

EDM Version 6.2.1 “What’s New”

This “What’s New” document summarizes the updates made to releases of EDM 17.4-2019; the EDM Help documentation fully describes functionality of the product, including updates.

Current Release

6.2.1 (2021-01-11)

- Fixed Package for Release report generation for those that broke with PCB Editor 17.4 QIR2 (ISR13).
- Fixed a bug with EDM web application overwriting connection settings after upgrading from 6.1.0 to 6.2.0.
- Corrected an issue where editing of text in a footprint is disabled if PCB Editor isn’t restarted after importing footprints. Skill code is fixed to reset the appmode in PCB Editor after completing import.

Previous Releases

6.2.0 (2020-11-20)

- + Added a project leader role, Project Leader with All Copy, that allows users to copy any project to which they are assigned (i.e. those they can see in the project dashboard).
- + Renamed Association Level column to Step Association and added it to the footprint view of footprint projects.
- + Improved appearance of the initial log in screen.
- Corrected a log in problem where usernames containing certain special characters stopped working after upgrading to 6.1.0. Allowable username characters can be specified in the web application's appsettings.json file.
- Fixed a bug that occurred when using multiple SVN servers. Files added or removed after navigating between projects belonging to different servers sometimes caused errors with project details.
- Added a pop-up warning when attempting to remove a user from a project if the user being removed has any project files checked out. Proceeding will cancel existing files they've checked out and remove the user’s access to the project.
- Fixed a bug where the cancel button was not shown when the Comment Too Long warning appeared during check in.
- Fixed a bug with footprint import that caused flash files to appear multiple times under certain conditions.
- Fixed a copy project bug where deleted users assigned to files in the original copy of a project remained assigned on the copied project.
- Fixed a bug to ensure that only users assigned to footprint files are able to check them out.

- Corrected the File Name displayed in the Edit Team Folder form.
- Corrected the IIS AppPool settings and assignment for EDM web application installations.
- Removed checking of Step Model relationships during footprint import when Step Models are not enabled in the project.
- Removed non-functional delete buttons next to Team Design pages when opened in a browser.
- Fixed an issue with the project copy form that caused the wrong user to be removed when removing a project user.
- Fixed a bug where the Reset to Default button in the Set Field Order and Visibility window was sometimes inconsistent for Team Designs.
- Fixed an edit project bug to ensure removal of a project user will also remove corresponding user assignments and checkout status for that user within the project.

6.1.0 (2020-10-15)

- + Added Step Model management to footprint projects. This includes the check in, check out, import, and promote operations. Step files are shown in each existing view (File, Footprint, Padstack) as well as the new Step view. Step models need to be enabled in the new/edit (footprint) project form using the Add 3D Step Model checkbox.
- + Adding the ability to check in and import footprint files (.dra/*.sm, .pad, .stp/.step) separately. This will support use cases such as when a user only has the compiled (e.g. .psm) version of a footprint.
- + Updated the Footprint Import process to handle the import of new footprint files that reference related files that already exist in EDM. Added icons and lists to identify such files in the import form.
- + Added an Other Symbol Files section to the Footprint project's Footprint view so that shape (.dra/.ssm) files that aren't referenced by any other files will still be visible.
- + Added Release Templates to Admin > Managed Templates. The templates are used to save different default Package for Release options and are assignable on the designated Release folder for each project revision. Release Templates and associated options are also selectable on-the-fly as well. Added ability to upload a custom readme file when Managing Release Templates, for use with Package for Release.
- + Added an Include Additional Files option to the Package for Release form, as well as the new Release Templates feature. This option allows a specific folder (and its underlying files and sub-folders) to be included with the release package. It can be set in the Release Template and/or changed on-the-fly in the Package for Release form.
- + Added an Export to File button to the Promote to Symbol Library and View Promoted Library windows in Footprint projects, which allows a user to view and save each list as a text file.
- + Added CIS BOM options for List Separator and Exclude (RefDes) Prefixes so they can be used when auto-generating a CIS BOM.
- + All files in footprint projects are now available in each View.
- + Added State column to Check In form for Team Design and Team Library to show the difference between New and Checked Out pages and symbols.
- + Enhanced the EDM Validation Report with new data fields.
- + Added checkbox option to New Project form to Open the project after it's added.

- + Added new details when testing the General Account in Vault Setup.
- + Added permission check to Schematic Symbol, Footprint, and Step Model Promote Paths when Library Promote Method is set to EDM Web Application.
- + Added option to Hide Client Download Link in Admin > Configuration > General.
- + Added ability to reorder (move) the appearance of pick list values configured in Customizable Fields.
- + When EDM Desktop invokes a feature in PCB Editor, the PCB Editor window will be minimized when it finishes so that focus is back on EDM Desktop.
- + Added a setting called Footprint Promote Overwrite Rule in the Admin > Configuration > PCB Editor section. It determines whether to always promote/overwrite selected footprint and related files during promotion or only promote those with newer versions.
- + Added delete button to top bar in footprint project's File and Step views, since it is no longer restricted to a specific view.
- + General improvements to the overall user interface.
- + Added watermark headings (text in upper-right corner) for missing menu items and updated others for consistency.
- + Added option to select which variants to include when generating Release Package.
- + Added pop-up message when Package for Release is finished in order to indicate a success or completion with errors/warnings. Also added option to include these with the Release Package.
- + When a user is prompted to include associated files not selected for checkout in the Checkout Feature Warning, EDM will remember their last selection (sticky, per user) so it will be the default the next time the window appears.
- + Fields list for Advanced Search's Include Additional Fields in Search Results now includes Library Name.
- + Added a Local Workspace section in the user's Profile page to include the ability to Open (File Explorer), Browse to new, or Backup and Clear your local workspace.
- + Removed the Autogenerate column from project details page for General projects, since it does not apply.
- + Project Rev drop-down in Project Details page is now sorted by creation date (new -> old).
- + Project URLs (links) can be copied from a browser and used to directly log into a specific project. If the user doesn't have permission to view it, the link will take them back to the project dashboard.
- + Added pop-up warning when selecting FileSystem Vault so that the Admin understands that the vault location should not be shared with users to help prevent corrupting the data in the vault.
- + Sections in the Admin > Configuration are now auto-collapsed by default.
- + Added basic default settings for Capture Title Block and Customizable Fields (Projects, Files, Team Designs, Schematic Symbols, and Footprints) for new EDM database installs.
- + Updated the way the a client user's allegro.ilinit file is updated during EDM Client/Key install. This will allow for 17.2 and 17.4 clients to be installed side-by-side and the corresponding version of PCB Editor will be launched based on the EDM Client/Key that invokes it.
- + Added a configurable setting to appsettings.json in EDM web application folder for SvnOperationTimeout that defaults to 300sec. Moved the existing SqlCommandTimeout setting to the same file. This will mitigate issues such as promoting a large footprint library.

- + Clarified error message displayed when EDM Vault Login fails due to an SVN connection issue involving the EDM_SVN_PATH variable.
- + Added a check and subsequent error message when a user with File System vault attempts to set the local workspace to a vault.
- + Files/Folders in Release Package readme file are now listed alphanumerically.
- + The Check In form will now auto-select files that have been checked out (Team Design Pages and Team Library Symbols) and checked out and modified (general files, managed design files, footprint files). This helps streamline the check in process.
- + Search button is disabled for BOM Search when there is no search string. Search button is disabled for Advanced Search when no search string is entered for operators with Contains or With in them.
- + Improved searches by fields with Date ranges in them by limiting lower date to year 2010 and upper date to current date.
- + BOM Search will now filter to show the appropriate Project Group when Project Name is selected first.
- + Updated Install Guide requirements to remove IE browser support and update supported O/S list.
- Fixed bug that required General Account username and password when using Windows Integrated vault. Additional UI checks were added to ensure all servers specified have the same Windows Integration setting.
- Fixed database upgrade issue caused by pre-5.0 databases that had the username mapped in Capture Title Block Mappings.
- Fixed an error when creating a new project and the comment matches a subfolder in the location in which local SVN command is run.
- Checking out a managed design will now detect related files that were manually generated (BOM, Netlist, PDF) as long as they were auto-generated at least once.
- Added info to the error message when a Check In fails. Also added a More Info link to retrieve additional info in the User Guide.
- Fixed a bug that presented a misleading error message and stopped a project from loading if a file was deleted from EDM while the user had the file open. Checks will now prevent this situation and present the user with a proper error message when they have a file open and it would stop an operation from completing successfully.
- Related hierarchical block files (.dsn) in a project are now included in the Checkout Feature Warning when checking out a managed design and not selecting the associated files.
- Moved EDM user-specific settings and logs from local to roaming AppData folder when EDM Desktop and Client are launched. This will fix setting-related issues when multiple users access the same EDM client machine.
- Disabled action buttons (add, import, check in, vault login, etc.) across EDM after one is clicked, which will help prevent inadvertent submissions and double-clicks that cause errors.
- Set max length of Server Name in Admin > Vault Setup to 50 characters and prevented truncation.
- Fixed bug that prevented setting extension rules on preloaded project templates.
- Disabled the Import Design (.dsn) option when the managed DSN is already designated to a project's Team Design folder.
- Fixed a bug where the local workspace was not re-read each time a user logged into EDM. EDM now re-reads the workspace upon each login.

- Fixed a typo in the Autogenerated Page Delimiter setting.
- Fixed a bug that caused a loading error when opening a Footprint project when a single .dra was used to generate a compiled *.sm file, the *.sm was deleted, and the same .dra file was used to create a different type of compiled *.sm file.
- Fixed a bug that prevented renaming a managed BRD Filename.
- Fixed issue with Check in of a design that has variants for a Japanese OrCAD Capture installation.
- Fixed an issue that prevented managed files from being associated with the managed DSN when they were manually generated and checked in.
- Removed (Alt+E) shortcut for EDM inside Capture, as it was interfering with the built-in (Alt+E) shortcut used for Edit.
- Fixed an issue with changing the field column order in EDM Desktop when the application was not fully expanded or maximized.
- Fixed a bug in EDM Desktop that caused content on drop-down lists to move when scrolling.
- Fixed a bug in Package for Release that hid the Variant DSN PNs for frozen team designs (flat and hierarchical).
- Fixed an error caused by clicking the Open button next to a File or Folder with Local State of No Local Copy. If a user clicks Open next to a file or folder shown as No Local Copy, a Full Project Download will be done automatically as long as the item exists in the vault and not in the local workspace folder.
- Updated the misleading progress bar when EDM Desktop is attempting to launch or connect to PCB Editor. It is now displayed as a connection timeout countdown.
- Clarified error message displayed when downloading history of a deleted item.
- Date column no longer wraps to new line in History Flyout.
- Package for Release invokes a Full Project Download so that it no longer fails when a user has No Local Copy of project files.
- Package for Release will now use nc_param.txt and art_param.txt files in the board directory.
- Fixed a bug when checking in a managed BRD file with auto-generated PDF. The PDF should now use the latest info in the BRD Title Block.
- Made minor change to Release Package .zip filename for consistency.
- Updated EDM Validation Report logic to account for new changes in the order in which .dra/.psm files are now saved in PCB Editor 17.2/17.4.
- PCB Title Block will no longer allow duplicate filenames from different paths.
- Fixed issue with Advanced Search returning footprint filenames of files not checked in but have known relationships.
- Fixed a bug that caused EDM to crash when a user checks in a Team Design page while the page is open.
- Import of Flat Team Design now auto-populates the Assigned Users based on assigned project users (import to new Group) and a group's default users (import to existing Group).
- Auto-numbered Team Design Pages will start with Page 0 instead of 1. New pages will start with the highest available number instead of filling in gaps.
- Corrected warning prompts that appear when deleting Team Design Schematics and Groups.
- Default values for fields in a Team Design and Team Library will now be used when its parent project is copied.
- Added user-friendly error message to Team Designs when using Add Page form and no Groups exist.

- Check In of Flat Team Design pages and Team Library symbols is now properly updating/applying the Assigned Users.
- Select All function on filtered lists of schematic symbols and footprints are now properly applied to the filtered results, not the entire list.
- Removed option for "Full Download and Updated Cache" to avoid review conflicts between what is downloaded and what is in the vault.
- Fixed an issue with the default and assigned users being incorrect when importing to a flat team design.
- Date fields are now sorted properly.
- Client install will now add EDM_SVN_PATH as User variable in addition to System. This will prevent issues when non-Admin users install the client.
- Fixed database upgrade error when SQL server hosting EDM database is using case-sensitive collation.
- Fixed CIP BOM generation error that occurs when a BOM Template used CIP properties and the CIP config is cleared. A warning message will occur when attempting to clear the CIP config. If settings are cleared, the CIP properties used will revert to built-in schematic properties to avoid errors during auto-generation of CIP BOM.
- Removed CIS license requirement for saving BOM Templates, allowing them to be saved while EDM is open in a browser. Moved CIS BOM options so they will only be shown when BOM Format is set to CIS.

6.0.2 (2019-12-13)

- + Added BOM Template option to Include DNI (Qty 0) parts for when auto-generating BOM variants.
- + Enabled EDM to include the constraint netlist file when Constraint Manager is enabled.
- + Added option to select all files under a folder when checking in.
- + Added a confirmation when exiting EDM desktop application.
- + New pages checked in for a flat design will be assigned to default users configured for the team design.
- + Enabled all IPC-2581 command-line options generated during Package for Release.
- Fixed bug that prevented Full Project Download of selected projects from the Home page.
- Fixed bug that occurred when PDF printing mode is set to Instance.
- Fixed bug that would sometimes occur when opening a PDF from a browser.
- Updated usage of allegro.cfg file for netlist configuration. EDM will now use default settings when allegro.cfg has been modified.
- Corrected bug where footprints with optional padstacks were shown as missing related files during import or check in.
- Fixed bug where Team Design folders from a copied project could not be deleted.
- Fixed bug that prevented project leaders from importing designs to an inactive project.
- Fixed bug that prevented import of a team design when the same user is assigned as both a project leader and project user.
- Fixed bug to eliminate an error message when viewing promoted footprints when none have been promoted.
- Corrected problem with copying a project when the promote location is set to a central location.

- Fixed bug that prevented EDM desktop from running when installed on a PC with only 17.4 installed.
- Corrected check in of designs that contain more than 1 variant for 17.4.

6.0.1 (2019-11-13)

- + Added validation to ensure EDM web application has proper permission when the Schematic Promote location is configured.
- + Changed the “Unversioned” button in the Check in form to a “Local Only” button to better match information in user interface.
- + Added option to select all files under a folder when checking in.
- 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.
- Corrected the location in which the EDM shortcut is added on the Start Menu for 17.4-2019
- Fixed a bug with EDM not using the allegro.cfg file configured in the EDM configuration.

6.0.0 (2019-09-27)

- + Initial release of EDM 17.4-2019 to work with OrCAD 17.4-2019