



A New Era for Documentation

Modified by Maksim Feshchanka on Jul 7, 2017

The following sections list the release notes for publically released versions of Altium Designer 17.1

For a summary of new features and enhancements in Altium Designer 17.1, see [New in Altium Designer](#).

Version 17.1.6

Build: 538 **Date:** 7 July 2017

- 17494 Fixed bug where non-keepout primitives can be copied/pasted on Keep-Out Layer and keep-out primitives on a non-signal improper layer.
- 17691 Fixed bug where Managed OutJobs could only utilize Vault based BOM templates locally.
- 17787 Fixed pasting of graphics from the clipboard in Schematic.
- 18044 Fixed regression bug where polygon cutouts do not appear in ODB++ assigned on mask layers.
- 18174 Data Management: Improved Item Manager performance for projects with Vault components.
- 18283 Vault Explorer - Fixed bug where switching to preview on Windows 10 Creator causes BSOD (BC:8015).
- 18308 Draftsman - Fixed regression bug where titles appear in the PDF generated from an output job (BC:8074).
- 18345 Draftsman - Added support for individual variants in OutJob for Draftsman drawings.
- 18368 Fixed regression bug where PCB file from the previous version cannot be open in AD17.1.
- 18372 Fixed bug where keepout object options clear after Union creation.
- 18414 Eagle Importer - Fixed regression bug which caused a wrong placement of objects on the top layer.
- 18415 Fixed regression bug where projects under Version Control are not recognized as so by AD 17 (BC:7966).
- 18445 Fixed regression bug where was not possible to open Supplier Links dialog if Future Electronics supplier is installed.
- 18513 Fixed regression bug where lifecycle state change does not work in "Full item history" window.
- 18566 Draftsman - Fixed regression bug where in 17.1 not showing reference designators for parts not fitted (BC:8001).
- 18628 Library Panel - Fixed bug where the status of the Load all Pages preference in was not saved between AD launches.

- 18628 Library Panel - Added ability to save/load list of the visible columns while performing import/export of the preferences.
- 18628 Library Panel - Fixed bug where Component Type attribute was not available for the Vault-based libraries.
- 18629 Added ability to define a position of the visible parameters of the Vault components, by preserving position data from the symbol.
- 18630 Fixed bug where open pick and place file in source section caused Source out of date.
- 18701 Data Management - Added suggest to update related components after component template modification.
- 18702 Fixed bug where update related items feature allows to open component with different templates in one batch editor.
- 18727 Draftsman - Fixed regression bug where data is not loaded if components with variants have multiple (incorrect) Unique IDs (BC:8005).
- 18809 Draftsman - Fixed regression bug where 3D bodies are not displayed on Assembly Views on not-English Windows with non-English project path.
- 18909 Fixed bug where Component Links Parameters not migrated to a component by Library Migrator.
- 18925 Fixed regression bug where supply chain info shows up in the left top corner of the screen when navigating through components in Vault Explorer with opened Supply chain aspect.
- 19024 Draftsman - Fixed regression bug where some of the not fitted Hatching Pattern settings are not working.
- 19103 Improved open BOM document performance to use price data cache instead of additional requests to the server.
- 19191 Draftsman - Fixed regression bug where Components with Assembly Drawing source are not displayed under Detain View on PDF output (BC:8121).

Version 17.1.5

Build: 472 **Date:** 15 May 2017

- 11128 Draftsman - Added the ability to position the "Title": top/bottom, left/center/right, and manual.
- 13021 Draftsman - Added ability to display and configure footprint parameters in assembly view analogous with existing Designator automatic positioning.
- 13712 Draftsman - Added support for isometric view in Draftsman document (BC:6632).
- 13755 Draftsman - Added ability to split a BOM into several tables (BC:6704).
- 13956 Draftsman - Added ability to manually position the Designator in an Assembly View (BC:6733).
- 14876 Fixed bug that caused AD to crash when opening the Customize Window on the second AD screen.
- 15019 Draftsman - Added ability to enable fill, change fill color and set transparent for circular and rectangular shapes (BC:6718).
- 15055 Draftsman - Added Component Parameters as a source for callout. When selected an additional drop down with a list of parameters (same as BOM config) is displayed.

- 15060 Draftsman - Added support for geometric tolerancing (BC:3777).
- 15061 Draftsman - Added Surface Finish Symbol.
- 15079 Fixed bug in Symbol Wizard when the rectangle is placed in front of Pin Display Name.
- 15131 Fixed bug that caused tenting on thermal vias to stay on the original side, rather than following the component which was moved to the bottom side (BC:3647).
- 15133 Fixed bug that caused IDF settings for Exported Drilled Holes "larger than" in .OutJob file are ignored (BC:3306).
- 15134 Was added support for hide/show Mechanical Layers 17-32 from a script (BC:310)
- 15224 An issue with use of the PSpice switch model giving incorrect results in AC analyses has been fixed.
- 15236 Fixed a bug in the Project Options, Comparator tab, in Object Matching Criteria section. Structure Class got changed to Code Memory.
- 15261 Fixed a bug where, if you are in Single Layer Mode AND the "Show All Connections in Single Layer Mode" is off, when doing an Alt+AreaSelect R-L, it will select connections that are invisible on other layers.
- 15268 Fixed bug that caused signal integrity to crash when a component designator was double-clicked(BC:7694).
- 15314 Fixed a bug where blank component parameters disappear after you release a component.
- 15316 Fixed a bug that caused Drill Drawing symbols for embedded panels to include all pairs, not just a specific pair.
- 15317 Draftsman - Added ability to use arc center for snapping (BC:6760).
- 15358 When using a Route Guide, Gloss is performed after the routing is complete.
- 15360 Increase max Route Guide width to 5x, improve status message, use left & right arrow keys for min & max
- 15362 Improved ActiveRoute messages to user when ActiveRoute doesn't work as expected.
- 15363 Enable use of existing track stub width for ActiveRoute.
- 15370 Fixed a bug that caused strange layer names behavior when names were changed in the Layer Stack Manager.
- 15395 Fixed bug where Supplier links info disappeared when opening an ActiveBoM document in AD 16.0.9.
- 15529 Fixed bug that caused violations to occur after glossing tracks near Pads with slot and rectangular holes with offsets.
- 15535 Draftsman - Added support of new graphical view for Callout (BC:7501).
- 15679 Added support for object specific keepouts (BC:1424, BC:3483).
- 15705 Added support for object specific keepouts in Pads importer.
- 15706 Added support for object specific keepouts in Allegro importer.
- 15707 Added support for object specific keepouts in EAGLE importer.
- 15715 Added support for object specific keepouts in Interactive Routing.
- 15717 Added support for object specific keepouts in Gloss.
- 15835 Draftsman - Added support for variant parameters (BC:6647).

- 15836 Draftsman - Added support for variant selection of a Draftsman document in an OutJob (BC:6869), and support for variant-based objects, such as special strings (BC:6690).
- 15858 Added functionality in the Simulation Profile Manager to export to or import from OutJob files to allow copying of Profile settings to and from OutJobs.
- 15865 Fixed regression error that caused DXP.exe to display an error message and stop working after opening a particular .BomDoc if Digi-Key supplier was enabled.
- 15875 Fixed a bug that corrupted the model list in SCH component if identically named footprints were released to a vault.
- 15897 Added support to allow users to waive selected violations after DRC and to document the waived violations (BC:219).
- 15922 Fixed bug in xDX importer that caused components in projects that were imported using the Xpedition importer to have different sizes/scale than the same components in an imported library.
- 15931 Fixed a bug where a symbol of Drill Drawing is overlapped on a PCB file with Embedded Board Array and a hole.
- 15949 Fixed PCB Ambiguity menu drawing glitch in Windows 7 classic theme.
- 15956 Added a waived section to the DRC report.
- 15986 Draftsman - Implemented another designator location option, 'Silkscreen', which uses Overlay layers for the source of the designator location (BC:7464).
- 16048 Added Retrace command, which allows designers to change previously routed diff pair(s) to conform to current gap/width rules. No pushing of nearby objects occurs, so if an increase is requested it only succeeds where room is available.
- 16135 Fixed a bug that occurred when a *.PIK file was read (Component Placement>Place From File). All the components were placed on the same side of the board (BC:4146).
- 16204 Fixed IDF Export to place keepouts according to relative origin and instead of absolute origin (BC:7507).
- 16322 Fixed bug where numeric data types sorting incorrectly in a Component View in Vault.
- 16326 Fixed bug where minimum Solder Mask Sliver violations are not produced for masks defined from primitives on Top and Bottom layers.
- 16341 Fixed bug that caused AD to report some false errors when the "Check for incomplete connections" was enabled under "Un-Routed Net" rule (BC:7488).
- 16381 Fixed bug that caused a crash after editing invalid polygon (BC:7575).
- 16404 Fixed a bug that prevented completing a big project release.
- 16427 Fixed a bug that caused multi-select to delete random items instead of the selected items.
- 16453 Fixed bug that caused 3D View to show Fill present on every layer in Single Layer Mode.
- 16541 Fixed bug, so when convergence errors occur during simulation runs, the plot setup is no longer lost.
- 16608 Fixed bug that caused pads not to be selected using right-to-left selection if they are placed on non-signal layers.
- 16708 Fixed bug that caused the Clearance measurement path representation to be incorrect for a board cutout.
- 16728 Improved Draftsman's rendering speed.

- 16813 Fixed bug that caused DXP.EXE to stop working during AD launch if Active BOM document was previously opened.
- 16835 Tracks exiting the route guide will be glossed outside, but not inside
- 16845 Fixed regression bug that prevented reusing a via stitching union name on another union even though the name was no longer being used.
- 16861 Draftsman - Fixed bug that caused the VersionControl_RevNumber to not work properly.
- 16911 Fixed bug that caused Altium Designer to crash when a Project File was saved after an alternate part, consisting of Supplier Parameters with Special Characters, was defined.
- 16912 Fixed bug in Variants where Not Fitted Markers are not shown in the assembly drawing for components with the same coordinates on the opposite layer.
- 16913 Fixed regression where designators in an exported ODB++ files were in lowercase.
- 16916 Rounded the solder mask expansion for rectangular pads, so they match polygon pour rounded shapes in order to avoid exposing copper in the corners (BC:7660).
- 17039 Fixed regression bug that caused the xDxDesigner importer to crash during an import.
- 17054 Fixed bug with an [Unknown] revision status on Item Manager.
- 17067 ActiveRoute used to crash if clearance rule scope "IsTestpoint" was used
- 17070 Was added the link to the violated rule from Violation Details dialog (BC:6695)
- 17076 Fixed bug where split planes are not rebuilt when .pcbdoc is opened.
- 17084 Fixed issue where component status check slowed down the compilation process.
- 17086 Fixed bug that caused Project Release to fail, for a particular design, with error: Duplicates not allowed at 0B9AD9AB. WorkspaceManager.DLL, Base Address: 0A6A0000.
- 17106 Fixed issue where Project Options dialogue had a long delay when opening project with variants in AD17.
- 17147 An issue where the Design Item Id of a schematic symbol was being replaced by * during an update from libraries has been fixed.
- 17161 Fixed bug that caused an error to occur while refreshing a library when components have a parameter with a reserved name.
- 17213 Fixed bug where the Project Releaser did not work with Personal Vaults.
- 17216 Fixed "where-used" functionality to restore the ability to multi-select the where-used Items to perform a global edit.
- 17243 Fixed bug where "List index out of bounds(-1)" error appeared after editing primitives in a net.
- 17255 Changed routing, so the Diff Pair Gap rule is not applied to the via-track for the complements. Standard via-track rule is used.
- 17285 Added check for shelved or modified polygons during DRC (even if the rule is disabled) before checking all other rules. A warning is displayed if this rule has any violations.
- 17286 Added "Use Left/Right selection" option to DXP preferences. When this option is checked OFF the selection should be always 'inside area' like in AD 16.1 (BC:7292).
- 17342 Fixed issue where components were displayed in the wrong order under section view.
- 17522 Fixed bug where the selection of a Custom Item was not possible in the Sources section of the Project Releaser.

- 17525 Fixed regression when Project Releaser creates unnecessary folders in the Vault if project released to a custom location.
- 17529 Fixed bug where Net color override does not mark PrjPcb as Modified and does not get saved.
- 17544 Release Manager - Added ability to include Design Snapshot sub-folder into the release (as it was in version 16.1 and below).
- 17547 Reverted earlier implemented solution with rounded edges of polygon around rectangular pads.
- 17565 Release Manager - Fixed bug where some of the output results on the preview stage of the project release cannot be viewed.
- 17584 Release Manager - Restored ability to generate individual containers partially, without generation of the whole batch.
- 17585 Release Manager - Added the full target item path in the Vault for the target item on Configuration and Preview stages.
- 17586 Fixed regression in Release Manager to resolve the "invalid revision ID level" error that could occur when releasing a project.
- 17725 Vault Explorer - Fixed bug where redundant parameters were added automatically during the component editing in Vault.

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