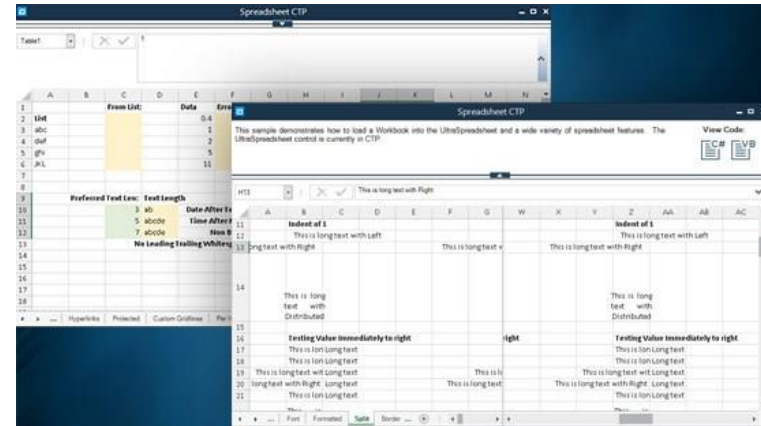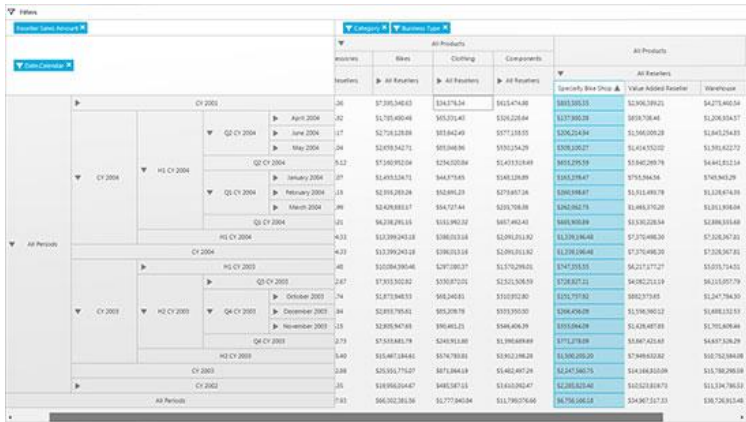# INFRAGISTICS Windows Forms 16.1 – Volume Release Notes – 2016

Raise the Bar on Both BI and Desktop UI with Infragistics Windows Forms Controls

Infragistics Windows Forms controls provide complete usability and extreme functionality to your next desktop application. Ensure app adoption when you create the experiences your customers already know, with Microsoft-inspired features that mimic Word, Excel, and Outlook.

Installation

Downloading	Download Infragistics Controls for WinForms here

What's New

Component	Feature	Description
UltraSpredsheet	Cell Alignment	The control supports many cell's content alignments.
UltraSpredsheet	Cell Borders	The control supports cell borders.
UltraSpredsheet	Cell Fill	The control supports different cell fill.
UltraSpredsheet	Cell In-Place Editing	The control supports "in-place" cell editing.
UltraSpredsheet	Copy and Paste	The control has full clipboard support.
UltraSpredsheet	Data Validation	The control supports data validation of the user input.
UltraSpredsheet	Font Styles	The control supports text font styling.
UltraSpredsheet	Formula Bar	The control supports content editing using a formula bar.
UltraSpredsheet	Freezing Panes	The control allows freezing of top row(s) and/or left column(s).
UltraSpredsheet	Gridlines	The control can show grid lines used to separate cells.
UltraSpredsheet	Headers	The control can show columns' and rows' headers.
UltraSpredsheet	Hiding	The control supports hiding of columns and rows.
UltraSpredsheet	Hyperlinks	The control supports hyperlinks.
UltraSpredsheet	Inserting and Deleting Cells, Columns and Rows	The control supports cells, columns and rows managing.
UltraSpredsheet	Resizing	The control supports resizing of columns and rows.
UltraSpredsheet	Shapes Support	The control supports shapes.

UltraSpredsheet	Selection	The control supports several selection modes which may be switched programmatically or by the user.
UltraSpredsheet	Splitting Panes	The control supports splitting of the worksheet view into panes.
UltraSpredsheet	Tab Bar Area	The control supports dedicated tabs area for switching between worksheets.
UltraSpredsheet	Undo and Redo	The control supports unlimited undo and redo operations.
UltraSpredsheet	Worksheet Background	The control supports worksheet background image.
UltraSpredsheet	Zooming	The control supports worksheet content zooming.
UltraGrid	Collapsing Column Groups	The UltraGridGroups collection supports ExpansionIndicators, allowing the user to hide all columns assigned to them.
UltraGrid	Collapsible Child Bands	The UltraGrid supports BandExpansionIndicators at the header of each child band, allowing for collapse/expand funcitonality on each child band.
UltraGrid	Enabling AutoEditMode	The AutoEditMode property is used to specify whether typing a displayable character will automatically enter edit mode on the active cell.
UltraPieChart	Data Source	Stores a reference to the Pie Chart's data.
UltraPieChart	ValueMemberPath	A string specifying the property name on the data model to be used as value.
UltraPieChart	LabelMemberPath	A string specifying the property name on the data model to be used as label.
UltraPieChart	LabelsPosition	An enumerated type that specifies how labels are arranged.
UltraPieChart	LabelExtent	Specifies the distance between the edge of the pie slice and the start of the label. Relevant when LabelsPosition is set to OutsideEnd.
UltraPieChart	ExplodedRadius	Determines the distance a pie slice shifts outward when it is exploded.
UltraPieChart	RadiusFactor	Determines the radius of the pie chart. When set to 1, the radius is equal to the minimum of the control's Width and Height.
UltraPieChart	AllowSliceSelection	Permits or disallows pie slice selection.
UltraPieChart	StartAngle	The offset angle, in degrees, at which pie slices start to be rendered.
UltraPieChart	Legend	Stores an optional reference to the Item Legend object to be associated with the Pie Chart.

UltraPieChart	Brushes	An optional reference to a collection of brushes, used in sequential order to color the pie slices.
UltraDoughnutChart	AllowSliceSelection	You can enable or disable the ability to select slices or not.
UltraDoughnutChart	SelectedStyle	You can define how the selected slices will look by defining a style and assigning it to the SelectedStyle property of the RingSeries.
UltraDoughnutChart	SliceClick	If you attach an event handler for the SliceClick event, it supplies a reference to the clicked slice in the event arguments allowing you to modify its selection state.
UltraDoughnutChart	SelectedSlices	You can change the selected slice by changing the contents of the SelectedSlices collection.
UltraRadialGauge	Background	Displayed as a circle, the background section of the UltraRadialGauge control is where all the different elements such as needles and tick marks are added to the gauge.
UltraRadialGauge	Labels	The gauge labels are visual elements displaying numeric values at a specified interval on the scale.
UltraRadialGauge	Needles	A gauge needle is a visual element used to signify a gauge set value and consists of needle cap overlays or underlays; the gauge needle's pivot point.
UltraRadialGauge	Ranges	A range highlights a set of continuous values bound by a specified minimum and maximum value on a gauge scale.
UltraRadialGauge	Scale	Used to represent the values of the gauge visually, a scale defines a range of values in the UltraRadialGauge control. The tick marks and ranges are all the elements that can be added to a scale.
UltraRadialGauge	Tick Marks	The radial gauge tick marks are visual elements displayed as lines at specified intervals on the gauge.
UltraCode128Barcode	Data	Stores barcode human-readable data representation.
UltraCode128Barcode	CodeType	Specifies what standard is used for visualizing the barcode.
UltraCode128Barcode	ShowText	Boolean property to either display or hide the human-readable barcode text.
UltraQRCodeBarcode	Data	Stores barcode human-readable data representation.
UltraQRCodeBarcode	CodeType	Specifies what standard is used for visualizing the barcode.

UltraQRCodeBarcode	ShowText	Boolean property to either display or hide the human-readable barcode text.
UltraTabControl	RightToLeft	The Right-to-Left mode flips the control's displayed text and UI elements across the line of symmetry, or axis of reflection, rendering a mirrored view of the control.
UltraTabStripControl	RightToLeft	The Right-to-Left mode flips the control's displayed text and UI elements across the line of symmetry, or axis of reflection, rendering a mirrored view of the control.

What's Changed

Component	Product Impact	Description
Infragistics Excel	Bug Fix	Loading and saving an excel file destroys its slicers.
Infragistics Excel	Bug Fix	Infragistics.Documents.Excel.FormulaParseException thrown loading a workbook that contains column(s) with RANK.EQ function applied.
Infragistics Excel	Bug Fix	ArgumentNullException is thrown when try to save XLSX file with hidden named region.
Infragistics Excel	Bug Fix	OutOfMemoryException when loading file with images in the header/footer.
Infragistics Excel	Bug Fix	Excel load workbook index out of range when loading an XLSX without CellStyleXfs.
Infragistics Excel	Bug Fix	Excel Load style cannot be set.
UltraDataChart	Bug Fix	SeriesMouseLeftButtonDown event fires by clicking the right mouse button.
WinButton	Bug Fix	Crash when disposing button with tooltip.
WinCalendarInfo	Bug Fix	Multiday appointment becomes one day shorter when set to all day event.
WinCalendarInfo	Bug Fix	ArgumentOutOfRangeException is thrown when selecting range of dates and current date is DateTime.MaxValue.
WinChart	Bug Fix	Grid lines and axis labels are not scrolled horizontally for a composite chart if X axis data type is Time.
WinChart	Bug Fix	Series labels look as if they were ones of the next series when labels are rotated.

WinCheckEditor	Bug Fix	Narrator does not read control
WinComboEditor	Bug Fix	Up and Down arrow keys not working when trying to select from dropdown list.
WinDockManager	Bug Fix	IsInView property is not consistent between float a pane by double click it and float a pane by context menu.
WinDropDown	Bug Fix	[Win10] - Assigning the EditorComponent property of a UltraGridColumn will prevent MouseWheel from scrolling items while the dropdown is active.
WinEditors	Bug Fix	Dropdown button painted one pixel smaller in Office 2013 style.
WinExcelExporter	Bug Fix	Grid's exporting to excel takes more than expected with filtered rows.
WinExcelExporter	Bug Fix	Cell values from a column with LabelPosition=LabelOnly are exported to Excel.
WinFormattedTextEditor	Bug Fix	[GDI+] Blank spaces are ignored when underlining strings.
WinGanttView	Bug Fix	Too many handled FormatException are thrown while TaskDialog window is opening.
WinGanttView	Bug Fix	The intervals aren't displayed correctly when the LogicalDayOffset is positive with non-zero minutes.
WinGrid	Bug Fix	StackOverflowException is thrown when a focused cell is move by Tab key on a grid with a lot of cells set to TabStop = false.
WinGrid	Bug Fix	GDI objects exceed the 10000 limit when gcServer is set to true and ControlContainerEditors are added.
WinGrid	Bug Fix	Exception when viewing control in design view after upgrade.
WinGrid	Bug Fix	Clipboard Operations - Null Exception on PerformAction(exit edit mode).
WinGrid	Bug Fix	Application hangs when set new data source and there are GroupByRows.
WinGrid	Bug Fix	Crash when simultaneously selecting group and column outside that group.
WinPivotGrid	New Functionality	Not able to set custom text for Utilization node.
WinToolbars	Bug Fix	Active item in dropdown is not selected when pressing Enter key.
WinToolbars	Bug Fix	UltraToolbarsManager Ribbon interface with its menu containing a ListTool, is throwing object reference exception.

WinToolbarsManager	Bug Fix	NullReferenceException in UltraWinToolbars.PopupToolUIElement.PositionChildElements().
WinToolbarsManager	Bug Fix	Cannot navigate ListView in UserControl as PopupControlContainer tool.
WinToolbarsManager	Bug Fix	Not able to enter data when UltraToolbarsManager Ribbon is unpinned in MDI Application.
WinToolbarsManager	Bug Fix	The shortcut keys doesn't work once the form is undocked.
WinToolbarsManager	Bug Fix	Application system menu does not display correctly on Japanese system with System Locale set to Australian.
WinTrackBar	Bug Fix	TrackBar's thumb disappear when UseAppStyling is true and RightToLeft is Yes.
WinTree	Bug Fix	Possible performance improvement for UltraTree.
WinTree	Bug Fix	SelectedNodes Contains method doesn't work properly.
WinTree	Bug Fix	Designer adds wrong code in localized form.
WinWeekView	Bug Fix	WeekView scrollbar doesn't scroll up on forward mouse wheel.
WinWinFormManager	Bug Fix	Dialog window does not blink when lose focus.