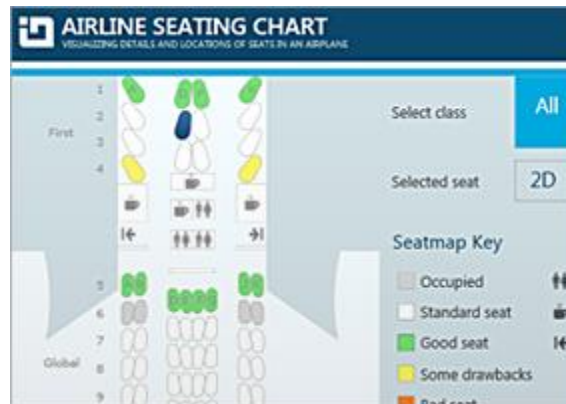# INFRAGISTICS WPF 14.1 – Service Release Notes – April 2015

Raise the Bar on Both BI and Desktop UI with NetAdvantage for WPF Controls

NetAdvantage for 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

Downloading	[Download Infragistics Ultimate here.](#)

What's Changed

Components	Product Impact	Description
Barcode	Bug Fix	The PDF 417 Barcode doesn't appear with the proper height.
Calendar	Bug Fix	The foreground of the selected Calendar Items should be changed in the Office 2010 Black theme.
Calendar	Bug Fix	The header style is ignored at runtime when it is styled via color tuner.
Color Picker	Improvement	Caption properties are not being set when the control is placed in the ItemTemplate of an ItemsControl. Notes: Changes in the way that the xamColorPicker *Caption properties are initialized - the default values are added when the *Caption dependency properties are registered.
Color Picker	Bug Fix	Incorrect behavior when adding customized resources.
Combo Editor	Bug Fix	There is memory leak when bound to a static data source.
Combo Editor	Bug Fix	XamComboEditor doesn't show tip text for error info when it gets the focus in the Office 2010 Blue theme.
Combo Editor	Bug Fix	Error disappears after updating the binding.
Combo Editors	Bug Fix	Resizing does not function properly when the FlowDirection is set to RightToLeft or when in WPF menus are right-aligned.
Combo Editors	Bug Fix	Combo Editors dropdown is not always displayed correctly when changing the MaxDropDownHeight in runtime.
Combo Editors	Bug Fix	Combo Editor with wrapped text and selected items throws an exception and its popup is not correctly positioned.
Combo Editors	Bug Fix	The Combo Editors dropdown height is not preserved.

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Combo Editors	Bug Fix	ArgumentException is thrown on close when a theme is set and multi-select combo editor is used.
Combo Editors	Bug Fix	Selection is not cleared when the SelectedValue property is set to an invalid value.
Data Chart	Bug Fix	The larger content in the PlotAreaBackgroundContent causes the chart to skew axis and series. Notes: When the control set as content of PlotAreaBackgroundContent has a specific measure algorithm, this leaded to error in chart layout rendering.
Data Chart	Bug Fix	Exception is thrown when PanModifier is set to "None".
Data Chart	Bug Fix	Binding errors in the Output window when the control is created through code behind. Notes: A scenario where some unnecessary but benign binding errors were displayed has been resolved.
Data Chart	Improvement	A first chance exception of type 'System.ArgumentException' occurs when StackedFragmentSeries are added dynamically. Notes: A member path scenario with drilling off of an indexer has been added to the supported member path scenarios.
Data Chart	Bug Fix	Data Chart doesn't support "[0].Value" member paths.
Data Chart	Improvement	DataContext's Item Property is null. Notes: There are now some scenarios under which item will be populated in DataContext for a column series. However, item is never guaranteed to be populated on DataContext as a column may be a stand in for multiple data items. You must anticipate a null value and handle appropriately.
Data Grid	Bug Fix	Extra scrollbar appears when using a storyboard and scale transform.
Data Grid	Bug Fix	IndexOutOfRangeException is thrown when adding sorted fields before loading.
Data Grid	Bug Fix	StackOverflowException is thrown when canceling the EditModeEnding event.
Data Grid	Bug Fix	AppDomain.FirstChanceException event fires with ArgumentException, when opening filtering combo box.

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Data Grid	Bug Fix	Filter values are not being updated after new items are added to the DataSource and the filter was previously opened. Notes: Resolved an issue in the XamDataGrid/XamDataPresenter where the unique data values displayed in the FilterCell dropdown were not refreshed when the underlying items source was changed.
Data Grid	Bug Fix	GroupByRecord collapsed after filtering.
Data Grid	Bug Fix	LoadCustomizations causes TargetInvocationException when resetting the data source. Notes: Resolved an issue in the XamDataGrid which resulted in a TargetInvocationException when a filter is active and the grid's data is refreshed with a list of items of a new dynamically created type that contains the same properties as the type in the original list.
Data Grid	Bug Fix	Selection on mouse over using triggers is not working correctly.
Data Grid	Bug Fix	Resetting the margin of the DataRecordPresenter makes the area of records to be redrawn incorrectly.
Data Grid	Bug Fix	Double field in first position produces error *ding* sound when tabbing out of AddNewRecord.
Data Grid	Bug Fix	Incorrect layout after fixing a field, rotating the layout of the control then adding a new field.
Data Grid	Bug Fix	Incorrect layout after hiding a field and flipping the orientation of the control.
Data Grid	Bug Fix	TargetInvocationException is thrown when a summary with custom format is applied.
Data Grid	Bug Fix	RecordsInViewChanged is not firing for the first record in the view when the grid is placed as content of other control.
Data Grid	Bug Fix	Disabling the grid does not disable the filter row.
Data Grid	Bug Fix	There is no way to change the control's culture and language at runtime. Notes: A method (RefreshLocalizedResources) has been added to the Utilities class so resources cached by Infragistics controls.
Data Grid	Bug Fix	Record position is not reflected on the UI if a record is out of view.
Data Presenter	Bug Fix	Expanding children and collapsing the parent leads to a bigger record selector when parent numbers are shown.

Data Presenter	New Functionality	Selection using shortcuts such as Ctrl+Shift+End/Home does not work after cell edit mode ends.
		
		Notes:
		This was not a bug. It was the result of the cell not being selected after ending edit mode, which is by design. It was active but not selected, in fact no cell is selected automatically after leaving edit mode.
		
		We did add a 'Reason' property to both the EditModeEnding and EditModeEnded event args. In addition we added a 'SelectCell' boolean property to the EditModeEnded event args to allow fine grained control of this behavior. E.g.. the following code will cause the cell that is leaving edit mode for certain reasons to get selected after the process completes:
		
		private void Grid_EditModeEnded(object sender, EditModeEndedEventArgs e)
		{
		switch (e.Reason)
		{
		case Infragistics.Windows.DataPresenter.EditModeEndingReason.EscapeKeyPressed:
		case Infragistics.Windows.DataPresenter.EditModeEndingReason.EnterKeyPressed:
		case Infragistics.Windows.DataPresenter.EditModeEndingReason.CellActivation:
		case Infragistics.Windows.DataPresenter.EditModeEndingReason.RecordActivation:
		e.SelectCell = true;
		break;
		}
		}

Data Presenter	Bug Fix	CellPageAbove/Below triple slash comment is not clear enough.
Data Presenter	Bug Fix	XamlParseException is thrown when opening multiple windows in different threads.
Data Presenter	Bug Fix	RowNotInTable exception is thrown for each row when reloading a data table with summaries activated.
Data Presenter	Bug Fix	Application hangs when there is a record with very large content.
Data Presenter	Improvement	Enrich the triple slash comment for the ClearCellContents command.
Data Presenter	Bug Fix	The border of the cell is missing when you enter it in edit mode in the Office2010Blue theme.
Data Tree	Bug Fix	Performance issue when checking all nodes.

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Data Tree	Bug Fix	The Node's IsEnabled visualization is not reflected properly when it is set from the view model.
Data Tree	Bug Fix	When editing a xamDataTree item, the text box is not styled in themes.
Data Tree	Bug Fix	The InitializeNode event is not fired for nodes that represent collections.
Data Tree	Bug Fix	NullReferenceException is thrown when the horizontal scrollbar is missing from the XamDataTree template and one sweeps over the tree in touch mode.
Data Tree	Bug Fix	Adding a new node clears ActiveNode when is set deeper in the hierarchy.
Data Tree	Bug Fix	The active node becomes null after removing its first child.
Data Tree	Bug Fix	A node without a child node does not accept a dropped node unless the node previously had a child node.
Date Navigator View	Bug Fix	The space for the week number is not removed although visibility is set to collapse in xamDateNavigator when a theme is applied.
Date Navigator View	Bug Fix	The week number selection is not styled in the Metro Dark theme.
Date Navigator View	Bug Fix	The week numbers are not clearly visible when there is a selection and the Metro Dark theme is applied.
Date Time Editor	Bug Fix	When IsAlwaysInEditMode is set to true, the SelectedDate in the dropdown is not reset to Today after the Value is set to null.
Date Time Editors	Bug Fix	Alignment inconsistency in the themes for xamDateEditor.
Date Time Input	Bug Fix	Validation error is not displayed when ErrorsChanged is invoked.
Dialog Window	Bug Fix	KeyTips are shown when a modal dialog is opened.
Dialog Window	Bug Fix	IsDefault button on a window is still clicked when pressing enter if the modal dialog window is open. Notes: Even though the fix prevents the original default button from clicking, there is no way to use a second button with IsDefault property in the XamDialogWindow, as it does not inherit from Window.
Dock Manager	Bug Fix	A content pane in TabGroupPane with IsPinned set to "False" does not unpin on startup.
Dock Manager	Bug Fix	Application crashes when the control with a FloatingPane is placed inside of a Tab and the window is being closed.

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Dock Manager	Improvement	Adding a property for evaluating the visibility of the content pane. Notes: A read-only IsVisibleResolved property has been to the ContentPane that considers the IsVisible property as well as considering if an unpinned pane is displayed within the unpinned flyout. An IsVisibleResolvedChanged direct event has also been added to the ContentPane and is invoked when the IsVisibleResolved property value changes.
Drag and Drop Framework	Bug Fix	A third party ScpEnhancedImageControl cannot be dropped.
Excel	Bug Fix	Quoted periods are changed to slashes in Excel engine cell format. Notes: Fixed an issue in the Excel library where quoted literal characters were being incorrectly changed based on culture when saving.
Excel	Bug Fix	IndexOutOfRangeException is thrown.
Excel	Bug Fix	Exception of type System.ArgumentOutOfRangeException is thrown when loading an .xls file using the Workbook Load method. Notes: Fixed an issue with the Excel library where an ArgumentOutOfRangeException could be thrown when loading an .xls file.
Excel	Bug Fix	FormulaParseException is thrown when loading an Excel that has a named range containing '?'. Notes: Fixed an issue in the Excel library where the '?' character was not being allowed in named reference names.
Excel	Bug Fix	FormulaParseException is thrown on loading an Excel if there is a cell that has a reference to a worksheet which name contains characters like 【】 or 「」 or some MathSymbol Unicode characters. Notes: Fixed an issue in the Excel library where some Unicode characters in the open and close punctuation categories were not being allowed in named reference or worksheet names in formulas.

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Geographic Map	Bug Fix	GetUnscaledValue returns wrong longitude. Notes: A scenario where sometimes GetGeographicFromZoom wouldn't return the full bounds has been resolved.
Geographic Map	Bug Fix	GeographicSymbolSeries do not load.
Grid	Bug Fix	The horizontal scroller stays visible after resizing the window when there are only fixed columns.
Grid	Bug Fix	NullReferenceException is thrown when clearing the filter through the Clear filter button after ungrouping.
Grid	Bug Fix	The filter menu shows the items of ComboBoxColumn using the SelectedValuePath property value. Notes: A new converter property named FilterMenuItemConverter of type IValueConverter is added for the xamGrid ComboBoxColumn and MultiColumnComboColumn to provide an easy way for converting the displayed items text in the filter menu.
Grid	Bug Fix	Memory leak when a filter is applied and the parent window is closed.
Grid	Bug Fix	The fixed column's drop area is not visible in the Metro Dark theme.
Grid	Bug Fix	The empty value text disappears in Date column if any theme is applied.
Grid	Bug Fix	"Contains" and "Does not Contain" icons are not descriptive enough in the Office 2013 theme.
Grid	Bug Fix	A row is added after ending edit mode in the FilterRow.
Grid	Bug Fix	NullReferenceException is thrown when changing the theme after showing the filter menu.
Grid	Bug Fix	NullReferenceException is thrown on bound data PropertyChanged notification.
Grid	Bug Fix	Column chooser is not displayed correctly after opening the second time if the xamGrid flow direction is right to left.
Grid	Bug Fix	Empty key warning message appears for the first child column in the Visual Studio 2013 designer for a column with a key.
Grid	Breaking Change (Other)	Cannot change a hidden column's visibility by using the Column Chooser if a column belongs to a group column. Notes: Until now, when you try to collapse the last visible column in a group, its parent column is collapsed and the child column remains visible. Now, this behavior is changed – if you collapse the last visible child column - it is collapsed

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		as well as its parent column. The other change is when you switch the visibility of a parent column from collapsed to visible – the parent column becomes visible as well as all its children columns.
Grid	Bug Fix	InvalidCastException is thrown when accessing the GroupByRow's ChildBands. Notes: The GroupByRow ChildBands collection property is changed to return null because it is not supported by design for a row of type GroupByRow.
Grid	Bug Fix	The selected row occasionally changes as the row order is changed by drag and drop.
Masked Input	Bug Fix	MaxInclusive is not working properly when ValueConstraint is changed frequently.
Masked Input	Bug Fix	NullReferenceException is thrown, when ValueType is set to Guid.
Masked Input	Bug Fix	Value is not updated when the control is bound to a property.
Masked Input	Bug Fix	The input is modifiable even though IsReadOnly is True.
Multi Column Combo	Bug Fix	Inconsistent scrolling behavior when one row has wrapped content. Notes: The main scrolling problem of items with different height is resolved but there still could be seen some undesired blinking when scrolling due to the virtualization in the XamComboEditor.
Multi Column Combo	Bug Fix	NullReferenceException is thrown when binding to ITypedList.
Multi Column Combo	Bug Fix	Exception is thrown when a custom property descriptor uses type Double.

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Pivot Grid	Bug Fix	The CellEdited event does not fire when the application is being closed.
		
		Notes:
		The xamPivotGrid doesn't automatically save the unsaved changes on window closing. The desired behavior can be achieved handling the window closing event as follows:
		
		``csharp
		private void Window_Closing(object sender, System.ComponentModel.CancelEventArgs e)
		{
		    var control = pivotGrid.EditSettings.Editor as PivotEditControl;
		
		    if (control == null)
		        return;
		
		    if (control.IsInEditMode)
		    {
		        control.ExitEditMode(true, false);
		    }
		}
		``

Pivot Grid	Bug Fix	ArgumentNullException is thrown when loading customizations with hierarchy which no longer exists in the data source.
Pivot Grid	Bug Fix	InvalidCastException when loading a collection of multi-type items inheriting a common interface.
Pivot Grid	Bug Fix	The ResultChanged event is not raised when loading a large amount of data.
Reporting	Bug Fix	The fields of the first page are not correctly rendered when having a GroupByRecord and AutoFitMode is set to "true".

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Reporting	Improvement	ReportSettings.PageSize doesn't affect paper size of printer.
		
		Notes:
		Obsoleted PageSize property of ReportSettings and replaced it with PageMediaSize property that allows specification of the media size and the printable area width and height.
		
		Note: PageSize will still be honored if PageMediaSize.Width and Height aren't specified.
		
		The PageMediaSize class is defined in the System.Printing namespace in the ReachFramework assembly.
		
		Here are examples of setting the new property:
		
		var report = new Report();
		
		report.ReportSettings.PageMediaSize = new PageMediaSize(PageMediaSizeName.NorthAmericaLegal);
		or
		report.ReportSettings.PageMediaSize = new PageMediaSize(PageMediaSizeName.ISOA4, width: 210, height: 297);

Ribbon	Bug Fix	XamRibbonWindow's Content is not fully visible.
Ribbon	Bug Fix	WindowsFormsHost overlaps the content of the Application Menu.
Ribbon	Bug Fix	The Quick Access Toolbar is hidden after changing the theme through the application menu.
Ribbon	Bug Fix	Error validation is broken on tab changing.
Ribbon	Bug Fix	KeyTips stop working after the first try with FocusManager.IsFocusScope="False".
Ribbon	Bug Fix	Items in ToolHorizontalWrapPanel are not arranged correctly.
Ribbon	Bug Fix	Color inconsistency
Ribbon	Bug Fix	InvalidOperationException is thrown when an ApplicationMenu bound to a list of commands is opened.
Ribbon	Bug Fix	ApplicationAccentColor does not affect the hover and pressed states of tools and tab headers.
Ribbon		XamRibbonWindow overlaps the other screen when using the "Windows Basic" theme in a multiple display mode.
Rich Text Editor	Bug Fix	Tables inserted in a list have no in-cells bullets and are not properly aligned.
Rich Text Editor	Bug Fix	A nested table with double border in a table with double borders overlaps the border in one big border.

Rich Text Editor	Bug Fix	Paragraph spacing is increased and differs a lot from MS Word.
Rich Text Editor	Bug Fix	The list indicator is adding too much paragraph spacing.
Rich Text Editor	Bug Fix	A white point appears at the bottom right corner when Background is set. Notes: Resolved an issue in the XamRichTextEditor where a single white pixel was displayed in the lower right corner of the control when the document background was set to a color other than white and the vertical and horizontal scrollbars were not visible.
Rich Text Editor	Bug Fix	Title numbering is lost when a word document is exported to RTF. Notes: Fixed an issue with the RTF saving of the RichTextDocument where the list numbers might not appear correctly when the file is opened.
Rich Text Editor	Bug Fix	Image is not exported to RTF. Notes: Fixed an issue with the RichTextDocument where RTF files saved and opened in WordPad on a Windows 7 machine would not display images.
Rich Text Editor	Bug Fix	Copy to clipboard using Ctrl+C after double click selection is not working. Notes: Fixed an issue in the XamRichTextEditor where content from the first copy operation performed may take a while to appear on the clipboard, so an immediate paste operation may paste stale data.
Rich Text Editor	Bug Fix	Rich Text Editor imports from HTML missing table borders. Notes: Fixed two issues in the RichTextDocument where cell borders were not always displaying correctly and cells with no text in HTML were sometimes not being included in the loaded table.
Rich Text Editor	Bug Fix	UpdateSelectionWithSpans throws NullReferenceException when selecting the whole paragraph and replacing its content.
Rich Text Editor	Bug Fix	Pasting in a list is not working when using PlainTextSerializationProvider.

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Rich Text Editor	Bug Fix	ImageNode's Transform is not working if RenderSize is set. Notes: Fixed an issue in the RichTextDocument where images might not be rotated correctly when their render size is set.
Rich Text Editor	Bug Fix	Vertical line spacing is different in MS Word. Notes: Fixed an issue with the RichTextDocument where default paragraph and character settings were not being reflected in the resolved settings of the nodes.
Rich Text Editor	Bug Fix	Text shakes as the caret moves. Notes: Resolved an issue in the XamRichTextEditor that occurred when arrowing left and right from character to character within a line that is taller than the viewable area of the control. In this case the text would shift position up and then down with each key press.
Rich Text Editor	Bug Fix	Error message appears in the output window when loading RichTextDocument. Notes: Eliminated some Visual Studio Output window debugging messages that erroneously appeared in certain situations. The messages include: 'Can't map offsets while layout is being built' and 'GetCaretLayoutFromDocumentOffset document offset: n not found' and 'CaretLayoutInfo not available!'
Schedule	Bug Fix	The reminder combo box is not styled in all themes except in the Metro Dark theme.
Schedule	Bug Fix	The selection of the reminder ComboBox in the activity dialog should not have borders in the Office 2013 theme.
Schedule	Bug Fix	NullReferenceException is thrown multiple times when null DateRecurrenceRuleBase is added to the Rules collection. Notes: Fixed an issue in the Schedule library where null entries were allowed to be added to the DateRecurrence.Rules collection.
Schedule	Bug Fix	The activity recurrence count is not respected when the interval is greater than 1.

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Schedule	Bug Fix	Decimal values for Reminder or Recurrence cannot be set when using German culture.
Schedule	Bug Fix	Appointment is not added after initially cancelling the Add operation and then adding through dialog window.
Shared	Bug Fix	Missing header icon in the IG & Office2010Blue themes in the XamSpellCheckerDialogWindow.
Slider	Bug Fix	XamDateTimeRangeSlider doesn't work as expected when is hosted in a ControlTemplate.
Themes	Bug Fix	The inner RingSeries of a DoughnutChart is not visible in the MetroDark theme.
Tile Manager	Bug Fix	Scrolling doesn't work smoothly. Notes: A TileRetentionMode property has been added to XamTileManager. It defaults to 'Release' which will cause generated tiles that are scrolled out of view to be released which will eliminate unnecessary elements from remaining in the visible tree. This preserves the current behavior. When TileRetentionMode is set to 'Retain' then generated tiles that are scrolled out of view will be retained in the visual tree to optimize scrolling performance when they are subsequently scrolled back into view.
Tile Manager	Bug Fix	Tile does not show when its visibility is bound to a property from ViewModel and new ViewModel is created.
Zoombar	Bug Fix	The Minimum and the Maximum properties have the same value.

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