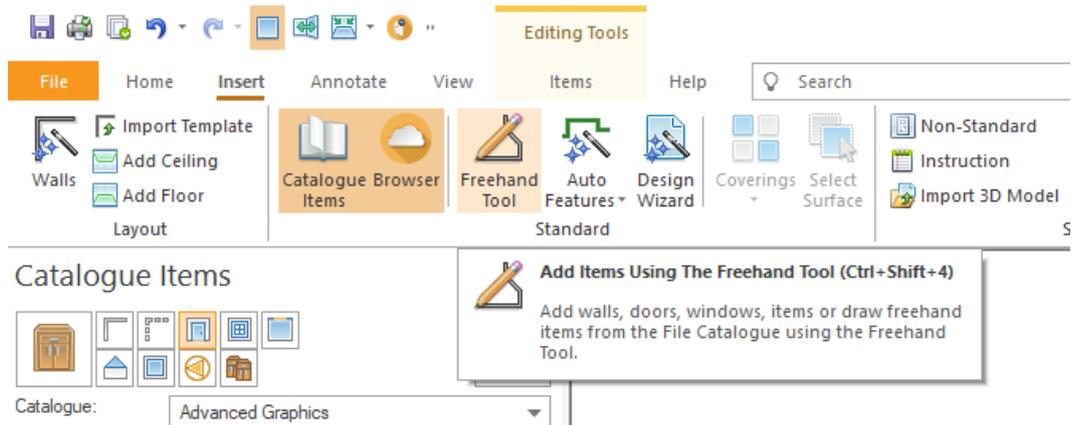


2020 Fusion: Version 8.1.0

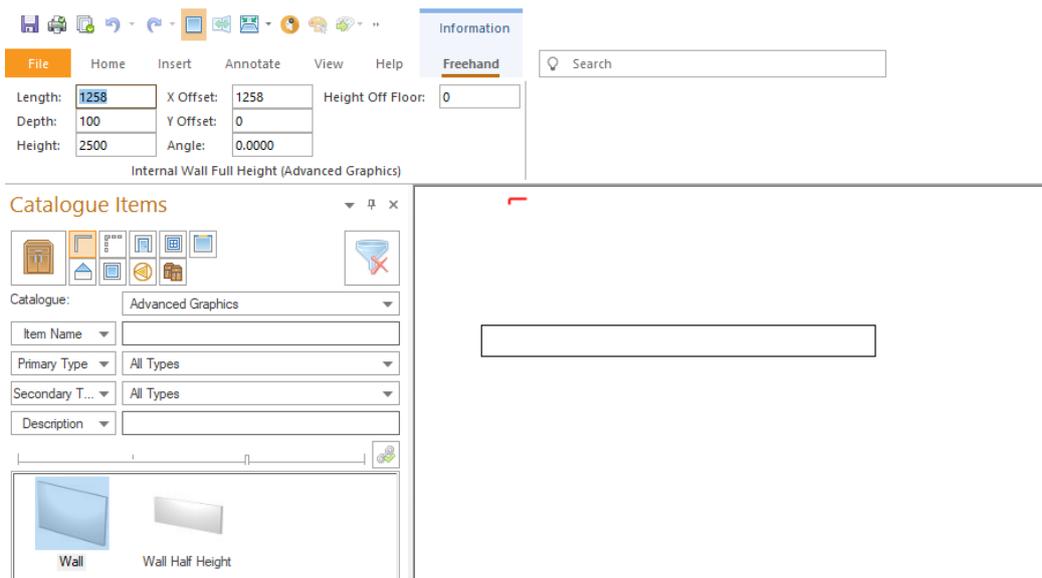
Released 4th September 2020

Features

- Import Background Preview:
 - When importing a background for use in 2020 Fusion, designers can now preview the selected image before importing it. The preview can be switched between any of the three import formats (standard, panoramic and cylindrical) and the preview itself can be rotated so that the user can easily see how the image will be interpreted and determine the most suitable option prior to addition.
- Freehand Tool (Insert Ribbon):
 - A new 'Freehand' tool has been added to the Insert tab which replaces the 'Single Add Item' and 'Poly Add Item' tools, both of which previously resided in the Catalogue Items palette and have now been removed.

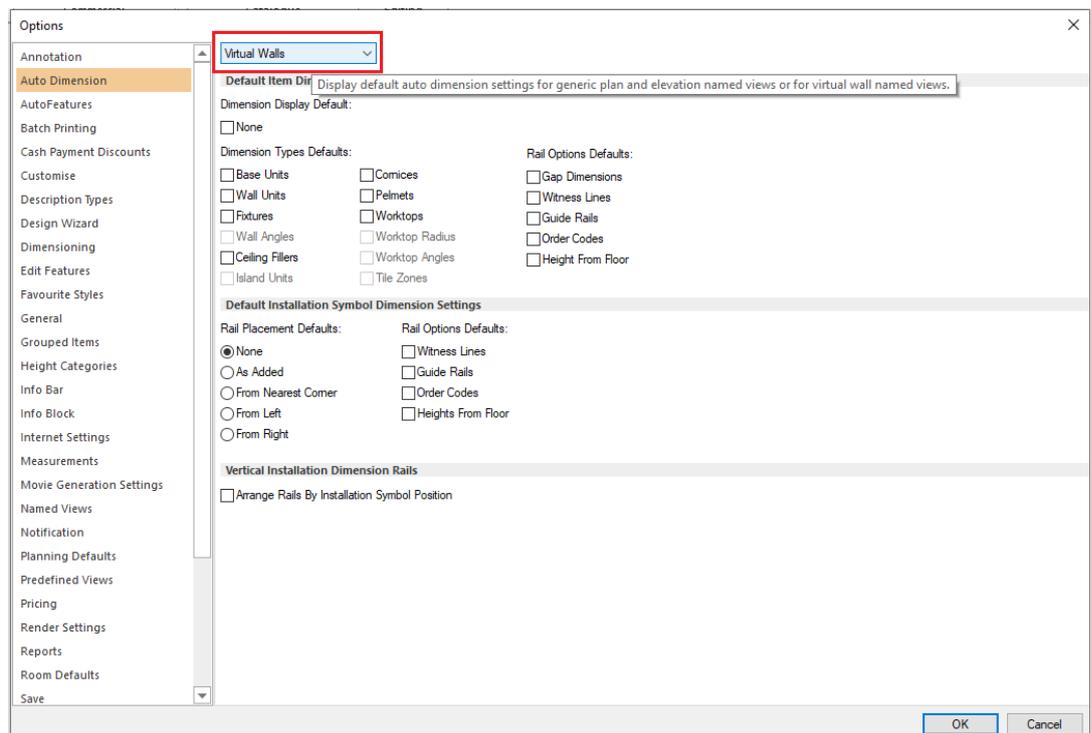


The addition of design items using the Freehand Tool will continue to work in a similar way to its two predecessors, except that when selecting the tool, a new 'contextual tab' will appear in which the user can enter any of the required item information previously entered within the Catalogue Items tab.

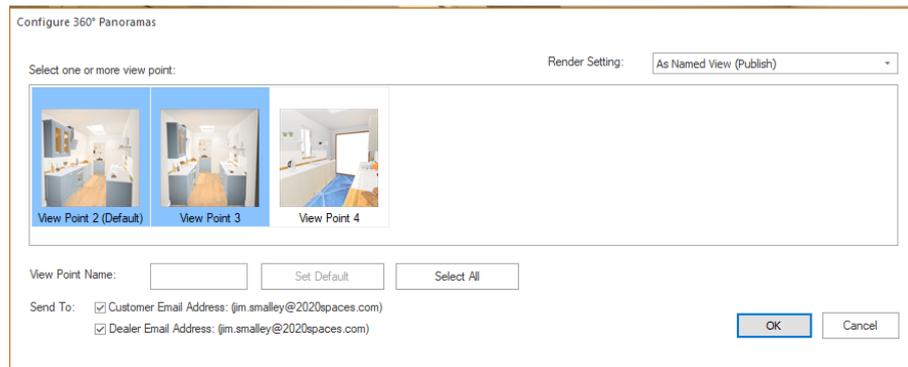


Enhancements/Corrections

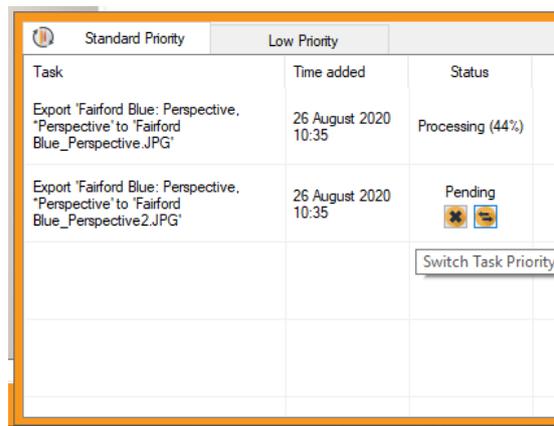
- Design Creation:
 - When adding a Velux window to a sloped ceiling, the application will now automatically blow holes in the walls both behind and to the side of the window, providing not only an immediately more authentic result, but also without the need to make further modifications to the associated walls.
 - When using the multiple walls option in Fusion's Wall Layout Wizard, it is now possible (via the existing 'Poly Add measurement type' preference in 'Planning Defaults') to show wall angles relative to the previous one added.
- Virtual Walls:
 - The dimensioning capabilities for virtual wall elevation named views have been further extended, with the user now able to set default dimensioning settings and modify these on a per named view basis.



- When adding a virtual wall to a design using the freehand tool, it will now recognise and snap to standard walls, making it easier to apply them precisely from one side of a design to another.
 - When an installation symbol is added to a virtual wall elevation named view, 2020 Fusion will now also automatically generate an installation symbol-specific named elevation view, consistent with the behaviour for elevation views of standard walls containing installation symbols.
 - In Elevation named views, the application will now only display the virtual wall indicator line for the currently selected virtual wall elevation named view and no others.
- Printing and Exporting:
 - When configuring a 360° Panorama, users now have the ability to determine whether the resulting email is sent to the customer, the dealer/salesperson, or neither – with the URL simply being added to the gallery of published panoramas. This now eliminates the previous need to temporarily remove customer and dealer/salesperson email addresses when generating a 360° Panorama if the designer did not wish to send an email to either party.



- Users now have greater flexibility in setting the background processing priorities for printing, exporting (including 360° panoramas) and movie generation through the addition of preference settings ('Options', 'General') to determine the default priorities for such tasks and the ability to 'switch' priorities for pending tasks in the 2020 Fusion Systray app.



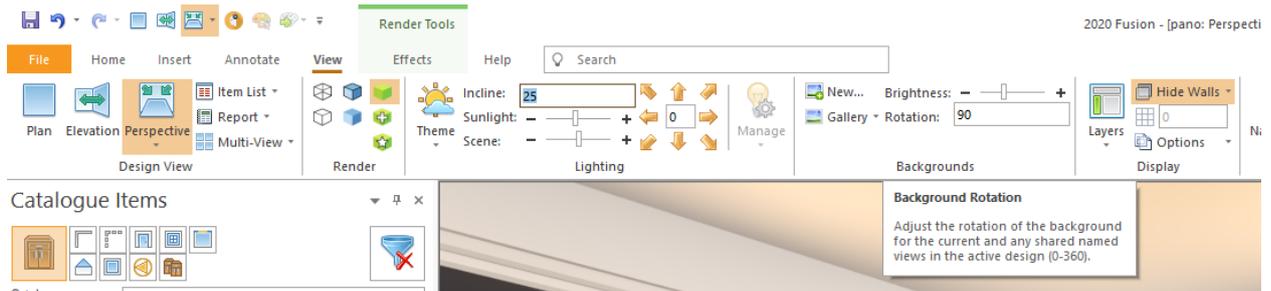
- It is now possible to export to the 'other graphical export types' (Perspective DXF, Collada, IFC, OBJ, SketchUp and STL) as a background process.
- A variety of file formats can now be used when adding a dealer logo to 2020 Fusion's Info Block; the application now supports the use of .BMP, .JPG, .TIF, .GIF and .PNG images in this area.
- UI/UX Enhancements:
 - Functionality has been added to the catalogue updates interface, allowing users to select multiple unwanted catalogues and hide them from the available downloads dialog. Previously, catalogues could only be hidden one-by-one via a right-click option.
 - In the elevation view, the mini-plan within the navigate palette now makes more effective use of the screen estate when the palette is made wider, making it easier to select walls and position view from/to points within the mini-plan itself.
 - The interface for customising an Info Block has been made simpler and clearer, with more functionality now present at the top level of the dialog and fewer 'dialogs within dialogs'.
 - An option has been added to allow annotation settings applied to items altered by modifiers to automatically inherit the annotation settings applied to standard items.
 - Further improvements have been made to the layout of the prompted links dialog.
 - More accurate tooltips have been added for the Lighting & Layer Menu Entries (View Ribbon).
 - Improvements have been made to a number of dialogs in Connect's catalogue management area to allow the same single action to be applied to multiple catalogues without the need for repetition (e.g. delete, withdraw, undo check out).
 - A (hidden) preference to reduce the overall length of the 'View' ribbon, without causing panels to collapse, has been added to support those using high DPI scaling.

2020 Fusion: Version 8.0.0

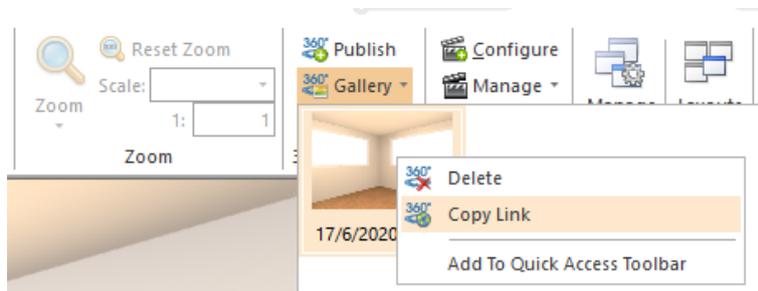
Released 8th July, 2020

Features

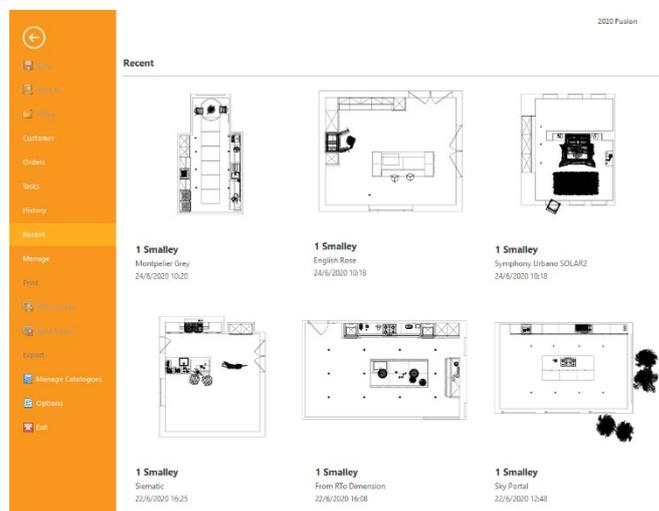
- Background images can now be rotated to the required position for all linked named views.
- Background brightness levels also now operate independently of lighting themes, providing even more control.



- Support for Cylindrical backgrounds with wider aspect ratios have now been introduced. These are typically images that can be created using the panorama photo option found on many smartphones.
- Published 360° Panoramas are now stored within the design and can be accessed directly from the new 360° Panorama 'gallery'.



- When viewing previously saved designs in the 'Recent' area of the backstage view, a preview for each design can now be displayed, along with the customer number/name, the design name and the date on which it was last modified.



Enhancements/Corrections

- 360° Panoramas are now validated before publishing to ensure a customer name, salesperson name and dealer name have been specified.
- With the introduction of the new Background features, the 'Import Background' dialog has been updated to provide an improved user experience.
- The Info Block now has a live preview showing the results of configuration changes made before confirming those changes.

Info Block Wizard
Column Settings

Defines the Info Block layout. Set the number of columns; whether a column contains text or branding information; and set the relative width of each column in percent. Note: the sum total of all (active) columns must equal 100%. To enter the contents of each column, click on the corresponding Edit button.

Number Of Columns: 1 2 3 4

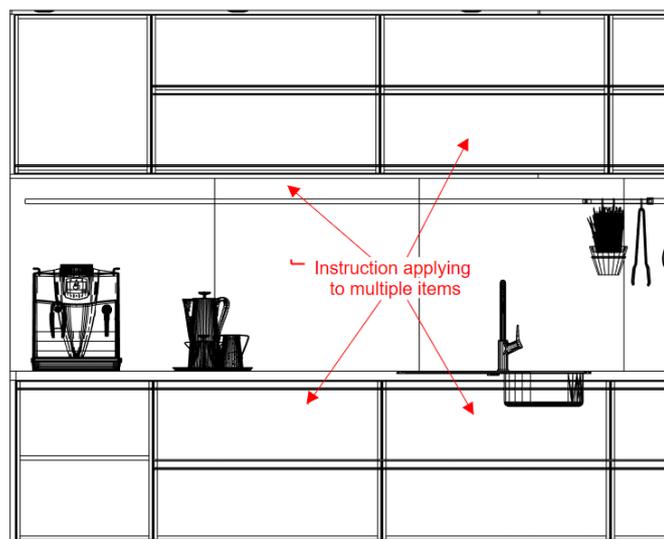
Column Detail	Column Detail	Column Detail	Column Detail
Column Type: Branding	Column Type: Text	Column Type: Text	Column Type: Text
% of Total Width: 20	% of Total Width: 25	% of Total Width: 37	% of Total Width: 18
Edit...	Edit...	Edit...	Edit...

Total Column Width (Percent): 100

2020	Client: Mr Jim Smalley	Range: Universal Fitchers (Non Priced)	View: Plan
	Phone: 01227 878854	Door Style: Arched 60	Scale: Scale-to-fit
	Design: pano	Handle:	Date: 17/8/20
			Page: 1

OK Cancel

- Installation named elevation views configured to show installation symbols along with manufacturer products now automatically hide all decorative items.
- Multiple arrows can now be created from a single manual annotation.



- A number of enhancements have been made to 'Prompted Links' to aid usability and to provide consistency with the 'Catalogue Items' palette. These include:
 - The position of the available items and the selected items has been reversed.
 - items can be displayed as either a list, or using small, medium, or large thumbnails.

- 'Description', 'Length', 'Depth' and 'Height' filtering/search tools have been added.
- The price and the source catalogue of the selected item are indicated in the information section of the list of available items.
- Linked items are now added to their parent in the order indicated (bottom to top). Managing this is made easier through the addition of move up/move down buttons.
- A number of enhancements have been made to notifications of Clashes and Style Options:
 - It is now possible to define the 'open depth' for doors and windows respectively, which will reduce the number of unnecessary clashes being reported.
 - Unacknowledged Clash' Notifications will only be presented when absolutely necessary.
 - A counter has been added to each of the clash type sections to give a clearer indication of how many unacknowledged clashes of each type are present in the design.
 - Notifications for invalid style options also now include a counter for items that have invalid styles.