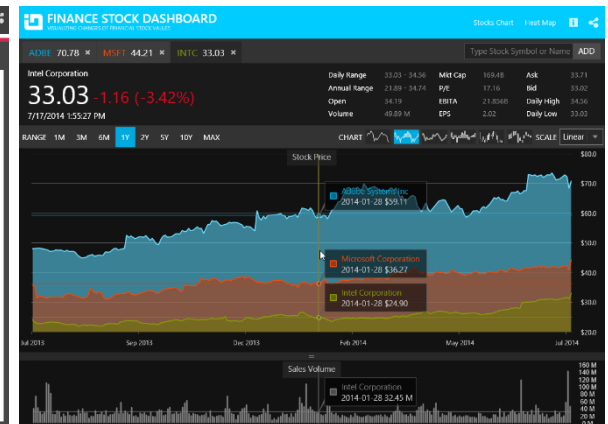
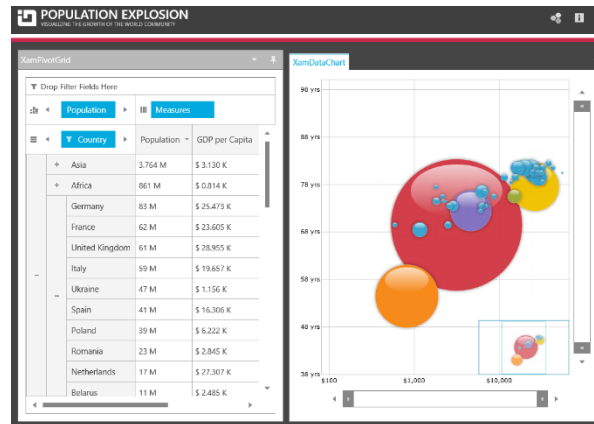
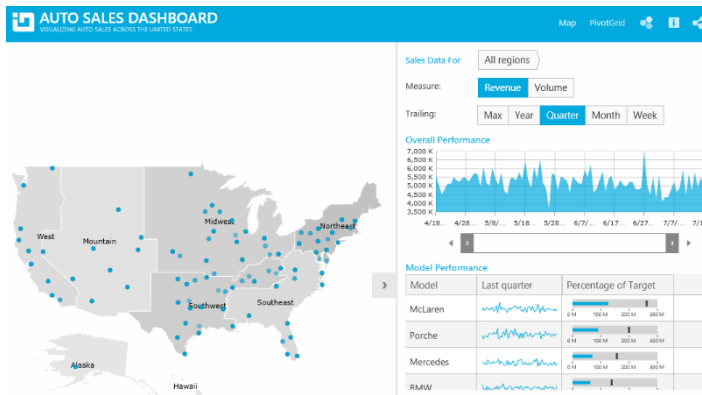




# INFRAGISTICS WPF 16.1 – Release Notes – April 2016

## 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 Infragistics Controls for WPF here.</a>
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## What's New

Components	Feature Name	Description
Data Presenter	Asynchronous Paging Data Source	This feature allows you to create data sources that support retrieving data from high-latency remote data stores using an asynchronous and paged access strategy.
Data Presenter	Entering editing mode when the user starts typing	You can allow the user to enter editing mode automatically when a cell is activated and the user enters text or presses the space or backspace keys.
Data Presenter	Field Grouping	The field grouping feature allows you to group several fields under a common field group.
ScatterSurface3D	New Control	The xamScatterSurface3D control allows fast, visually appealing and customizable three-dimensional surface visualization. The control offers a full set of API options to achieve any 3D surface plotting requirement and very intuitive default values to minimize the coding required.
Schedule	Recurrence dialog's description label visibility	The description label in the xamSchedule's activity recurrence dialog is now visible by default for German and French languages.

Radial Gauge	Needle dragging	You can now move the needle on the xamRadialGauge and xamLinearGauge controls by enabling the isDraggingEnabled property.
Linear Gauge	Needle dragging	You can now move the needle on the xamRadialGauge and xamLinearGauge controls by enabling the isDraggingEnabled property.
TabControl	Tabs dragging and reordering	The xamTabControl now supports dragging and reordering of tabs.

## What's Changed

Components	Product Impact	Description
Busy Indicator	Bug Fix	Missing round corners, border and the "wagon" moves on the top of its containing border.
Carousel Panel	Bug Fix	When placed in a tab control inside a StackPanel, items do not render correctly.  Notes: Resolved an issue in the XamTabControl which could occur if the control was placed inside of a StackPanel. In this scenario, the content for the selected tab would not display correctly when the control was initially displayed. Switching to another tab and then back to the original tab, or resizing the control would clear up the rendering issue.
Color Picker	Bug Fix	Localization is using CurrentCulture instead of CurrentUICulture.

Combo		Drop down does not appear under the control
Combo	Bug Fix	Memory leak appears in the combo editor when using ComboBoxItemsProvider.
Combo Editor	Bug Fix	Dropdown height is shrunk when binding to a new collection and opening the dropdown by using the keyboard down arrow key.
Combo Editor	Bug Fix	Setting the xamComboEditor VerticalContentAlignment property doesn't affect the vertical alignment of the selected items in the textbox.
Combo Editor	Bug Fix	Dropdown list does not display when pasting the text which is currently displayed into the editor.
Combo Editor	Bug Fix	The XamComboEditor's SelectedItem does not work properly when items filtering is applied.
Combo Editor	Bug Fix	The items content is not stretched when the XamComboEditor ItemTemplate is used and the content HorizontalAlignment is set to Stretch.
Combo Editor	Bug Fix	<p>XamComboEditor throws an exception when the user selects already selected item with Enter key.</p> <p>Notes: Removed throwing the exception "Cannot select the same item multiple times." when selecting the same item again in the combo editors. Now, the element that is selected again is ignored if selected by keyboard arrows. If typed – it is cleared from the textbox.</p>
Combo Editor	Bug Fix	<p>NullReferenceException thrown when SelectedItems is bound, IsEditable = true, and an ItemTemplate is applied.</p> <p>Notes: Resolved an issue in the XamWebComboEditor when the SelectedItems property was bound to a null value. In this case a null reference exception was raised.</p>
Combo Editor	Bug Fix	Dropdown does not appear below the control.
Combo Editor		Tab stop is lost when placed inside of a tab in a XamDockManager and tab is loaded a second time.

Combo Editors	Bug Fix	Cannot tab to shared combo editors in a TabControl.
Combo Editors	Bug Fix	The SelectionChanged event is not fired correctly when setting SelectedValues.
Combo Editors	Bug Fix	ArgumentOutOfRangeException is thrown when control is inherited and selection is changed in the xamRibbon QAT.
Combo Editors	Bug Fix	Design-time error appears when changing the SelectedValuePath property in VS Properties pane.
Data Cards	Bug Fix	XamDataCards does not display proper data for scrolled fields.
Data Chart	Bug Fix	DataChart created in separate UI thread causes thread access exception
Data Chart	Bug Fix	When the ItemsSource gets ordered, sometimes the markers shown in a ScatterSeries will not correctly reflect the ItemsSource of that series.  Notes: An issue was found where NotifyCollectionChangedAction.Move actions were ignored by FastItemsSource. This has been corrected.
Data Grid	Bug Fix	First IME input is ignored with combination of IsAutoEditEnabled = True and Editor's InputMethod.IsInputMethodEnabled = False
Data Grid	Bug Fix	Performance issue when loading the control with CollectionView sorting/grouping applied.  Notes: Optimization: In this scenario, where the CollectionView is doing the grouping and there are 30k data records with a 3 level grouping hierarchy (approx 90k groupby records) and where each groupby record is expanded on initialization, the load time was improved from about 25 minutes to about 25 seconds.
Data Grid	Bug Fix	Sort definition is cleared after exporting the xamDataGrid data to an excel file when using ListCollectionView.
Data Grid		NullReferenceException in RecordManager.RemoveRecordHelper when removing records.

Data Grid	Bug Fix	ActiveDataItem property's binding won't work when DataContext for the Window is set in XAML.
Data Grid	Bug Fix	NullReferenceException in designer when setting Window designer data context in XAML.
Data Grid	Bug Fix	Excel-copied cells are not pasted into the grid correctly if an Excel entry has quotation marks around it.
Data Grid	Bug Fix	Replacing derived objects with an object of the same type causes the cells to display blank.
Data Grid	Bug Fix	Layout flickers when the data source is changed
Data Grid	Bug Fix	Records are scrolled when the ScrollBehaviorOnListChange property is set to PreserveRecordsInView and new record is added.
Data Grid	Bug Fix	Filter is not applied properly when the control is placed inside a ContentPane and FilterUIType is FilterRecord.
Data Grid	Bug Fix	NullReferenceException when adding fields with column chooser
Data Grid	Bug Fix	Calculation performance decreases when summary included in formula
Data Grid	Bug Fix	RecordFilterChanging and RecordFilterChanged events are fired when the RecordFilterDropdown has been opened after a filter has been added previously.
Data Grid	Bug Fix	RecordPresenter.DataPresenter property is null during OnIsFocusWithinChanged
Data Presenter	Bug Fix	Setting an AutoResetEvent when bound to a ListCollectionView causes cross-group selection issues.
Data Presenter	Bug Fix	XamDataGrid does not restore localized customizations properly.
Data Presenter	Bug Fix	RefreshCellValues method of DataRecord does not work when have applied filter for some Field
Data Presenter	Bug Fix	[Office2013]The row selector and the column header is not washable
		Notes: The ComponentResourceKeys brushes were updated so they could get washed.

Data Presenter	Bug Fix	CustomFilterDialog throws an exception when trying to group conditions when CellValuePresenter's IsEnabled is set to False.
Data Presenter	Bug Fix	NullReferenceException in CellValuePresenter's IsCellEnabled property when "disposing" the grid.
Data Presenter	Bug Fix	Incorrect /// comment for RecordListControlStyle property
Data Presenter	Bug Fix	DataPresenterBase's GetRecordListControlStyle method always returns the Style from the DP's Resources.
Data Tree	Bug Fix	SelectedNodesCollectionChanged event does not fire when the selected node is deleted
Data Tree	Bug Fix	Memory and CPU performance issues when loading and scrolling with screen reading app open
Data Tree	Bug Fix	Items are not loaded when its Visibility is set to Visible at runtime
Diagram	Bug Fix	DiagramNode is not removed after clearing ItemsSource
Diagram	Bug Fix	Null reference exception is thrown when ItemsSource is set in code behind
Dialog Window	Bug Fix	The newly opened dialog window goes under the existing dialog window.
Dialog Window	Bug Fix	Child modal dialog goes under parent modal dialog
Dialog Window	Bug Fix	Modal dialog takes more time to complete loading than non-modal window.
Dialog Window	Bug Fix	DialogWindow is not positioned on top of a window that is already opened
Dialog Window	Bug Fix	System.ArgumentException is thrown when resizing the dialog window inside another dialog window.

Dock Manager	New Functionality	<p>Loading a layout while dragging a floating pane creates a ghost window which throws <code>NullReferenceException</code>.</p> <p>Notes: Loading a layout while a blocking operation is being performed is not allowed. Blocking operations include operations that affect the pane layout such as dragging a pane or moving/resizing a <code>PaneToolWindow</code>. The <code>XamDockManager</code> now exposes a read-only boolean property named <code>IsLoadLayoutAllowed</code> which indicates if the control is in such an operation. If the existing <code>LoadLayout</code> methods are invoked (i.e. <code>LoadLayout(Stream)</code> or <code>LoadLayout(string)</code>) while this property is false then an <code>InvalidOperationException</code> will be thrown. One alternative would be to wait until this property is true - perhaps doing a <code>BeginInvoke</code> and trying again after. Another alternative is to use one of the new overloads of <code>LoadLayout</code> (i.e. <code>LoadLayout(Stream, bool)</code> or <code>LoadLayout(string, bool)</code>). The boolean parameter determines if the layout may be loaded asynchronously. If true is passed in and the <code>IsLoadLayoutAllowed</code> returns false, the layout will be cached and the load will be performed automatically when the blocking operation is complete. Note, if you are passing in a stream you do not need to keep the stream open; the <code>xamDockManager</code> will read and cache the information from the stream.</p> <p>Since the loading of a layout may be asynchronous, the <code>XamDockManager</code> now exposes a <code>LayoutLoaded</code> event that will be raised when the layout has been loaded, whether it is happening synchronously or asynchronously.</p>
Dock Manager	Bug Fix	LoadLayout exception when <code>TabGroupPane</code> has <code>x:Name</code> set
Dock Manager	Bug Fix	<code>NullReferenceException</code> when dropping a pane that has been removed when <code>FloatingWindowDragMode</code> is set to "Deferred"
Dock Manager	Bug Fix	<code>InvalidOperationException</code> when <code>FloatingWindowDragMode</code> is set to <code>Deferred</code> and parent dock manager is destroyed when dragging a pane.
Dock Manager	Bug Fix	NRE is thrown in retemplated <code>PanTabItem</code> when has no content in header and is loosing focus



Dock Manager	Bug Fix	NullReferenceException is thrown when a pane's dock state is changed to floating.
Dock Manager	Bug Fix	Loading a layout when dragging a floating pane causes a system lock up when FloatingWindowDragMode is set to UseSystemWindowsDrag.
Dock Manager	Bug Fix	WPF XamDockManager throws an exception when undocking a pane in XBAP.
Dock Manager	Bug Fix	ContentPane doesn't take focus when no other control will
Dock Manager	Improvement	<p>No way to control whether the docking indicators are hidden when Ctrl key is pressed.</p> <p>Notes: The xamDockManager, like Visual Studio, does not allow docking while the Control key is pressed during a drag operation. A new property named 'PreventDockingWhileControlKeysIsPressed' has been added to the PaneDragStartingEventArgs that can be used to disable this functionality.</p>
Drag and Drop Framework	Bug Fix	The dragged elements used by the WPF DragDrop framework will not intersect multiple monitors.
Editors	Bug Fix	XamMaskEditor displays an incorrect value when a timespan mask is set.
Excel	Bug Fix	Exception when pasting specific data from a XLSX file to xamSpreadsheet
Excel	Bug Fix	Loading a Workbook with lots of unshared table formulas takes a long time to load.
Excel	Bug Fix	Cell borders are not initialized properly for inserted rows/columns/cells.
Excel		UriFormatException on Workbook.Load(stream): Invalid URI: The hostname could not be parsed
Excel	Bug Fix	Loading of a file with hidden first worksheet is throwing an exception.
Excel	Bug Fix	Loading a workbook and saving it to a different file extension results in the workbook opening in Protected View.
Excel	Bug Fix	System.UriFormatException occurs when loading an Excel worksheet with an invalid link contained in it.
Excel	Bug Fix	Worksheet.Rows.Insert() method is slow.
Excel Style Filtering	Bug Fix	Text filter menu items should be used instead of Number filter items when using a combobox field with a value path and display member path.

Geographic Map	Bug Fix	<p>GeographicSymbolSeries MarkerTemplate is rendered in a different place when its ItemsSource is cleared and the same points are added.</p> <p>Notes: An issue is found where markers in a marker series would not be centered properly when added at runtime, when the MarkerTemplate has height or width settings based on bindings. This has been fixed.</p>
Grid	Bug Fix	The time needed to initially load data when having a great number of columns has increased
Grid	Bug Fix	Active cell does not move by arrow keys if an editing cell is forced to exit edit mode by moving a scrollbar.
Grid	Bug Fix	Horizontal scroll is strange when group columns are used.
Grid	Bug Fix	Scroll thumb is placed at the bottom end of the vertical scrollbar even when there are more invisible rows below.
Grid		ColumnMoving does not work in some cases
Grid	Bug Fix	Horizontal scrolling is choppy on the first scroll(until all columns are rendered) when there are GroupColumns
Grid		Header columns and record columns get out of alignment in scrolling and resizing when group headers are used
Grid		Columns get out of alignment when vertical scroll bar is displayed, a lot of columns are used and datasource is repeatedly cleared and rebound
Grid	Bug Fix	Horizontal scrolling is choppy in the case where there are few large columns at the beginning followed by a number of short ones
Grid	Breaking Change (Other)	<p>Filter dialog does not remove filter item consistently</p> <p>Notes: This is a breaking change because the behavior of the control is changed a little(No Api changes). Now when we set filters through the filter menu on more than one column</p>

		and the filter menu is opened it will have unchecked checkbox for the filtered out items if this was the was column that a filter was applied throguh the filter menu.
Grid		[xamGrid]When double click to resize a group column, the header text disappears
Grid	Bug Fix	Headers and cells are misaligned on maximized window.
Grid	Bug Fix	Moving cell focus by the arrow key sometimes jumps scrolling when there are GroupColumns.
Grid	Bug Fix	ActiveCell is not automatically scrolled into view when horizontal scrolling is needed
Grid	Bug Fix	The ColumnResized event is fired on a single click between column headers.
Grid	Bug Fix	Scroll position is incorrect when using hierarchical data and user clicks the bottom cell.
Grid	Bug Fix	XamGrid MouseLeftButtonUp is not fired when a dialog is displayed while exiting from edit mode.
Grid	Bug Fix	Header text containing new line characters is pasted into multiple cells in Excel.
Grid	Bug Fix	Filters on the child rows are not updated by InvalidateData() method.  Notes: We added a Boolean argument in the InvalidateData method called on all ColumnLayouts and its default value is False. In order to get the expected result (all hierarchies to be invalidated), one should call InvalidateData(true).
Grid	Bug Fix	Exception is thrown when column Visibility is changed in a grid with a fixed column after horizontal scrollbar is moved
Grid	Bug Fix	Columns of type decimal? have different FilterMenu options than columns of type decimal.
Grid	Bug Fix	Setting FilteringScope to "ColumnLayout" causes NullReferenceException when grouping and trying to open the FilterMenu.

Grid	Bug Fix	themes issues
Grid	Bug Fix	The vertical scrollbar does not work properly if columns are grouped.
Grid	Bug Fix	Conditional format is not applied instantly after a page is changed.
Grid	Bug Fix	The scrollbar of the horizontal scrollbar does not sync with column widths.
Grid	Bug Fix	XamGrid unexpectedly scrolls to the rightmost.
Grid	Bug Fix	PreferredImeState does not affect on the first time enter the filtertextbox.
Grid	Bug Fix	Incorrect scrolling behavior when scrolling to the bottom of grouped hierarchies.
Grid	Bug Fix	Japanese characters cannot be directly entered into the filter editor on FilterMenu popup.
Grid	Bug Fix	System.AccessViolationException occurred when using a Japanese IME's homonym note.
Grid	Bug Fix	Column chooser does not show if the Popup in a control template is replaced or its Name is changed.  Notes: This issue is by design. The entire logic of the control relies on that the root element in the control template is a Popup control. We will add TemplatePart attribute for all mandatory elements of the control template.
Grid	Bug Fix	Canceling the ActiveCell changing event causes a cell to be unselectable.
Grid	Bug Fix	A cell of a column in a group column cannot be collapsed when the cell is in edit mode.
Grid	Bug Fix	Binding error occurs when entering/exiting edit mode on a TemplateColumn in a very short time repeatedly.
Grid	Bug Fix	A vertical border appears when the datasource is cleared.
Grid	Bug Fix	Grouped column rendering is off when a full group is moved out of view and brought back into view.
Grid	Bug Fix	Grouping is not possible via dragging a column over the expansion indicator when the group-by area is collapsed.

Grid	Bug Fix	StackOverflow exception is thrown when using CollectionView and ObservableCollection of objects
Grid	Bug Fix	Null Reference Exception when trying to open the FilterMenu after a column was ungrouped and FilteringScope is set to ColumnLayout
Multi Column Combo	Bug Fix	Control does not take focus when tabs are changed and the 'Tab' key is pressed
Multi Column Combo	Bug Fix	InvalidOperationException when control is in a XamDataGrid and DisplayMemberPath and MinimumDropDownWidth properties are set.
Multi Column Combo	Bug Fix	Setting DisplayMemberPath to null causes InvalidOperationException.
Multi Column Combo	Bug Fix	The text is deleted after selecting a combo item and pressing backspace.
Multi Column Combo	Bug Fix	When applying IgTheme/Office2010Blue theme for MulticolumnCombo via the ThemeManager
Multi Column Combo	Bug Fix	Horizontal scrollbar does not appear when the last column is in view but not fully visible
Network Node	Bug Fix	Zoom level changes randomly when a GridSplitter is used for resizing.
Network Node	Bug Fix	Connections disappear when programmatically navigating to the previous node.
Network Node	Bug Fix	The selected region does not contain all the nodes that are currently in view.
Pivot Grid	Bug Fix	LoadCustomizations callback shows a "\r\n" error message when the data source loads correctly.
Property Grid	Bug Fix	Exception is thrown when Office2013 theme is set
Property Grid	Bug Fix	Expanding all property items stops short
		<p>Notes:</p> <p>Resolved an issue in the XamPropertyGrid which occurred when attempting to programmatically expand a property item and multiple generations of children. In this scenario the programmatic expansion would stop after after a couple of generations, even though the end user was still able to manually expand the children via the UI.</p>

Property Grid	Bug Fix	TypeConverter on property no longer works  Notes: Resolved an issue in the XamPropertyGrid where a TypeConverter specified for a list-type property was not being called to update the property's value description when the property was expanded to reveal the items contained in the list.
Property Grid	Bug Fix	XamPropertyGrid does not refresh when a collection property changes.  Notes: Resolved an issue in the XamPropertyGrid where the display did not update to reflect external changes made to list type properties.
Radial Menu	Bug Fix	Binding expression path error occurs when binding a Header property of RadialMenuItem.
Reporting	Bug Fix	[Reporting - XBAP] The PrintDialog window should not be displayed when showPrintDialog in Print method is set to false.
Ribbon	Bug Fix	IsTextSearchEnabled is not carried down from the MenuTool to the MenuToolPresenter.
Ribbon	Bug Fix	Performance issue when using MenuTool with large number of items  Notes: MenuTool like the MenuItem class in the WPF framework does not virtualize the items within the popup by default. To do that one must set the ItemsPanel to an ItemsPanelTemplate that contains a VirtualizingStackPanel and have set a MaxHeight (or Height) on that VirtualizingStackPanel. In addition one must set the attached ScrollViewer.CanContentScroll to true on the MenuTool (again as one would need to do with a MenuItem). The issue that was fixed for this bug is to ensure that the ScrollViewer.CanContentScroll set on a MenuTool is propagated to the MenuItem that represents the tool.
Ribbon	Bug Fix	TabItem is not selected when clicking on it if it was lastly selected by using a key tip

Rich Text Editor	Bug Fix	Bullet list indent is not reset after using Ctrl+A and then deleting the existing bullet list.
Rich Text Editor	Bug Fix	An error occurs when an exported docx file is opened with MS Word 2007
Rich Text Editor	Bug Fix	Exporting to html format is adding additional line spacing when opened in MS Word
Rich Text Editor	Bug Fix	One of the paragraph's foreground color is wrong when importing from rtf.
Rich Text Editor	Bug Fix	<p>The caret does not change its style at the start position and in a new paragraph when typing some content with styles (like Italic, Subscript, and Superscript).</p> <p>Notes: Resolved an issue in the XamRichTextEditor where the Caret was not being rendered at a slight 'forward' angle when it was at a character position formatted as italic. The caret is now also correctly sized and positioned when it is at a character position that is formatted as superscript or subscript.</p>
Rich Text Editor	Bug Fix	Some lines are loaded from RTF file with extra space
Rich Text Editor	Bug Fix	<p>Typing 'a', 'y', 'k', 'v' on a new line is removing the applied settings from the previous paragraph.</p> <p>Notes: Resolved an issue in the XamRichTextEditor where character formatting from the previous paragraph was sometimes lost when typing certain characters into a newly inserted paragraph.</p>
Rich Text Editor	Bug Fix	TableCellBorderSettings won't apply to XamRichTextEditor's TableCellNodes until a column's width is manually resized.
Rich Text Editor	Bug Fix	<p>Scrollbar thumb is jumping when scrolling the editor's content using the mouse wheel.</p> <p>Notes: Resolved an issue in the XamRichTextEditor which sometimes caused 'jumpy scrolling' when scrolling with the mousewheel.</p>

Rich Text Editor	Bug Fix	<p>The editor's height is set to its specified MaxHeight when placed in a StackPanel.</p> <p>Notes: Resolved an issue in the XamRichTextEditor when the MaxHeight property was set which caused the control's height to be set to MaxHeight even when the control's contents did not required an increased height.</p>
Rich Text Editor	Bug Fix	List indentation is not saved nor loaded via HTMLSerializationProvider
Rich Text Editor	Bug Fix	Exporting to rtf format is not rendering a table correctly when loading in MS Word when style='text-align: justify;' is set
Rich Text Editor	Bug Fix	Exporting html to rtf format is converting № symbol to superscripted 1 when opened in MS Word
Schedule	Bug Fix	Changing the recurrence of an activity and dragging it after that makes it disappear
Schedule	Bug Fix	Occurrence is not updated correctly if it was broken before.
Schedule	Bug Fix	<p>Recurrence description does not update when switching between every day and every work day</p> <p>Notes: Fixed an issue in the xamSchedule ActivityRecurrenceDialog which could result in a stale recurrence description being displayed in the dialog when switching between daily recurrence patterns.</p>
Schedule	Bug Fix	Resetting the ActivityItemSource is corrupting the recurrence activities after dragging
Spread Sheet	Bug Fix	Error message localization added.
Spread Sheet	Bug Fix	Autofit column width does not work correctly
Theme Manager	Bug Fix	Applying the Office 2013 theme on OlapXAxis causes an exception to be thrown.
Theme Manager	Bug Fix	BindingExpression path error occurs when using PasswordBox with the Office2010Blue theme.
Theme Manager	Bug Fix	Menus on a parent window disappear when a sub window that contains XamPropertyGrid is displayed and ThemeManager is used.
Theme Manager	Bug Fix	ThemeManager Theme throws System.NotSupportedException.



Theme Manager	Bug Fix	XamlObjectWriterException and NotSupportedException occur when using XamPropertyGrid.
Theme Manager	Bug Fix	System.Windows.Data Error is thrown when changing ApplicationTheme at run time.
Themes	Bug Fix	ComboBox does not take up all space allotted to it in Office2013 theme.
Themes	Bug Fix	<p>AccessKeys don't work when the Metro theme for MS Controls is applied.</p> <p>Notes:            In the IG.MSControls.Core.Implicit.xaml, Metro.MSControls.Core.Implicit.xaml, MetroDark.MSControls.Core.Implicit.xaml, Office2010Blue.MSControls.Core.Implicit.xaml, Office2013.MSControls.Core.Implicit.xaml, in the Button style is added an additional style resource that set the ContentPresenter RecognizesAccessKey property to True in order to allow the usage of access text.</p> <pre>&lt;Style BasedOn="{StaticResource ButtonStyle}" TargetType="{x:Type Button}"&gt;   &lt;Style.Resources&gt;     &lt;Style TargetType="{x:Type ContentPresenter}"&gt;       &lt;Setter Property="RecognizesAccessKey" Value="True" /&gt;     &lt;/Style&gt;   &lt;/Style.Resources&gt; &lt;/Style&gt;</pre>
Tile Manager	Bug Fix	Application freezes when trying to maximize a XamTileManager's tile

Tile Manager	Bug Fix	<p>When tile content is a WindowsFormsHost and the tile is scrolled out of view, the WindowsFormsHost still shows.</p> <p>Notes: Note: this fix causes a behavioral change in that when a tile that contains a WindowsFormsHost is being scrolled either completely out of view it will be render transformed completely out of view. This is because it can/will obscure other controls on the forms. So instead of animating out of view (or into view) it will disappear at the beginning of the animation when it would have been scrolled off the tile area panel or reappear at the end of the animation when it would have scrolled back into the tile area.</p>
Timeline	Improvement	<p>Performance decreases when changing property in bound data</p> <p>Notes: An optimization was made to Timeline wherein batch updates to items in the datasource will queue a single refresh of the series, instead of invoking many refreshes.</p>
Tree Grid	Bug Fix	Connector lines disappear when reloading the view with the dock manager containing the tree grid and some theme is set via the Theme property.
Tree Grid	Bug Fix	Connector lines disappear when reloading the view when the tree grid is placed in an unpinned pane and some theme is set via the Theme property.
Tree Grid	Bug Fix	<p>Top level summary does not translate in languages other than English.</p> <p>Notes: "Root Summaries." appears in English when opening the summary drop-down on the "Name" field, and select "Anzahl." Now it appears in German.</p>
Tree Grid	Bug Fix	Grid does not display the updated nodes.
Tree Grid	Bug Fix	TreeCellValuePresenter overrides IsExpanded binding in style

Tree Map	Bug Fix	<p>InvalidOperationException is thrown when treemap is inside a column with ColumnDefinition with Width="auto".</p> <p>Notes: When the xamTreeMap is placed in a Grid Column/Row with Width/Height set to Auto, the control receives Infinity as width/height. If particular size is not set, the control is restricted to the MinHeight/MinWidth set in the generic file.</p>
Tree Map	Bug Fix	<p>An exception is thrown when the control is placed in a ScrollViewer and vertical scrollbar is visible.</p>
XAML	Bug Fix	<p>ListBoxItems that contain UI elements disappear after selection</p>