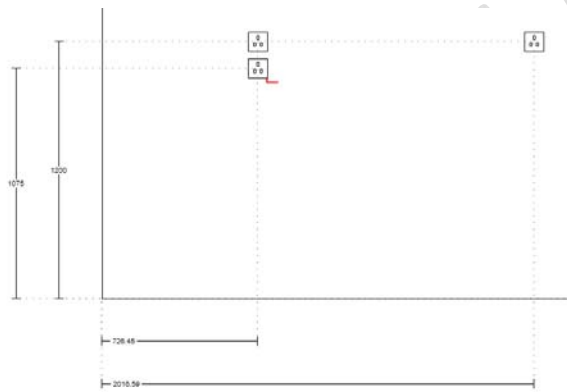# 2020 Fusion Version 6

## Pocket Guide: What's Different?
*(Between Version 6.0 & Version 6.1)*

## Dimensioning

### 118982 Automatic Removal of Duplicate Installation Dimension Rails

2020 Fusion's dimensioning system has been further optimised so that unnecessary duplication of installation symbol dimension rails is avoided. The result is a cleaner and tidier interface, as illustrated below:
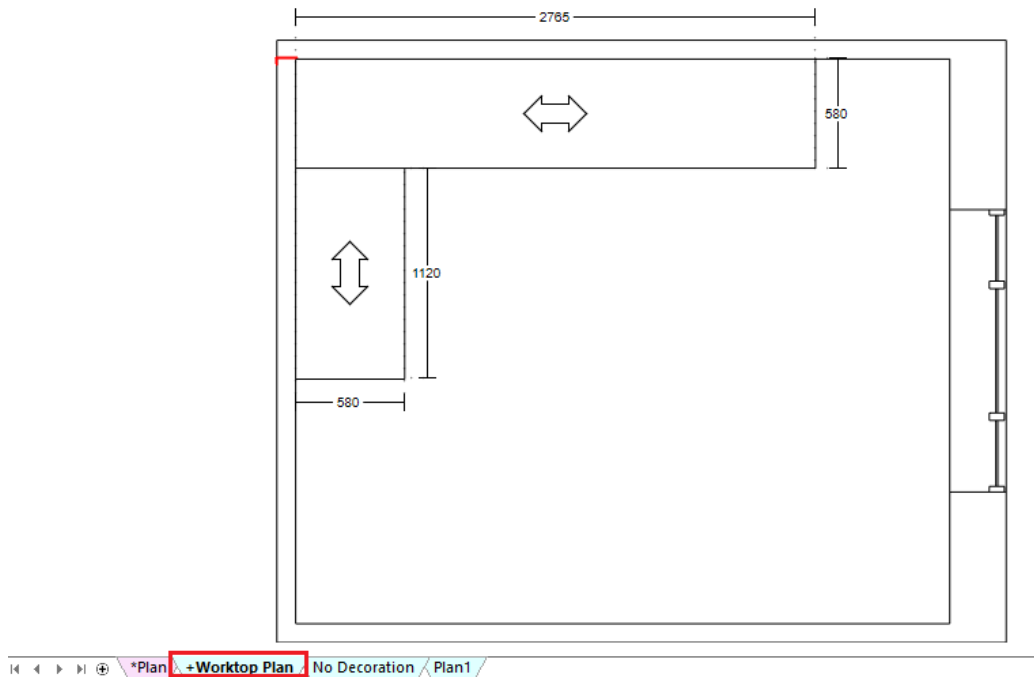


## Viewing, Lighting & Rendering

### 212876 Addition Of Predefined Named Views to New Named Views Interface &
### 233575 Scripted Batch Printing: Ability to Select Individual Predefined Tiling and Installation Views
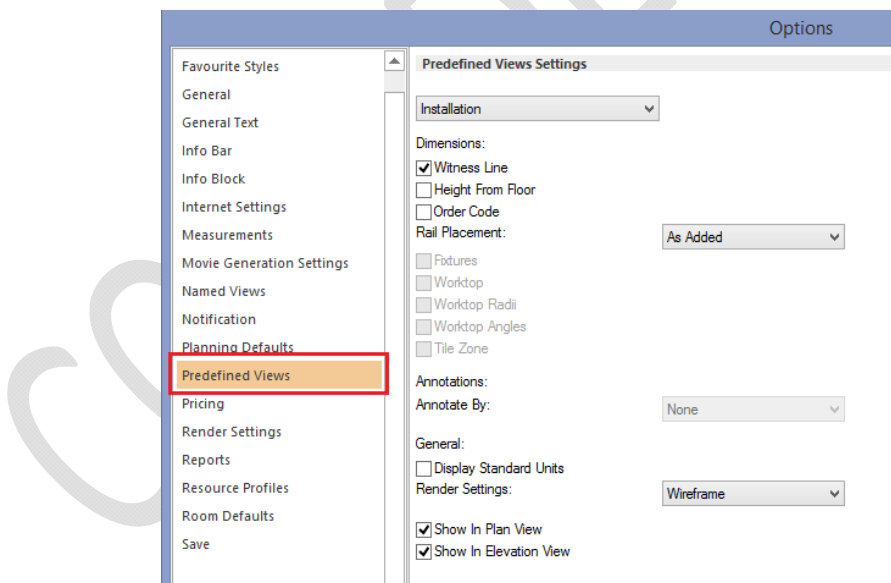
The new named views solution has been further enhanced in Version 6.1 through the addition of dedicated named views in respect of the 'predefined named views', which could previously only be viewed in the 'Print' backstage view.

Such views will be automatically generated whenever a design contains worktops, or if a given wall or floor contains tiling zones, or if a given wall has had installation symbols applied to it.

To differentiate from the other automatically generated named views, these views are prefixed with an '+'. The tabs themselves will also default to not follow the layer state of the main views, as they are designed only to show the products that they relate to. The user can override this if they wish by either changing other layer visibilities, or by right clicking on the named view tab itself and choosing to follow the main view's layer settings.

The default dimensioning and annotation settings for such views will continue to be dictated by the settings defined in the 'Predefined Views' area of Fusion's 'Options', although these can, of course, still be modified on a per named view basis.



It will also be possible to add an individual predefined named view to a batch set using the existing 'AddNamedView' scripting function, provided that the name and view type is specified.
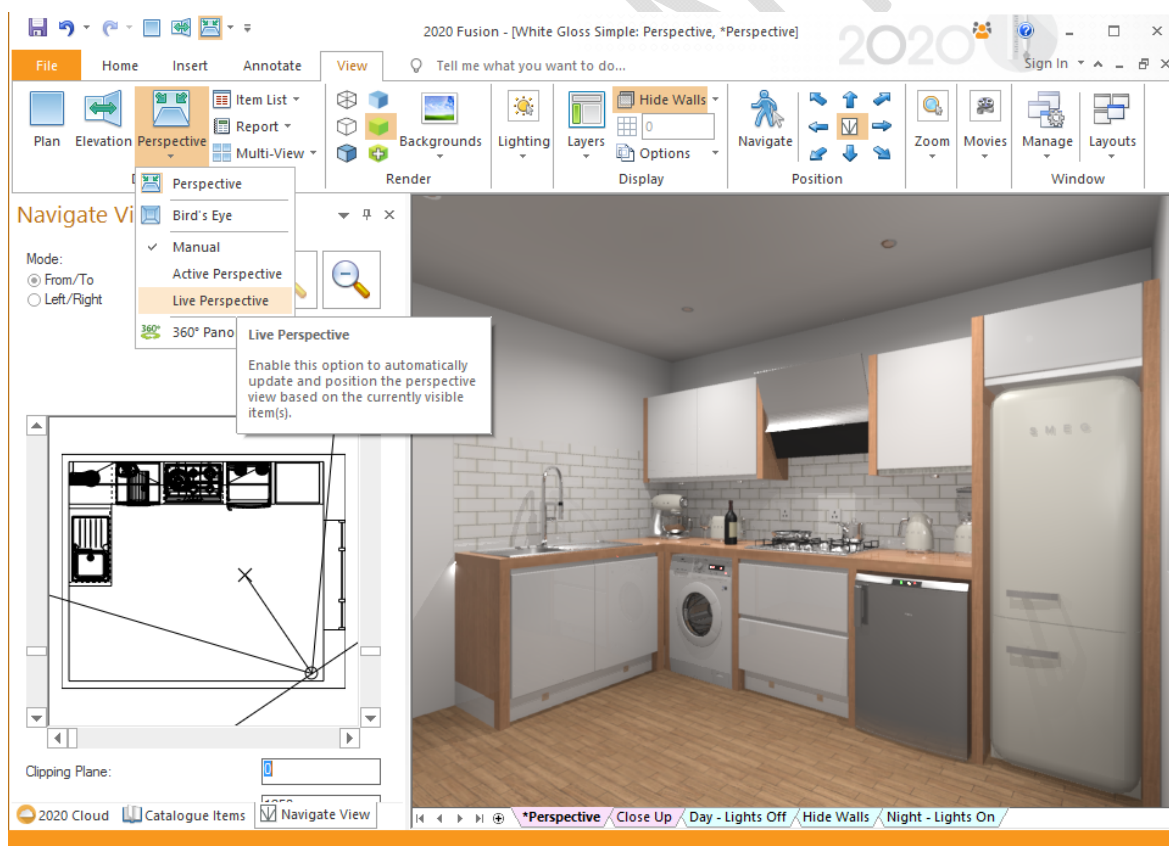
## 205723 'Live Perspective' Tracking Mode

Users of previous versions of 2020 Fusion will no doubt be familiar with the 'Active Perspective' tracking mode in the perspective view, in which a view is automatically updated and centred, based upon the selected items in the design. In Version 6.1 onwards, this same concept has been extended to also offer a 'Live Perspective' tracking mode, in which a view is automatically updated and centred, based upon all the currently visible items in a design, regardless of selection. The benefit of this mode is that a perspective view will continually update as products are added, but always ensure that whole design is displayed to the best effect.
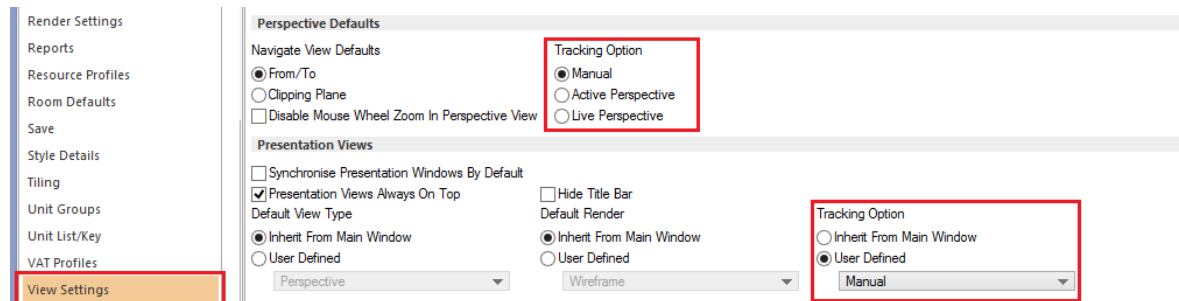
Following the addition of this new option, users have the freedom to choose to operate in one of three tracking modes – 'Live Perspective', 'Active Perspective' and 'Manual' – with 'Manual' continuing to allow the user to independently define their own viewing positions without any automated assistance.

The user will automatically enter the Manual tracking mode if they were previously in the Active Perspective or Live Perspective modes and they have subsequently repositioned the view using the 'Navigate Mini-Plan' or using the 'Navigate' mode on the 'View' ribbon.

The 'Birds Eye' view is now regarded a subset of the Manual tracking mode (i.e. if you select Bird's Eye then you will automatically switch to the Manual tracking mode); however, the Bird's Eye view will now dynamically update to always remain positioned in the centre of the overall design area, even as it is made larger or smaller.

The default tracking mode for both design views and presentation views can be defined in the 'View Settings' section of 2020 Fusion's 'Options':
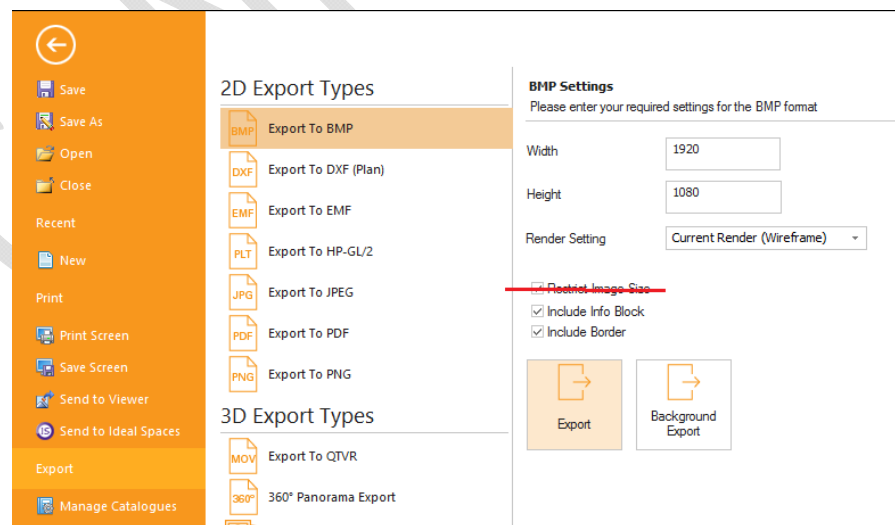


Note: These three modes operate on a per named view basis, so it is possible for the user to define different modal behaviours for each respective view.

Finally, as a result of implementing Live Perspective, it was felt that the 'Default' button was now effectively redundant (as Live Perspective is essentially an 'intelligent default') and, as such, it has now been retired.

## Printing & Export

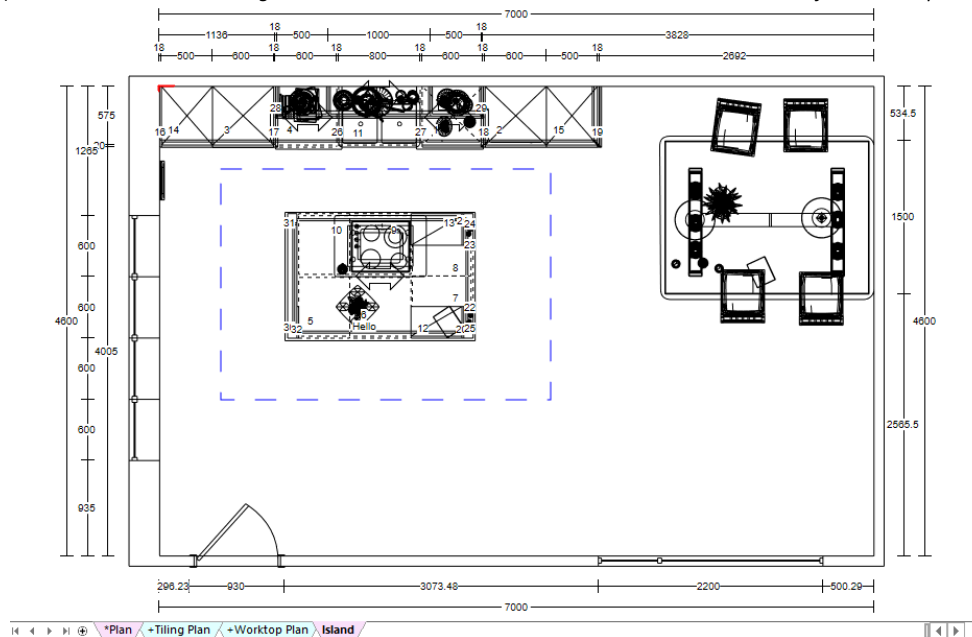### 212198 Retirement of 'Restrict Image Size' Checkbox

With 2020 Fusion now operating as a 64-bit only application, the application no longer needs to offer the user an option to restrict the image size for BMP, JPG and PNG exports; this option was only necessary in response to memory issues when working in a 32-bit environment and so is no longer relevant. Instead, a new (hard coded) maximum of 20,000 pixels for each of the width and height values will apply to the three export formats indicated.
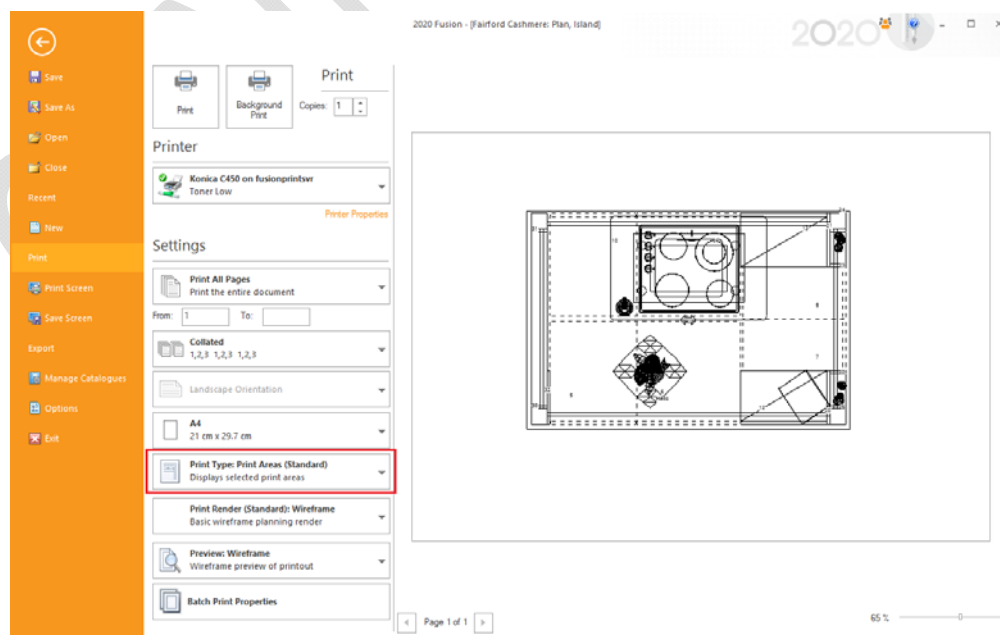
## 227773 Print Areas to Be Named View Specific

2020 Fusion's 'Print Areas' functionality allows a designer to be able to select a specific area of a given plan or elevation and choose to only print a view of that area. Previously, Print Areas operated on a global level but now, from Version 6.1 onwards, this now operates on a per named view basis, in association with Version 6's new named views solution.

*Example of a plan view named view with a print area defined*
*(Note: In this illustration 'Page Breaks' have been set to 'Visible' in the 'General' section of Fusion's 'Options')*



In practical terms, this means that a designer can now create multiple named views, with print areas only being applied to those that they choose. When previewing a named view in the 'Print' backstage view for which a print area has been defined and applied, the print area will be offered by default:
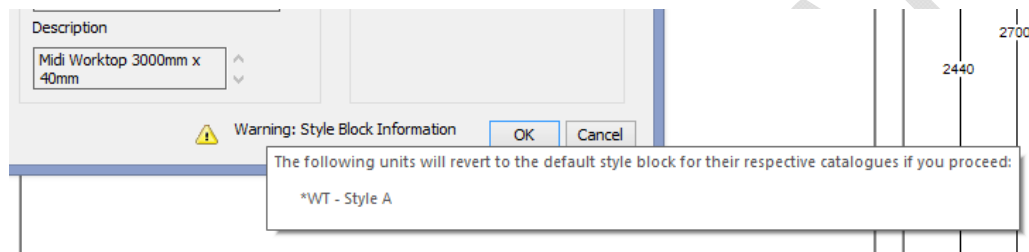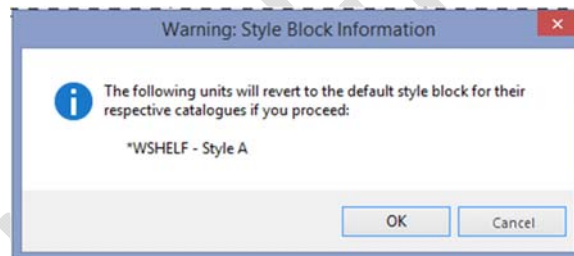
# Design Creation

### 218314 Warning Mechanism for AutoFeature Items in Additional Style Blocks

Similar to the above, it is also possible to independently change the style options of a given autofeature item so that they are different to that of the default style block. Previously, when re-running autofeatures, edit worktops, edit graphic fixtures, or edit flyover shelves, this fact would not be recognised and, as such, autofeature items would be reverted to using the default style block without notifying the user in any way. This also could result in incorrect designs, quotations, or orders.

From Version 6.1 onwards – when re-running autofeatures, the user will be informed via a notification symbol/message on the autofeatures dialog itself, with further details provided via a tooltip when the mouse is placed over the notification message:



When re-running edit worktops, edit graphic fixtures, or edit flyover shelves, the user will be presented with a dialog warning them of this fact:



The same dialog can be configured to also appear for autofeatures, via the following hidden PPPrefs.ini preference:

[Customise]
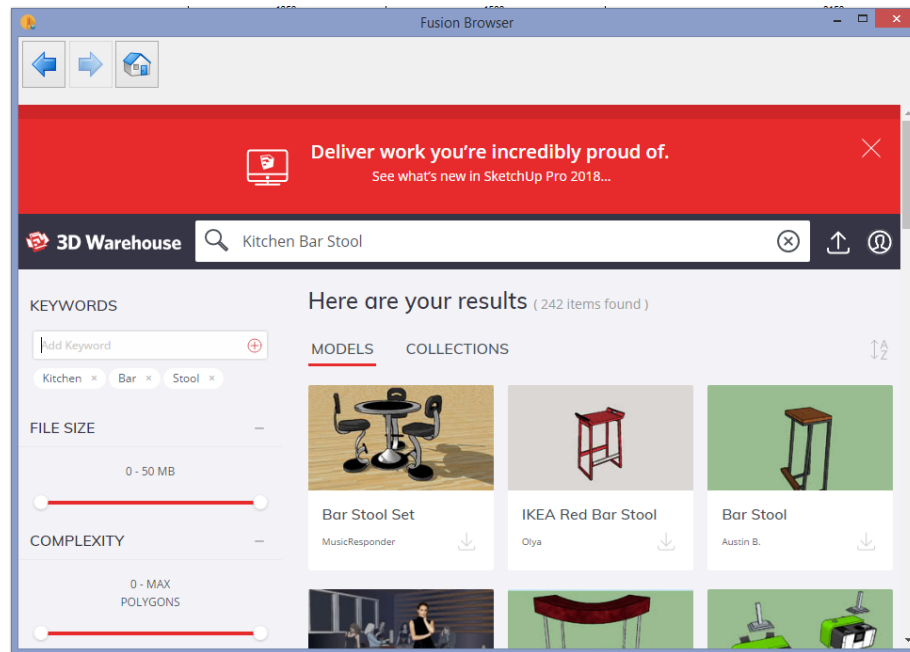
ShowStyleBlockWarningDialog = "1"


### 234112 Support for Trimble SketchUp 2018

In line with Trimble's release of SketchUp 2018, 2020 Fusion now supports the import of models created using this latest edition.

In addition, 2020 Fusion's 'Export to SketchUp' has been upgraded to export to this latest edition.

## NO REF* Trimble 3D Warehouse Browser Enhancements

Designers can expect an improved user experience when launching the Trimble 3D Warehouse browser, which is now resizable, can be minimised and maximised and also supports the use of the enter and return keys when searching for products.



## Customer Management

### 229432 (230219) Connect: Ability to Define Set a Default Title when Creating New Customers

In previous versions of 2020 Fusion, the 'New Customer' dialog in Connect, would always default to a title of 'Mr.'. Many of our customers indicated a desire to set this to either be blank by default, or to offer an alternative entry.

A new, hidden, preference has been created to allow this default to be defined in Fusion's PPPrefs.ini. For example, the following entry will set the default title to be blank:

[CMS]
DefaultTitle = "16"

For full details of the 'DefaultTitle' options, please refer to the 2020 Fusion 'Prefs Spec.'.

## Pricing, Reporting & Ordering

### 205096 EANCOM Order Generation: Option to Include Predefined Worktop Views (6.1)

The EANCOM solution allows the solution provider to define those graphical (named) views required to be sent along with the order via entries made in the eanmap.ini file (see 7504.6 EANCOM Order Generation specification). Previously, this was restricted to 'manually created' named views only and did not extend to the automatically generated views.

From version 6.1 onwards, users of the EANCOM solution are now able to also include either or both the (automatically generated) single and multiple worktop view options as part of an EANCOM order.

NOTE: This new functionality does not apply to automatically generated tiling and installation views.

### 206971 Block Summary Additions (6.1)

2020 Fusion's Block Summary dialog has been further enhanced, giving standard users the ability to show the retail values based on the trade block without the need for a trade password. Users with trade price user rights will be able to see the trade prices for both blocks, i.e. trade and retail.

In addition, it will now be possible to show the basic prices in the Block Summary dialog, which is helpful to the end user as all block manufacturers send their order responses with basic prices, as opposed to the dealer's trade prices.



In addition, a number of new configuration preferences have been added in respect of the Block Summary dialog – please refer to the specification for further details.

### 186176 Negative Threshold for Conditional Blocks (6.1)

Cat Admin will now accept negative values when defining conditional block thresholds, the benefit being that – with this facility – a conditional block within the threshold will be listed as the best block in the list.



## Scripting & Integration

### 209339 Ability to Run An Old Script (.rpt) From A New (.dll) Script (6.1)

The 2020 Fusion scripting solution has been further enhanced to allow a solution provider to be able to run a script originally created using Fusion's legacy scripting system from within a script using the new .NET based solution.

## Content Production & Deployment

### 233513 Catalogue Editor (Version 6): Support for Duplication (Copy/Paste) of LightWorks (Legacy Shader) Materials (6.1)

Catalogue Editor for Version 6 does not allow the editing of the old legacy (LightWorks) properties, as they are no longer used by the application. However, when copying and pasting Version 6 materials, lights, backgrounds and texture spaces (i.e. those for 3DE), the application will now also duplicate the corresponding legacy properties in addition to the contemporary ones.

Should the user wish to edit any of the legacy properties (i.e. for use with older Versions of 2020 Fusion), then this will need to be undertaken in Version 5.8 Catalogue Editor.