not usable as the DB is always getting regenerated
- CCMPR01072819: JLP site users need to depend on Master site for getting uprevd database as part of sync process
- CCMPR01072818: Deleting parts/models in a JLP site

CCMPR02672844: Even when the light theme is set as preference, the symbol graphics are displayed in dark theme

Description: Even if the light theme is selected as a preference, symbols are displayed in the dark theme in the *Part Details* section of the Properties panel.

Solution: *None*

CCMPR02579746: Cannot create SSO connection using Pulse master node URL for PTC Windchill

Description: SSO connector creation is unsuccessful when launching ECAD Administration Portal from the Pulse master node URL. For example, `https://<Pulse access URL>/epsom`.

Workaround: Launch ECAD Administration Portal from the Pulse client URL. For example, `http://<client Pulse access URL>/epsom/`

CCMPR02613135: Version independence is not supported for Publish for Manufacturing

Description: Publish for Manufacturing (PFM) displays inconsistent behavior if the PFM client version is different from the Pulse master node. For example, if the client machine is at 17.4-2019 HotFix 028 but the Pulse master node is at 17.4-2019 HotFix 027, PFM might display all the templates instead of templates only for selected connectors.

Solution: Ensure that both the Pulse master node and the PFM client on the same version of the HotFix.

CCMPR02615169: Write permission denied on Allegro EDM Data Exchange log file when running PFM with Pulse master node as a service

Description: The Library Synchronization utility might not be able to write `/tmp/sync.log` as part of the background Allegro EDM Data Exchange run when the Pulse master node is started as a service.

Solution: *None*

CCMPR02600459: Web Participant Project Dashboard search results disregard library mode selection

Description: Project Dashboard Unified Search is not aware of multi-index configuration for unmanaged libraries.

Workaround: Use Unified Search from Allegro System Capture to view library content for the configured, unmanaged library index.

CCMPR02616837: Pulse data restore fails with Pantheon out-of-memory errors

Description: Pulse data cannot be restored because of Pantheon out-of-memory errors.

Solution: Ensure that all service memory allocations are updated prior to running the restore operation. Contact Cadence Customer Support for details on how to increase memory allocation, if additional details are required.

CCMPR02472275: Unified Search should support model classifications

Description: The *Classification* search filters/facets are applicable to part classifications only. Incorrect search results are displayed for schematic models. The Classification filters applied to non-part search results, such as schematic models, are not applied on the part classification instead on the schematic classification.

Solution: None

CCMPR02479959: Changing display theme does not automatically refresh the part preview

Description: On changing the display theme, the part preview in the Part Details tab continues to display in the old theme.

Workaround: To view the part preview in the modified theme, select another part and then select the earlier part again.

CCMPR02478997: PFM requires client Pulse restart and re-login

Description: Designers might get the following error in Publish for Manufacturing if they do not complete the data publishing process within 75 minutes of logging in because the PLM authentication token expires:

ERROR (COM-10010): Cannot complete the operation because the request at 'https://<machine name>.global.cadence.com:<port>/as/token.oauth2' failed with response code 400. Check the Pulse logs for more details.

Solution: To address this error, restart the Pulse client, and log in to Publish for Manufacturing again.

CCMPR02490730: PFM in maintenance mode even after Pulse server restart

Description: Publish for Manufacturing continues to be in the maintenance mode even when the Pulse server is restarted in the background. The state is not updated even if you log in again.

Solution: Exit and restart Publish for Manufacturing.

CCMPR02498871: Cannot remove user assignment from block after switching pages ON for the block

Description: When a design project team member is added to a block, the permission on the block is `Object assigned`. When page-level design is switched ON for this block, the permission on the block changes to `Inherited`. As a result, the user access to this schematic cannot be removed. As the user was added to the block originally, System Capture now treats the block node as a schematic.

Solution: Remove the user from the design to remove all user assignments to blocks, symbols, and other design objects. Then reassign the required objects to this user.

CCMPR02501657: Stale block entries in the Share Design GUI for blocks deleted from the design

Description: System Capture continues to display entries for deleted blocks in the *Share* dialog box. For example, System Capture displays designers with permission to a block that has been deleted from the design.

Solution: None

CCMPR02486605: Users are able to lock a block that is no longer assigned to them

Description: In team design mode in System Capture, users are able to lock a block even after they are removed from the block by the design owner.

Solution: After a user is unassigned from a block, right-click the locked node in the project panel and select *Release Lock*.

CCMPR02339879: Unable to save or commit a design because of an error

Description: Users are not able to save or commit a design because of the 'unable to find object' error. This occurs when a specific version of the current project is missing in the Pulse server, though the master design ID for the project exists.

Solution: None

CCMPR02304904: Setting local CDS_SITE should not be required for Pulse master node with unmanaged library

Description: Symbols are not loaded when placing parts in a design when connecting to a Pulse master node—the remote URL—with unmanaged libraries. This happens when the CDS_SITE variable is not set on the client machines.

Solution: None

CCMPR02335387: Duplicate Library handling across two LDAX is not managed across all tools consistently

Description: Duplicate libraries are not handled consistently across applications. For example, if two LDAX libraries with unique parts are configured for a project, such as `createlib.ldax` and `implib.ldax`, the Allegro System Capture project tree displays one library as disabled. However, Unified Search displays parts from both libraries.

Solution: None

CCMPR02349386: Users cannot place parts with duplicate models across LDAX with the same library

Description: With duplicate models across LDAX with the same library name, parts cannot be placed from such libraries in the design although Unified Search displays the parts in the search results. No error is displayed in this case.

In case users have configured only one LDAX, placed a few parts, and then added another LDAX with duplicate models with the same library name, the status of the parts added in the canvas moves from in-sync to not-in-sync.

Solution: None

CCMPR02208266: Newly registered users on the Pulse platform are not displayed in Allegro System Capture in the same session

Description: Newly registered users on the Pulse platform are not displayed in Allegro System Capture unless the application is restarted.

Workaround: Wait for a minute because users are reflected in Allegro System Capture one minute after being registered on the Pulse platform.

CCMPR02260461: Some features are not supported in the MLR environment or in site-specific configuration

Description: Part request functionality is not supported in Pulse running in an MLR environment or in a site-specific configuration.

Solution: None

CCMPR02249055: Some features are not supported when 17.4-2019 Allegro System Capture points to a 17.4-2019 HotFix 007 Pulse master node

Description: In a multi-user environment, Unified Search, the part request functionality and Live BOM are not supported when Allegro System Capture 17.4-2019 version points to a Pulse Master node on 17.4-2019 HotFix 007 version.

Solution: None

CCMPR02264960: Part Manager indicates that local parts are out of sync in a multi-user environment

Description: In a multi-user environment, if a design has external parts from SamacSys or Ultra Librarian, Part Manager prompts users about parts being out of sync.

As Allegro System Capture considers parts from external part providers as local parts, Part Manager displays the status of these parts as *Manual Sync*. As a result, packaging the design to generate PST files or creating variants fails.

Solution: For shared designs, the libraries should be managed centrally on the Pulse platform. If designers download external parts into their designs, they must ensure that they request librarians/administrators to add these parts to the reference library, managed centrally on the Pulse platform.

CCMPR02235324: Changes by administrators to Unified Search configuration are applied for a designer only when the tool is relaunched

Description: In a multi-user environment, if an administrator modifies the Unified Search configuration for content providers after a designer has already launched System Capture, the designer must launch Allegro System Capture again for the administrator's changes to be reflected.

For example, if designers access Unified Search before the administrator configures the providers, designers see the login dialog box for both Ultra Librarian and SamacSys. Even if the administrator disables access to Ultra Librarian, designers continue to see both providers until they restart System Capture.

Solution: None

CCMPR02249470: Allegro System Capture needs to be relaunched post restore to see correct versioning

Description: If an Allegro System Capture shared design is open on machine X and data is restored on a Pulse data node where the design was at a higher version number, the old version number is still visible in the tool tip in machine X.

Workaround: To view the correct version number of the design, close and launch System Capture again.

CCMPR02255633: No lock icon seen when editing project settings

Description: When a user edits the project settings of a design, no lock icon is displayed. As a result, when other users try to edit the settings, they are warned that they cannot edit because the settings are locked by another user.

Solution: None

CCMPR02220215: A message flags failed versioning even though the SDAX file is updated on saving

Description: Team members of a shared design work on design objects and save them. However, if the locks on these objects are removed by the design author/owner before the design could be saved, an incorrect message is flagged about failed versioning even though the SDAX file is updated.

Solution: None

CCMPR02241373: Object unlocking is not refreshed

Description: In a shared design environment, even after an object is unlocked by a design owner, design team members continue to see the lock against the object in the Project tab. The lock icon disappears only after users hover the mouse over the Project tab.

Solution: None

CCMPR02264548: If download directory path cannot be resolved in shared design environment, System Capture displays library-related errors for external parts

Description: System Capture caches external parts downloaded from content providers, such as Ultra Librarian or SamacSys. As a result, when users who have not downloaded external source parts join projects with external source parts, System Capture displays the design without any issues.

However, if System Capture cannot resolve the download directory path, System Capture displays library-related warnings to designers. Further, if a System Capture designer downloads any external vendor parts after joining a project, System Capture adds duplicate entries for the external source in `cds.lib`.

Here is a sample `cds.lib` file with this issue:

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```
DEFINE worklib ./worklib

INCLUDE "$CDS_SITE/cdssetup/cds.lib"

DEFINE samacsys $HOME/downloaded_parts/samacsys/dehdl

DEFINE ultralibrarian $HOME/downloaded_parts/ultralibrarian/dehdl

DEFINE samacsys $HOME/downloaded_parts/samacsys/dehdl
```

Solution: None

CCMPR02256217: Variant operations do not work when the root design is locked by another user

Description: In a shared design environment, when the root design is locked by another user and packaging information is not up to date, you cannot perform variant operations such as switching to the variant view mode or launching Variant Editor.

Solution: None

CCMPR02252362: Issue with global or local cells with the same name in a library

Description: Global or local cells with the same name in a library cannot be placed in a design.

Solution: None

CCMPR02263862: Live BOM count is not reset

Description: The Live BOM count is not reset to zero even if all parts in a design are deleted.

Solution: None

CCMPR02162229: Inconsequential errors reported in the Alert pane in Part Information Manager when Allegro EDM 17.4 points to a 17.2 EDM library server

Description: When an Allegro EDM 17.4-2019 setup points to a 17.2-2016 EDM library server using the `CDS_UCBCLIENT_PATH` variable, it works without issues. However, the Alert pane in Part Information Manager displays errors, which do not impact component search or placement.

Solution: None

CCMPR02148634: Pulse dashboard not supported on some versions of Microsoft Edge

Description: Versions of Pulse dashboard services, such as the Athena service, are not supported on some versions of Microsoft Edge.

Workaround: Use a different browser, such as Google Chrome or Firefox, to access the Pulse dashboard.

CCMPR02065246: Pulse icon not available in the system tray in a Linux machine

Description: Although all services are running, the Pulse icon is unavailable in the system tray of some Linux distributions.

Workaround: When you launch Pulse-enabled System Capture for the first time, you are prompted to check the location of the Pulse home. This message also contains a port number.

To open the Pulse Manager browser page, open a web browser and navigate to `http://<client machine URL>:<port in the message>/element` to view Pulse Manager.

CCMPR02127963: Pulse Manager might not read the available disk space correctly on Linux when a quota is set by the administrator

Description: The Pulse server does not report an error even when the `$HOME` disk quota is full. It does not do so even when the `quota` command is manually run.

This is specific to the quota only and not the total free disk space.

Solution: None

CCMPR02141273: Allegro System Capture users cannot work on more than one Linux machine simultaneously

Description: If you work in the individual mode of Allegro System Capture and not in the multi-user mode, you can run Allegro System Capture on only a single host as the user home is common.

Workaround: Ensure that Allegro System Capture is active on only one Linux machine per user at any given point of time. If System Capture is running on multiple Linux machines per given user at the same time, close all System Capture sessions except the one you want to actively work on.

CCMPR02141986: Cells with the same name in the local and site libraries are displayed during part search

Description: When cells with the same name are in the local as well as site libraries, both cells are displayed when an Allegro System Capture user searches for parts in the local library.

Solution: None

CCMPR02162778: Library Search does not load any data when cds.lib contains trailing space characters

Description: When the `cds.lib` file of a project contains trailing space characters—spaces at the end of a line—library search does not load any data. As a result, library search is blank when it opens.

Solution: None

CCMPR02135255: Using the File — Open menu command when the Flow Manager Project tab is open generates an exception

Description: Using the *File — Open* menu command to open another project when the Flow Manager Project tab is already open generates a `PrivilegedActionException` exception.

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Solution: None

CCMPR01472239: When checking out a previous version of a design object, the DCF file is not being regenerated.

Description: Stale nets are retained between different versions of a design in the DCF file and are searchable as well.

1. For example, check out page 6.
2. Launch DE-HDL.
3. Add a new net to page 6, say `test_net`.
4. Check in the page.

The page is now version 2.0.

5. Check out the previous version of page 6 and check it in.

The new net that was added in version 2.0 – `test_net` – persists in the DCF file, indicating that the DCF file was not regenerated when you checked out the previous version.

Workaround: To remove stale nets from the DCF file, run *Audit – Obsolete Objects* in Constraint Manager.

CCMPR01540089: A block deleted after rollback can still be seen in Part Information Manager

Description: If you delete a block after rolling back a page, the block is still visible in Part Information Manager in the same session.

Workaround: Reload the design in DE-HDL. The deleted block is removed from Part Information Manager.

CCMPR01547325: Regardless of the selection, a project becomes the active project after the Join Project operation

Description: After you join a project from DE-HDL, Allegro Design Management prompts you to make the project the active project. Regardless of which option you choose, the project you just joined is made the active project in DE-HDL.

Solution: None

CCMPR01206033: Physical view marked as an unauthorized modification when a new Allegro EDM board_ref project is opened in Design Entry HDL

Description: When you open a new Allegro EDM `board_ref` project in Design Entry HDL and do not save it, Allegro EDM marks its physical view as an unauthorized modification.

Solution: After you create a Allegro EDM `board_ref` project, open it in Design Entry HDL and save it. Next, enable the project for team design before you modify the design.

CCMPR01544402: Renaming a page in DE-HDL is not undone when a user does an Undo Check Out operation

Description: Check out a page from DE-HDL, rename it, and then undo the check-out. DE-HDL continues to retain the modified page name.

Solution: None

CCMPR01545368: Exit DE-HDL to enable a project for team design on a server where you do not have integrator rights

Description: In DE-HDL, when you attempt to enable a project for design management by logging into a server where you do not have integrator rights, a message is displayed that only users with integrator rights can enable projects for design management.

Ideally, after this message, if the user attempts to enable design management again, another SharePoint login dialog should appear.

Workaround: To work any further on DE-HDL, you must exit DE-HDL and relaunch it because the login information has already been cached.

CCMPR01539493: A page inserted in version 2 of a design object is shown as an unauthorized modification when the previous version of the object is checked out

Description:

1. Enable a project for design management by selecting the page-level option.
2. Check out a page, say `page1`.
3. Insert a page, and check in the schematic.

`Page1` now becomes `page2` and the inserted page becomes `page1`.

4. Now, revert to 1.0 by checking out the previous version of `page2`.

`Page1` is now marked as an unauthorized modification. Ideally, `Page1` should be deleted and the current page should become `page1`.

In this case, both `Page1` and `Page2` have the same content which leads to the unauthorized modification state of `Page1`.

Solution: None

CCMPR01518423: New variants are not reflected in the View Variant Schematic, Edit Variant menu options

Description: When a user creates a variant and checks it in, and another user updates the variant view from the Allegro Design Management dashboard in DE-HDL, the new variant is visible in Variant Editor and the corresponding `.ba` file is generated. However, the new variant

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is not visible in the *Variants — Edit Variant* or *Variants — View Variant Schematic* menu options in DE-HDL.

Workaround: To view the new variant, save the variant in Variant Editor. The new variant will then be visible in DE-HDL.

CCMPR01070834: Schematic check-in is not possible after rollback to a version which does not have derived output

Description: If you check out a previous version of a schematic that is different from the current version only because of derived data output, the schematic cannot be checked back in. Allegro Design Management will fail to detect any changes done during the version rollback. In addition, the derived output generated from the current version will be seen with the checked-out version now.

Solution: To check in the schematic, make a dummy change in the schematic object.

CCMPR01034285: The history_lib folder is lost after enabling a project for team design

Description: After you enable a project for team design, the data in the `history_lib` folder is lost because it is not saved in the Shared Area. As a result, a team member joining the project cannot roll back components in design blocks.

Solution: None

CCMPR01041720: Deleting partitions and saving the master board file does not refresh the Allegro Design Management Dashboard

Description: If you check out a design and delete a partition using Workflow Manager in Allegro PCB Designer, the deleted partition is not removed from the Allegro Design Management Dashboard.

Solution: None

CCMPR01429160: During check-in, Allegro Design Management crashes after you update or replace a deleted part through LRM

Description: When you check in a design whose object has been deleted from the Allegro EDM Component Database, LRM opens. After you update or replace the deleted object, Allegro Design Management crashes.

Solution: Launch Allegro Design Management again and check in the object.

CCMPR01234268: Allegro Design Management does not recognize a new block as new if it has the same name as a deleted block

Description: If a user deletes a block and adds another block with the same name, other users in the team do not see the correct version of the block. The other users either:

- do not see any notifications because the versions may be the same
- see the block as an unauthorized modification because the block version in the local work area is higher than the work area version

Further, because Allegro Design Management does not recognize the original block as deleted, it is not removed from the work area of other users.

Solution: After any user deletes a block, other team members must update their work area before a block with the same name is added.

CCMPR01131633: Allegro Design Management crashes when checking in project_settings after deleting or renaming an object in the policy file

Description: Allegro Design Management does not allow objects to be renamed, or deleted from the policy file after they are enabled for team design because the objects have already been created in the database. If you modify the policy file to delete or rename an object after it has been enabled for team design, Allegro Design Management might crash or not work correctly.

Solution: Objects should be renamed or deleted before they are enabled for team design.

CCMPR01515520: Unable to rename the SPLIT_BLOCK_NAME property on split symbols in a design management project

Description: Consider the following scenario: a design contains a block that has two pages. The block is assigned to two users. There is a split block symbol with the same name on both the pages.

User1 has checked out page 1 and User2 has checked out page 2. When User1 tries to modify the SPLIT_BLOCK_NAME property on page 1, DE-HDL does not allow it because the user is not assigned to page 2.

Solution: None

CCMPR01528279: User-defined global object check-in fails with the error that there is no content

Description: If you enable a project for design management, then check out a global object and modify it by creating a folder and files, checking out the previous version of the project deletes the files in the global object folder.

As a result, a check-in of the previous version of the project fails with the error that there is no content in the folder.

Solution: None

CCMPR01460768: Pages are removed from Allegro Design Management after changes to the .cpm file

Description: User1 enables a project for design management without selecting the file-level and page-level management options. Another user, User2, joins the project. Meanwhile, User1 enables page-level management for a few blocks. User2 updates the project and checks out the project_settings global object, modifies it, then checks it in.

When User1 updates the project, all the pages in the project are deleted because page-level management is not enabled in the project_settings global object that User2 modified.

This issue does not occur with board files, or when a design has packaged and physical views.

Solution: None

CCMPR01540078: Java exception during page/schematic update

Description: A Java exception occurs when a user updates a page, such as V1.0, for which a later version is already available in the shared area, but the user's dashboard is not yet refreshed.

Solution: None

CCMPR01891804: Part Information Manager stops responding on selecting a cell if the shopping cart filter drop-down list is left expanded

In the metadata mode, Part Information Manager stops responding if the shopping cart drop-down list is left expanded in the Results pane, and the user then selects a cell.

Workaround: Click again anywhere in the Part Information Manager dialog then select the required cell again.

CCMPR01736514: Link to properties are not searchable in Allegro Database Editor, Part Information Manager

Description: The Link To property uses a combination of properties. For example, DESCRIPTION can be a combination of PART_NAME, VALUE, JEDEC_TYPE. There should be a way for librarians to search the DESCRIPTION property and filter the data based on search criteria.

There should also be an auto-suggest feature when designers specify search criteria, say 10K in the Description column.

Solution: None

CCMPR01188231: On some systems, Part Information Manager fails to connect to the Allegro EDM Component Database if the HTTP_PROXY variable is set

Description: If you are using the HTTP_PROXY variable for programs such as `wget`, `curl`, and `perl`, Part Information Manager may not be able to connect to the Allegro EDM Component Database.

Solution: Unset the value of the HTTP_PROXY variable in the `<startworkbench>` script:

set HTTP_PROXY=

CCMPR00422977: Parts for a library and cell do not refresh in Part Information Manager when you add them to a design

Description: If you launch Part Information Manager in the database mode from Flow Manager then launch Allegro Design Entry HDL and add a part to the design, the part is cached and refreshed in Allegro Design Entry HDL.

However, if you switch to the cached mode of Part Information Manager, the newly added library cell is not visible. However, when you launch Part Information Manager from Allegro Design Entry HDL, the up-to-date libraries, cells, and parts are visible.

Solution: None

CCMPR00689025: Quick Pick browser displays parts with life cycle action

Description: In Part Information Manager, the Quick Pick browser shows the *Do Not Show* parts if the parts are already there in the XML.

Solution: *None*

CCMPR00686521: Part Information Manager in cache mode does not refresh the library list when launched from outside Design Entry HDL

Description: A newly cached library is not listed in Part Information Manager if two instances of the application are launched — one from Allegro EDM Flow Manager and another from Design Entry HDL.

Additionally, when Part Information Manager is launched from Design Entry HDL, and you switch between the *cache* and *database* modes, warnings about the entry in `cds.lib` file appear.

This does not happen if Part Information Manager is launched from Design Entry HDL.

Solution: None

CCMPR00447136: Add/remove in shopping cart works on filtered part rows

Description: When you filter search results in Part Information Manager then select multiple part rows and add them to the shopping cart in the *Search Results* tab, filtered part rows that are not selected but are between the selected rows are also added to the Shopping Cart.

Part Information Manager behaves in a similar manner when you remove multiple part rows from the Shopping Cart tab.

Solution: None

CCMPR00456086: Compound unit search not working

Description: In Part Information Manager, using compound units as search criteria may not return expected results. For example, if you run a search with the unit `volt/ampere`, no search results appear. The search results appear correctly when you enter the unit as `ohm`, however.

Solution: None

CCMPR01512275: When importing a cache-enabled design block, cells in the block are displayed with version 0.0.0 if the same block is in the reference library

Description: When importing a cache-enabled design block that already exists in the reference library (`pcbaw_lib`), LRM displays the cell version as 0.0.0 in the block, although the block has the correct version of the cells in the design.

Solution: None

CCMPR01149343: Block Flow: Running LRM Update when blocks with the same name are in worklib and reflib leads to loss of local blocks

Description: When LRM notifies you that there exists a reusable block of the same name in both `worklib` and `reflib`, and you click *Update*, the block from `worklib` is deleted. The block from `reflib` is then copied to
`<design_project_name>\flatlib\model_block`.

Solution: Rename your local block in Design Entry HDL using the copy project functionality to avoid conflict.

CCMPR01147334: Block Flow: Reusable blocks imported from a cached project are imported into worklib of the destination project

Description: When a reusable block is imported into an Allegro EDM cache-enabled design project, it is being saved in worklib instead of

`<design_project_name>\flatlib\model_block.`

Solution: When you run LRM, it notifies you of the existence of a reusable block in reflib. As a result, clicking Update imports this block to the following location:

`<design_project_name>\flatlib\model_block`

CCMPR00887579: Shopping cart in shared area gets duplicate part rows after running LRM update for key property change during check in

Description: If you check in a schematic whose parts have key properties that have changed in the reference library, LRM comes up. When you update these parts, instead of replacing the part whose key property changed, LRM creates a duplicate part with the updated key property in the shopping cart in the Shared Area. Both, the old, and the new key properties are available.

Solution: None

CCMPR00719813: Library Revision Manager (LRM) reports only those deleted parts that are added in design

Description: By default, LRM works on the cache and the design and reports all metadata and PTF changes for all cells and parts in the cache and design.

If a part that was deleted in the reference library is used in a design, LRM reports that the part is not in the reference library. This information is available in a report that is generated in LRM. However, if a part is available in the cache but is not used in the design, the LRM report does not include such parts.

Solution: Run the `design_report` command with the `-shoppingcart` option on the Allegro EDM prompt.

PCB Cache

CCMPR00443683: Library names with special characters are written to the project CPM in the name space format

Description: Library names with special characters, such as space or comma, are written to the project `.cpm` file in the name space format instead of the file system format. This causes multiple entries for the same library and you cannot add parts to the design. For example:

Consider the following library name: `atp#20lib##2fp#2dd`

On caching, the entry in:

- The `cds.lib` is:

```
DEFINE atp#20lib##2fp#2dd ./flatlib/model_sym/atp#20lib##2fp#2dd
```

- In the project `.cpm`, the entry is written as:

```
'atp lib#/p-d'
```

Design Entry HDL treats these as different libraries.

Solution: Avoid using special characters in library names.

CCMPR00681638: Library Distribution ignores the catgen and ptfggen settings in the lib_dist.ini file

Description: The `.cat` and `.ptf` files are generated even when you set the `catgen` and `ptfggen` options to *off* in the `lib_dist.ini` file.

Solution: None

CCMPR00401862: Create Shopping Cart step fails in design migration when design physical library name is other than `worklib`

Description: If you run the design migration utility for designs whose design libraries are in a directory with a name other than `worklib`, design migration stops at the Create Shopping Cart step with the following error: `Sir file load failed.Please regenerate the sir file.`

Solution: Ensure that the physical and logical libraries of the design to be migrated are in the `worklib` directory.

CCMPR01788001: Part classification property cannot be deleted if it is an inherited or overridden property

Description: Assume that you have a property in a schematic classification and part classification. If you define the property as a Link To property in the schematic classification, Allegro EDM prompts you to delete the property from the part classification to ensure that the Link To property value is reflected in the Part Details screen.

However, if the property in the part classification is inherited from the parent classification, or is overridden, you cannot delete the property.

The error message does not mention this, and because the user is unable to delete the property from the part classification, the property value in the Part Details screen will not be changed. As a result, the Part Details screen displays one property value, and the PTF has another value.



The PTF generated contains the correct property value since the user has defined the property value in the schematic classification. Part Information Manager also displays the updated Link To property value.

Solution: None

CCMPR01737651: Multiple issues when a property is part of a Capture and Schematic Model

Description: Assume that a property, for example, DESCRIPTION, is in a Capture and Schematic Model. Allegro EDM allows properties to be deleted from the part classification even when they are in the Capture model classification. As a result, in the Capture data, the deleted property value is null.

In addition, if you try and delete the property from the part classification, the error message that is displayed does not mention Capture.

Solution: None

CCMPR01509460: Multiple Library Revision (MLR) flow breaks when a standard model library is renamed during the uprev process if standard, and cell models are in the same library

Description: Consider a case where a standard model, `mypage` and a cell model, `mycell`, are in the same library — `mylib`. Further, the `myblock` block contains both `mypage` and `mycell`.

After MLR distribution, `mycell` remains in `mylib` whereas `mypage` moves to the standard library, `std_mylib`. The metadata of `myblock` continues to refer to `mylib` whereas, in the `reflib` folder, `mypage` has moved to `std_mylib`. As a result, Library Revision Manager (LRM) appears and displays a library mismatch error.

Solution: Specify different libraries for standard models and cell models in the existing source component database. Before running the MLR library distribution process, change the library association for either standard or cell models and then update the blocks accordingly. This ensures that the library does not contain both types of models.

CCMPR01143846: Block Flow: Block model cannot identify any change in the logical cells

Description: Allegro EDM does not support logical cells in the component database. As a result, there is no relation between block models and logical cells, and any changes in the logical cells cannot be recognized by Database Editor. However, LRM notifies you of any change in the logical cells and shows the differences when there is a mismatch because of logical cells modification.

Solution: When LRM notifies you of any change in the logical cells, designers should inform the librarian.

CCMPR01277079: Duplicate parts are not updated using the `part.mapping.apply.all` setting when we you specify only relations

Description: When using the `part.mapping.apply.all` setting, if you specify only relations in `import.xml`, only the first duplicate part entry that is found is updated.

Solution: Duplicate parts are updated only when you specify both the parts and their relations in `import.xml`. Using the `part.mapping.apply.all` setting is not recommended to handle identical part numbers. Instead, use the `import.sync.properties` setting to specify the sync properties to be used for resolving identical part numbers.

CCMPR00851915: Data Exchange does not support the compound model

Description: If you select compound models, such as DML cap* models, and export them from the Search results grid, Data Exchange creates DISCRETE.1_0_0.0.DML.dmls with complete models in the file. Instead, it should recognize these models as compound models and send or receive only the selected models.

Solution: None

CCMPR01156739: Module revision does not work in the Symbol Revision Manager flow

Description: If a module used in a design has been modified and an updated version is available in the library, Symbol Revision Manager is launched but will not replace the existing module with the latest version.

Solution: None

CCMPR01097180: Rollback flow in SRM works only if you specify a dot (.) in the PSM path as its first entry.

Description: Rollback flow in SRM works only if you specify a dot (.) in the PSM path as its first entry.

Solution: None

CCMPR00856800: Rollback does not show comments

Description: If you select a rollback version from the drop-down list and then open the Detail Comments pane, comments are not shown.

Solution: Select the cell that is to be rolled back to see comments.

CCMPR00684587: Library names of mechanical schematic models cannot be modified

Description: Library names for mechanical schematic models is set to `Mechanical` internally and cannot be changed. Therefore, the library name association in Database Editor has no effect.

Solution: None

CCMPR00701521: Library Import multiple edit interface does not save all parts

Description: When many parts are opened for simultaneous editing, and the *Life Cycle* and *Comment* columns are modified, the *Save* option is not enabled although there is unsaved data. Similarly, if you delete a number of individual rows, then click *Save*, some of the rows are not deleted.

Solution: Select all the rows then click *Save XML*.

CCMPR00691015: Allow the addition of mechanical parts and kits to PPLs

Description: Mechanical parts and kits cannot be added to Preferred Parts Lists (PPLs).

Solution: None

CCMPR01702457: Allegro EDM-CIS Derive Database Part option is not usable as the DB is always getting regenerated

Description: In OrCAD CIS, you can create new database parts using parts that you have already placed on schematic pages. When deriving a new database part, you can change the values and visibility settings of the database part properties.

After a new part is stored in the database, you can place instances of the part on schematic pages. However, the part will remain a temporary part until your database administrator assigns it a permanent part number.

Users of Allegro EDM-CIS cannot use the Derive Database Part option, as the database is continually regenerated. Because Allegro EDM always writes the complete data to the database, data written by the derived database part will be removed during library distribution.

Solution: None

CCMPR01072819: JLP site users need to depend on Master site for getting uprevd database as part of sync process

Description: In Allegro EDM, two or more companies can work as joint library development partners. This solution enables a joint library partner (JLP) to develop library elements and then send the resulting elements back to the master library, where they will be verified and released.

The issue is that only users with administrator permissions can update the Allegro EDM component database by running `adw_uprev`. Users of a joint library do not have administrator rights, which means that they cannot run `adw_uprev`.

Workaround: It is recommended that JLP site users get the uprevd database from the Master Library Server to ensure that they have the latest database. The following sequence should be followed for a HotFix patch update:

1. Decide on the HotFix update for both, the Master site, and JLP site.
2. In the Master Site,
 - a. Import changes done in the JLP site to the Master site.
 - b. Update the Master site server with the latest HotFix.
 - c. Uprev the Allegro EDM component database.
3. In the JLP Site,
 - d. Update the JLP site server with the latest HotFix.
 - e. Install the database that was uprevd to the current HotFix in the master site.

CCMPR01072818: Deleting parts/models in a JLP site

Description: Deleting parts/models in a JLP site and importing the database to the master server is not marking the parts/models as deleted.

Solution: None