



2020 Fusion Suite

Release Notes

2020 Technologies Ltd.

Product Development

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Release Information

| Application Version | Build Date | Build Type | Scripting Version |
|---------------------|------------|------------|-------------------|
| 6.1.0.52 | 2018-01-29 | Release | 6100 |

Requirements (58)

1.1 6.0.2

108076 Tracker-Based Snapping Indicators

119908 Zoom control via Middle Mouse Button

120544 Background Processing For Multiple Views

121454 Prompt for style block when replacing items in a different style block

150210 New Rendering Solution (Pilot Phase)

165659 Centralisation of PCS Login - 2020 Fusion

173132 New Named Views Solution

173717 Effective Management of Local Catalogues

177220 Items Tab: Ability to Modify Options/Fields for Multiple Selections

182325 Apply Microsoft Office 2016 GUI to 2020 Fusion

197599 Support for Trimble SketchUp 2017

198978 Scripting Access to 'Realtime Block' Information (Copy Forward)

199153 Block Evaluation Dialog: New Warning Mechanism for Invalid Blocks (Copy Forward)

200426 Ability to Define Default Settings for a Connect Database (Copy forward from 5.5)

201809 2020 Cloud Decorative Items to be Correctly Recognised and Classified (copy forward)

203678 Connect: Use of 'Standalone' Catalogue Management System (copy forward)

205118 New Rendering Solution

208830 EANCOM - RFF - Ultimate Customer Reference To Use The [ClientName] Data Tag As Well As The Design Name (copy forward)

209385 Repositioning/Repurposing 2020 Cloud Ribbon Icons

209394 Improvements to Connect Database Management (copy-forward)

211338 Improved Sorting & Filtering of Style Types While Editing Block Items in CatAdmin (copy-forward)

212615 Realtime Block Evaluation: Additional Trigger Events (copy-forward)

212667 Implement Updated Movie Generation Tool

212812 Increase Version Index for Fabrega (v6.0)

- 212813 Add ability to program v6 and v7 dongles for DAS
- 212817 Resolve Issues with update speed after moving items (copy forward - elements)
- 213386 Scripted Room Access in Connect Mode (copy-forward)
- 215519 Network Printer Optimisation
- 216378 Open 'Modify Description' Dialog via Double-Click in Item List
- 216981 Named Views: Retain Unaltered Images and Current Tab Selection
- 218278 User Preferences for Prompt for style block when replacing items in a different style block
- 218696 IPDS - Map Sort Codes To General Data Field
- 225244 Unit List/Key: Option to Display 'Handing' (copy forward)
- 230262 Customer Cloud Management (CCM) System - Foundation Development
- 227808 Changes to Mouse Wheel Click Behaviour (Plan and Elevation)
- 202976 Change Materials For 2020 Cloud Products
- 212721 Update IPDS Upper (Title) Case DLT and Colour Strings Script to Include Unit Descriptions

1.2 6.1.0.52

- 118982 Automatic Removal of Duplicate Installation Dimension Rails
- 186176 Negative Threshold for Conditional Blocks
- 205096 EANCOM Order Generation: Option to Include Predefined Worktop Views
- 205723 Live Tracking/Birdseye Options for Perspective Named Views
- 206971 Block Summary Additions
- 209339 Ability to Run An Old Script (.rpt) From A New (.dll) Script
- 212198 Retirement/Integration of Restrict Image Size Checkbox (Export Backstage View)
- 212876 Addition Of Predefined Named Views to New Named Views Interface
- 218314 Warning Mechanism for AutoFeature Items in Additional Style Blocks
- 225245 Unit List/Key: Ability to Exclude Items from Specific Catalogues (copy forward)
- 225247 EANCOM: Export a Graphical Legend Section (Unit list/key) on a Named View (copy forward)
- 225572 Read Only Catalogue Access When Using 'Connect: Use of 'Standalone' Catalogue Management System' (copy forward)

- 225573 Export a Graphical Legend Section (Unit list/key) on a Named View (copy-forward)
- 227773 Print Areas to Be Named View Specific (Including Scripting Access)
- 230219 Connect: Ability to Define Set a Default Title when Creating New Customers (copy-forward)
- 230735 Customer Cloud Management (CCM) System - Foundation Development (copy forward)
- 233513 Catalogue Editor (Version 6): Support for Duplication (Copy/Paste) of LightWorks (Legacy Shader) Materials
- 233575 Scripted Batch Printing: Ability to Select Individual Predefined Tiling and Installation Views
- 234112 Support for Trimble SketchUp 2018
- 234901 Portals: Ignore Adjacent (Parallel) Panes of Glass
- 235900 Additional Scripting for Processing Events

Bugs Fixed (384)

1.3 6.0.2

186863 Fusion crashes if you order by EDI and an item name (recommended) has two spaces behind each other (by manual changes) (BR32695)

211190 Fusion crash if you move a installation symbol in the provided design (BR33270)

212315 Fusion crash when closing the room

214734 Linklists are unusable if you create a child catalogue and use the import products function (BR33427)

217251 Crash during import Products in Child Catalogue when Parent unit contains invalid links (BR33504)

216678 Fusion starts a lots of background tasks when closing a room via OpenCreateRoomEvent & exporting a view in a called QuitQuery (BR33493)

212509 Multiple price table exports the incorrect series ID numbers

218705 Freeze when selecting item with an invalid/missing parent (BR33547)

213831 2020 Fusion crash when adding a sketchup object

213038 Fusion crash when moving the guide rail to the middle of the room

217673 Closing multiple modified rooms in an SQL solution causes all but the first room to fail and require recovery

218304 Fusion crashes in high load scenario when multiple users are logged in to SQLServer database

211525 Scrolling to the bottom of the customer list on a specific user causes fusion to crash

219779 Crash while cancelling "edit worktops" in the supplied design (BR33600)

226934 Dumpfiles to check after many crashes in different situations (BR33986)

228758 Crash when using a catalogue with blocks with invalid start dates (BR34011)

228671 Performing an Item Name or Description Search in Grouped Units That Returns No Results Causes a Crash

229963 Crash during edit worktops after stretching edge (BR34081)

225661 When a string is too long and fails to add correctly the TLTableField still thinks it is added to the report (BR33945)

230371 Side-Effect: Factor validation fails if 'All Factor Groups' is enabled (BR34170)

225883 Unable to edit Description field in Edit Image dialog in Catalogue Editor

Release Notes

- 229329 -RunScript shows Fusion - Silent functionality isn't working (BR34102)
- 225607 By inserting new general text fields in general data, the general text fields in RWZ forms are changed (BR33887)
- 226420 "Factor list is valid" even though there are more than once the same factor (BR33767)
- 225248 360 Pano email not received when produced via background
- 223461 New designs are stored in the wrong customer (BR33866)
- 224179 A room that contains an oddly orientated worktop locks up Fusion (BR33874)
- 221042 Wrong result after executing the scripting function "BlockEvaluationTrade" (BR33672)
- 221487 Price validation doesn't fire when price is locked for the unit (BR33581)
- 219511 Texture (Length & Width) does not get applied to a material if setup using the copy paste method
- 219242 FOMS: Unexpected result after "Validate Database and File Store" and missing cat files in FileStore (BR33352)
- 219596 18-19 seconds to move a window in supplied room (with a tiled floor)
- 219228 Runtime error when running a universal report with supplied room
- 215162 Change Catalogue's Unit List Filter doesn't work properly (Side effect)
- 217088 It is not possible to import and append a second IDM file (BR33499)
- 218119 BlockEvaluationTrade sets retail prices to default when the method is called for the first time and no retail block is in room (BR33508)
- 216076 The style details show a wrong catalogue after select one in the following situation (BR33469)
- 219278 45 degree filler does not auto worktop correctly when a unit added between them falls into a certain size range in width
- 210236 Linked items cannot be moved manually in Item List when Group by Links is turned off
- 212206 Movie is not generated fully when generating through the background process
- 212529 Unable to Paste in the DLT Dependent Order Code window
- 214669 Unit descriptions over 255 characters cause a room to be recovered when closing and reopening an SQL database solution
- 205538 Catalogue editor is unstable and randomly crashes
- 211253 Manual Dims change position when opening and closing a room
- 211266 Manual Annotation no longer supports the Thai language

- 221809 Script method TSurface::SetColourNum does not work with colour ID over 32767 (BR32249)
- 189953 Changing between named views with the same background changes the background to a different one or blanks it.
- 191686 Few annotation gets lost in Shared annotations when other annotations are entered in the PPSHaredUser.ini
- 211194 Fusion does not correctly export models in AXS format
- 197992 Cannot Edit customer info in offline mode
- 200685 Order dimension of zero stops units from showing island dimensions
- 190767 Default valid series is not loading the associated fields
- 200417 Connect : A checked out customer's design gets checked In (without changing this status) in a particular scenario
- 211249 The wrong catalogue is deleted when sorting by file name and clicking remove in ce.exe (BR33238)
- 191689 "Render Setting" dropdown goes blank after applying artistic render to design
- 202125 Dealer Name is missing in the Info Block when using Background export
- 206901 Block evaluation shows invalid prices when multi-vat within a single balance group is used
- 204293 Wrong series info is displayed in Cat Admin after importing via Copy & Paste
- 204478 One of the design window view is not getting updated when unticked Gap Dimesions option under Item settings
- 205719 Connect : Imported design in offline mode doesnt reflect in online mode and also disappears when again switched back to offline mode
- 205772 Unit dimensions are not displayed for cloud unit when adding using add or double click option into the room
- 211263 Value for the next block clearing system is not correct if a trade factor is applied (BR33266)
- 211257 Certain Cloud models are upside down
- 203143 Grouped Items containing cloud models not keeping changes
- 211268 Info Block not displaying virtual wall number
- 211258 Change material dialog shows blank/white when replacing with a linked colour that is undefined
- 200428 Dimensioned elevation views in Insight attachment are not all dimensioned
- 191663 Order of balance group is not correct on block evaluation window

- 183968 Block Evaluation Info Bar not displaying +/- for unused amounts
- 211255 Longtext of some items is cutted in reports (only on the screen) (BR32944)
- 211269 CiCExport Script - descriptions containing commas and speech marks causes export format to be incorrect
- 210211 DLT Entry with large number of dependencies does not display in CE (BR33340)
- 215511 Catalogue.Compact does not compact using Fusion.Scripting.dll
- 215431 0 is not a valid value in the table GeneralDataRelated (BR33463)
- 216079 'HideUnavailableUnits' prefs settings hides available items in the Autofeatures Dialog
- 217083 Phone and Email information of a customer is not displayed in offline mode (BR33496)
- 218688 Userstrings file includes two different lines with the same ID number
- 227762 Fusion.Scripting sometimes fails to check for licence (when used in standalone projects)
- 217897 ConnectDatabase.OpenRoomForEditing via 'Startup' shows the 'Find Customer' dialog
- 221481 PDF dimensions look different to elevation view with provided design
- 224409 'Catalogue Items' details do not entirely refresh after DLT Change is made which changes the Unit List Selection with 'HideUnavailableUnits' feature active
- 227042 Window top inserts not drawn
- 219866 Surface covering not applying to worktop with sink
- 226815 Double dimensions if you plan in cm and move units (BR33764)
- 220779 Window Reveal Head tiled even though wall tiling zone doesn't reach that height
- 221828 Lookup customer dialog is shown before DW_FusionOpen is fired in Connect mode
- 221964 Items from Bosch Cloud catalogue not snapping to walls when first called into a room
- 222937 Empty Catalogue Items List with 'HideUnavailableUnits' feature activated shows a blank Add Palette, but valid information in Description, Dimensions, etc.
- 226461 The "Ceiling Filler" indent is not set correctly (BR33955)
- 226619 Dimensions not Updated correctly after searching for items on 'Catalogue Items' Palette with 'HideUnavailableItems' feature active
- 232936 Additional Lines added to reports
- 229444 Script Error details not appearing
- 226950 First character typed into certain text fields ignored

- 226952 Unable to copy and paste text in Images text field
- 226111 Changed VAT profiles won't be shown correctly during Room Validation (BR33959)
- 219514 The Return, Enter and Escape buttons don't work in the Edit Unit dialog (BR33589)
- 219533 Annoying dialog behaviour when maximising another application (BR33588)
- 217275 Connect: Deleting a Catalogue From Manage Catalogues Causes Scrollbar to Move to Top of List
- 217763 The BlockEvalTradePrices is not fully documented in PrefSpec (BR33516)
- 211274 Change Catalogue's Unit List Filter doesn't filter correctly (BR30593)
- 211192 Block Evaluation unsorts item list if sorted by "user defined" (BR30895)
- 214867 Report Script Issue - Table Column Line Rendering Issue (BR33435)
- 214949 Report Script Issue - Border Rendering Issue (BR33434)
- 179239 Default for preference EnableAdvancedInfoBar is enabled (BR32413)
- 211272 EDI Graph: Polygons for worktops will be added to a sub item instead to the main item (BR33140)
- 211273 Wrong hatch of a wall when more than one window was planned (BR33155)
- 211275 General Text fields not displaying correctly in customer details.
- 211188 Worktop isn't generated under the wall cabinet (BR33217)
- 211259 Worktop dimension is disappearing after re-open room (BR33183)
- 211260 Missing warning message when articles of a block become N/A when they are changed by switching DLT's or replacing it (BR33199)
- 211262 The description text is cut in the reports if you use a line break/Return (BR33222)
- 203946 Guide Rails disappear from the room when snapping unit dimension onto it
- 195233 Render settings dropdown is enabled and not ghosted in Export tab when multiview is applied
- 209367 RWZ - If no characters are stored in the "FreeText", this and the following fields will be deleted after reopen the RW (BR33331)
- 193928 Spelling mistake in 360 Panorama dialogue
- 208964 Incorrect Naming of Userstring in Connect (2020 Fusion) Welcome Dialog

1.4 6.0.3.9

- 232871 Crash when viewing layers in named view in supplied room
- 232975 Fusion crashes while closing a second room (under Windows 7)
- 232988 Dashed lines not printing (also not in Print Preview) when UseVectorLineRenderForPrinting = "1" is set in PPPrefs.ini
- 233079 Filter Behind Primary wall Not working
- 233799 Design goes blank in print preview for all the pages of batch print
- 234525 Print previews for the elevation view is scattered
- 230553 Angled Lines of Design Items Are Pixellated When Zooming in on a PDF Generated Using Fusion's Built-In Mechanism (BR33572)
- 232645 Fusion takes longer to re-render (3DE) after hiding then enabling a layer of 2020Cloud items
- 232931 Angled Lines of Design Items Are Pixellated When Zooming in on a PDF Generated Using Fusion's Built-In Mechanism - Batch Printing
- 234175 Fusion crashes when printing a converted room via 'Send To PDF' (specific 'Classic Fusion' room supplied)
- 234206 Quick Batch Print crashes on 2nd pass (Symphony Fusion application setup)
- 232264 Colour Fill render is display in black colour
- 232291 Corner Filler for base unit goes dark when rendered in Presentation (aka Flipped Polygon has wrong direction)
- 232394 Print Type : Worktops (Single Page) view shifted right side of the page on print preview
- 232487 Floor and Ceiling Coverings will not open (for supplied room)
- 232666 Manual Annotations do not appear when printing to PDF with Print areas
- 232736 Some menu in the CSM is missing when adding a window onto wall
- 232765 Batch Printing set up in Options is missing Elevation views
- 232978 Change material is not listed the 2020 Decorative Item (Glass) in the list
- 233227 KBBCConnect integration error in V6
- 233573 Plan view offset when using "Send To PDF" printer
- 233587 Unit list is completely missing for the elevation view when using "Send To PDF" printer

- 234406 Perspective view for wireframe is not display properly in the print preview
- 234540 Converted room with named views with the same name are not made unique when opened
- 232641 Unable to return to original position via Undo when using Navigate
- 232822 Cannot right click to select certain cloud models
- 232825 Position of browser within 2020 cloud is offset (sometimes)
- 232936 Additional Lines added to reports
- 232396 Tiling is not display properly in the movie when generated through the Draft render
- 233222 Item List "refresh flash"

1.5 6.1.0.52

- 229895 Unit List is not display properly when printing elevation view in "Send To PDF" printer
- 229904 AutoSidePanel doesn't work anymore (BR34036)
- 229908 Other design and presentation views become blank after applying a report (BR34160)
- 229915 Dotted witness lines are nearly invisible (BR34161)
- 229664 Converting old named view preferences doesn't convert layers correctly (BR34141)
- 210030 Radio Button and Checkbox are invisible in CE.exe in combination with Windows Classic or Contrast Design (BR33355)
- 228323 Crash during edit worktops after stretching edge (BR34081)
- 229481 Multiview is not printing all wall when printing through the "Send To PDF" printer
- 229482 Floor Covering incorrect when doors/windows are present in the room (3DE renders)
- 229483 Item List Position annotation doesn't work in a block evaluated room with group by links enabled (BR34056)
- 229485 Fusion does not correctly export models in AXS format
- 215027 White space when a door is added where walls join
- 215485 Catalogue Editor: Not Possible to Paste Shader Categories Entries
- 217084 No possibility to maximize the window/dialogue within CE.exe (BR33497)
- 219609 Cursor moves to start of Dimension field in the Items tab when tabbing between them
- 224119 Trimble 3D Warehouse Fusion Browser navigation and search functionality issues
- 226946 Unable to double-click in the main catalog window to open another view

Release Notes

- 227754 Print Areas For Plan View Does Not Work After Creating a User-Defined Named View and Disinheriting Layers
- 227756 Print Areas Does Not Work After Creating User-Defined Elevation Views
- 227884 Multiple dimensions are not showing as selected in second window when multiple window of same design are open.
- 229491 No page breaks anymore (BR34118)
- 229492 Named view wall annotation overlaps the info block (BR34116)
- 228735 Insight-Fusion INT v6: "Dimension exceeded message appears" after entering Length value more than maximum
- 209391 Some witness lines are missing from print preview of predefined tiling view.
- 229770 Tile zone auto dimensions are always marked as selected when viewing an elevation view
- 229857 Wall dimensions don't refresh after moving walls (BR34152)
- 229868 Debug only bug – Fusion crashes when trying to print/preview a tile zone on a wall that has been deleted
- 229921 Some installation symbols won't be shown correctly in v6 (BR34164)
- 229637 Script Error details not appearing
- 229883 Page Breaks not recalculating (e.g.: when design is amended to fit from two pages to one page)
- 229888 Page Break refresh issue between Print Preview and Plan View
- 230378 Incorrect Edge Grain Direction Behaviour
- 230660 Worktop angle get selected when clicking on the worktop dimensions
- 231084 Adding *Grundriss or *Wand 1 to a batchset is possible with AddNamedView but the pdf file has no pages (BR34206)
- 231118 Multiview is not updating the installation symbol after deleting and then adding it by using drag and drop
- 231191 Worktop Grain Direction lost in Named Views when converting v4/v5 rooms up to v6
- 231220 Named View Elevations lose dimensions and annotations when converted from v4/v5 to v6.0/v6.1
- 231221 Named View Perspective render incorrect once converted from v4/v5 to v6.0/v6.1 (HQ Present > Draft)
- 231348 Print area shifted left when adding from the batch set in the print preview
- 231349 Info block is missing for Print areas when printing a batch via "Send To PDF"

231678 Dimensions not printed for a Print Area when Batch printed via Send To PDF

232766 Batch Printing set up in Options produces a single blank page

232768 Presentation window does not stay frozen

231898 Manual annotation is display when loading "Print Type: Worktops (Multiple Pages)"

232853 Item List "refresh flash"

233042 Plan view dimensions flickering when moving annotation

233113 Named View Elevation squeezed into the corner in specific .ROM

233843 Naming convention is not followed when predefined multiple wortop view is exported while ordering.

233916 Exported design with the highest size entered looks faded and the dimension rail looks very light

234044 Grid is not shown on the exported file when its size is increased while exporting

234207 Batch Printed Elevation views coming up as UNDEFINED (Symphony Fusion application setup)

234485 TEST - ElevationNamedViewExport - With Print Areas & TEST - PlanNamedViewExport - With Print Areas export in Portrait Orientation even when Landscape Print Area is set

234503 Basic / Trade / Retail price button visibility issues in Block Summary

234795 Scripting .NET Execute() method fails on relative paths (BR34356)

235327 BlockSummaryStickyRetailIncVAT does not work as required and duplicates in PPPrefs.ini

235467 BlockSummary does not show the retail prices of the trade block by default (BR34383)

235915 Fusion crashes if DirectX renderer is not present

234157 Insight-Fusion INT v6: 2D image disappears from Fusion plan and also in Plan view stub attachment

230867 Auto annotation text, font and end style changes do not enable the 'Reset All' button for auto annotations (as it did in v5)

229625 Fusion hangs(sometimes crashes) when room is added to Quick Access Toolbar and then tried to close

Application History

| Version | Build Date |
|----------|------------|
| 6.1.0.52 | 2018-01-29 |
| 6.0.3.9 | 2018-01-08 |
| 6.0.2 | 2017-12-12 |

Active Bugs (42)

| ID | Title |
|--------|---|
| 132256 | High cabinet affects worktop generation (BR31042) |
| 200127 | The Room Validation Wizard doesn't open in a situation where it should open (BR33128) |
| 222317 | Unable to Auto Worktop in a specific room file |
| 223954 | If you insert a floor or ceiling the application crashes with the supplied room (BR33874) |
| 230266 | Fusion hangs when attempting to access a clean database after installation |
| 234663 | Plinth is not applied properly into the room |
| 236970 | Fusion is really slow in the provided converted room file (BR34421) |
| 233621 | Wrong Trade Price in Pricing Centre after deleting a Graphic item (BR34304) |
| 234726 | Worktops (partially) disappear when changing range |
| 165140 | Block summary and block evaluation show different room price after block when dealing with a clearing system block and different blocking factors to standard factors |
| 172706 | Block with locked price will be ignored by the margin report (BR32292) |
| 191495 | Movies cannot be generated using panoramic backgrounds from catalogues. |
| 193825 | Script Function Issue - ExportBatchSetAsPDFEx() (BR32952) |
| 203689 | Fusion crashes when a batch set is printed through quick batch print in pdf format , then clicked named perspective view |
| 208203 | ExportReportAsPDF does not work with rwz reports (BR33306) |
| 212288 | No DXF-export, if the design is too large in reason of sketchup files (BR33374) |
| 224181 | Triple Cuts causing tiling errors in Advanced Wall Coverings |
| 226617 | different block situation when calling method "BlockEvaluationTrade" after the manually called BlockEvaluation (BR33964) |
| 230421 | Light emitters only appearing in mirror |
| 233842 | "*Plan" view base units dimensions are missing from the view when adding from batch print |
| 234211 | Small room shows door from opposite wall in coverings |
| 234532 | Lines Are Visible Where Background Images Join |
| 235502 | The unit list legend is not exported on the exported views |

- 235917 front overhang type preference is not set when starting Fusion with the "Startup" script preference
- 185889 Data Export Script Using All Fields Incorrectly populates the columns
- 193829 "Block Applied" status is not getting updated after "Redo" Block Evaluation action
- 203690 PDF file is not getting generated when printing through "Quick Batch Print"
- 226991 SetPrintViewsWithAssociatedUnits does not work (BR33989)
- 227560 When changing the default design style with no units selected a single unit changes to a new style block
- 230494 Multiple opening of the same ROM file from different machines is possible in windows seven(BR34137)
- 232793 Wrong Trade Price in Pricingcentre/Margin Report (BR34297)
- 233921 Refresh issue with the wall material
- 234553 Edge symbols are displayed incorrectly for Wall Edge Strips
- 234991 Island unit dimensions are not associated with the unit when mirror
- 164365 Block evaluation dialog and info bar should show same block values as block summary (related to BR31955)
- 230969 AutoLight script doesn't work on many design
- 231186 Report is not displaying properly also more pages are getting added to report when orientation is changed and then switched to report view
- 232646 Silent Trade Block Evaluation displays a false result in a special situation
- 233204 Extra line display in print preview for the Print area when applying on " +Installation Wall1"
- 235125 Undo option is not working correctly for user joint and corner joint
- 235268 Dimension rails above walls in elevation view is missing from the view when added from batchset
- 235431 Dimensions of a plan view disappear when switched between standard and batch print