



# INFRAGISTICS WPF 18.1 – Volume Release Notes – March 2018

## Raise the Bar on Both BI and Desktop UI with Infragistics WPF Controls

Infragistics WPF controls provide breadth and depth in enabling developers to bring modern, trend-setting applications to market while shortening development time. If you need gesture/touch support, dynamic themes, and lightning fast performance in one WPF package, look no further.



## Installation

<b>Downloading</b>	<a href="#">Download WPF controls here.</a>
--------------------	---

## What's New:

Components	Feature Name	Descriptions
Financial Chart	New Control - XamFinancialChart	A new, lightweight, high-performance chart used to display financial data.
Infragistics Excel Library	Conditional Formatting	Conditional format support for new formats and existing ones imported from Excel.
Infragistics Excel Library	Worksheet Filtering	We have extended the filtering behavior to allow definition of a single area within the worksheet outside of a table that allows filtering. You can filter on one or more columns of data.
Infragistics Excel Library	List Validation	The Infragistics Excel Library now exposes a ListDataValidationRule allowing definition of a list of valid data values for worksheet cells.
Data Grid	Cell Merging	The XamDataGrid control now has full support for merged cells.
Data Grid	Image Field	We added an ImageField for usage with the XamDataGrid. This allows the ability to bind to an Image or URI in your view model and display the image directly in the grid.
Rich Text Editor	Accepts Tab Property	The new AcceptsTab property of the XamRichTextEditor will control the behavior of the editor when the tab key is pressed on the keyboard.
Rich Text Editor	Accepts Return Property	The new AcceptsReturn property of the XamRichTextEditor will control the effect of the Enter key when pressed in the editor.
Ribbon	StaysOpenOnClick Property for MenuTool	We added a new StaysOpenOnClick property for the MenuTool. This allows the menu to stay open when clicking the items inside the tool.

Spreadsheet	Conditional Formatting Support	The XamSpreadsheet has the ability to display the conditional formats defined by the Infragistics Excel Library.
Spreadsheet	Format Cells Dialog	A new dialog for applying different formats to your worksheet cells such as Alignment, Font, Border, Fill, Protection and Number formatting.
Spreadsheet	Worksheet Filtering	Various Text, Number, and Date filters have been added to the context menu of the XamSpreadsheet.
Spreadsheet	Worksheet Filtering Dialog	A dialog was added to help you to create custom filters in the XamSpreadsheet control.
Spreadsheet	Worksheet Sorting	Options to sort columns were added to the context of the XamSpreadsheet to sort the column alphabetically in ascending or descending order.
Spreadsheet	AutoFilter Support	Worksheet tables now have a drop-down in the header cells allowing auto-filtering.
Spreadsheet	Cell Dropdown	When a ListDataValidationRule is present, a drop-down can now be shown in the worksheet cells.

## What's Changed:

Components	Product Impact	Description
Busy Indicator	Bug Fix	"System.InvalidCastException" occurs when child control's IsTabStop is set via binding expression.
Data Chart	Bug Fix	Chart drawn incorrectly with future axis break is added (occurs after end of initial data)
Data Chart	Bug Fix	VisualData is not cleared when series renders with invalid member path
Data Chart	Bug Fix	ColumnSeries with TimeXAxis column tooltips show unsorted index values
Data Chart	Bug Fix	XamDataChart CrosshairLayer in wrong place when zooming in and out
		Notes: A scenario where the crosshair layer would not appear in the correct position for a DateTimeXAxis has been resolved.

Data Chart	Bug Fix	Updating trendline period does not update visual in OPD
Data Grid	Bug Fix	Records disappear after changing the data
Data Grid	Bug Fix	SelectedDataItems are not populated when SelectedItemsChanged event is raised
Data Grid	Improvement	<p>Cells are not virtualized correctly horizontally</p> <p>Notes: This was by design. Regardless of any property settings, we have logic to prevent recycling of CellValuePresenters between fields that don't match any of the following criteria:</p> <ul style="list-style-type: none"> <li>- EditorType (resolved)</li> <li>- EditAsType (resolved)</li> <li>- CellValuePresenterStyle</li> </ul> <p>However, in 17.2 forward we removed the EditAsType equality requirement so e.g. an int16 and an int32 field's CellValuePresenters could be recycled because they both will use a XamNumericEditor.</p>
Data Grid	Bug Fix	Text in the scroll tool tip is not correct.
Data Presenter	Bug Fix	<p>NullReferenceException in RecordPresenter OnIsActiveChanged method</p> <p>Notes: Added checks around vulnerable code in RecordPresenter.OnIsActiveChanged method.</p>
Data Presenter	Bug Fix	<p>Missing headers when binding to an ObservableCollection of interfaces</p> <p>Notes: The headers will remain after the first record is added in this scenario now, even after the collection being used as the DataSource is cleared.</p>

Data Presenter	New Functionality	<p>Application locking up when activating records while records are continuously updating</p> <p>Notes:  Added SuppressAutoActivationOnRecordDeletion to DataPresenterBase class which is the base class for XamDataGrid, XamTreeGrid, XamDataCards etc.</p> <p>If set to True this property will suppress the default behavior of the control when the currently active record is deleted, either by removing its related data item from the DataSource or by explicitly deleting the selected records thru the DeleteSelectedDataRecords command.</p> <p>This is intended to be used as an optimization and may be significant in certain scenarios where the data source is highly volatile, i.e. where records are being added and deleted many times a second.</p>
Data Presenter	Bug Fix	Records cannot be deleted from TemplateField after ungrouping.
DataGrid	Improvement	<p>Grouping by UnboundFields is impossible if setting GroupByEvaluationMode to "UseCollectionView"</p> <p>Notes:  Added support for grouping alternate bound fields when the GroupByEvaluationMode is 'UseCollectionView' and the app is running on a version of the .Net framework of 4.6.2 or greater. If the app is running on an earlier version then grouping for any Field whose BindingType is not 'UseNameBinding' will not be allowed to be grouped.</p> <p>The reason we were able to add this support for version 4.6.2 is because a new CustomSort property was added to the System.ComponentModel.GroupDescription class in that version.</p>

Drag and Drop Framework	Bug Fix	ArgumentNullException when mouse down on control  Notes: Made sure that null can't be passed into LogicalTreeHelper.GetParent(). Microsoft will throw an exception if we do.
Grid	Bug Fix	NullReferenceException is thrown when a filter is applied against a column bound to a complex property from FilterMenu.
Grid	Bug Fix	Column moving drag speed is slow and cannot be changed.
Infragistics Excel Engine	Bug Fix	Document excel engine causing issue when opening the file after upload
Infragistics Excel Engine	Bug Fix	ExcelCalcEngine.EvaluateAllReferences - Infinite? loop when reading value of a cell
Installer	Bug Fix	RoyallLightTheme is missing in NuGet
Installer	Bug Fix	Surface Chart default style not included in installation  Notes: Added the xaml file for SurfaceChart3D to the DefaultStyles in the installer
Numeric Editor	Bug Fix	When using the MetroDark theme there is no difference in appearance between an enabled and disabled editor
Property Grid	Bug Fix	The child list items are not been displayed when override the DisplayName  Notes: Resolved an issue in the XamPropertyGrid that occurred when a list-type property with a custom type descriptor exposed the contained list items as properties using a custom PropertyDescriptor that returned a modified value for the DisplayName. In this scenario the XamPropertyGrid was not correctly displaying the the value of items in the list.
Spreadsheet	Bug Fix	Hidden named references are not handled property in the Workbook and Spreadsheet