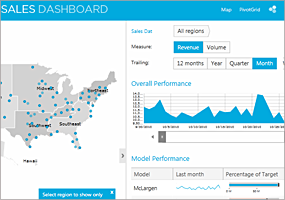
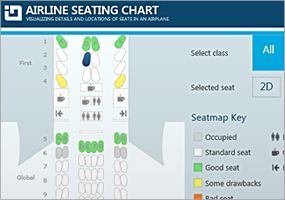
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| C:\Work\NetAdvantage\DEV\XAML\2014.2\Samples\XAML\Showcase.Apps\IGExtensions.Common\Images\apps\IgAppWhite.png | INFRAGISTICS WPF 16.2 –  Service Release Notes – December 2016 |

**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

|  |  |
| --- | --- |
| Downloading | [Download WPF controls here.](http://www.infragistics.com/products/wpf#Downloads) |

# What’s Changed

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Work Item ID** | **Components** | **Product Impact** | **Resolved date** | **Description** |
| 229007 | Barcode Reader | Bug Fix | 11/22/2016 | Calling multiple Decode() functions in different threads causes InvalidOperationException. |
| 211421 | Busy Indicator | Bug Fix | 11/29/2016 | Inconsistency in the assembly mapping for the primitives of the control.  Notes: In order to resolve this, we had to modify the namespace mappings for the types from the Infragistics.Controls.Interactions.Primitives namespace defined in the Infragistics.Windows dll. These are mostly related to the Busy Indicator. We moved them from the http://schemas.infragistics.com/xaml to the http://schemas.infragistics.com/xaml/primitives namespace. This unfortunately constitutes a breaking change, but it was necessary to fix this. |
| 225183 | Calendar | Bug Fix | 11/24/2016 | [Office2010Black] Unfocused SelectedDate(s) in the XamCalendar are barely visible. |
| 221954 | Carousel List Box | Bug Fix | 10/14/2016 | An exception is thrown when the ItemContainerStyle property of the XamCarouselListBox is manually set or referenced with a key.  Notes: Resolved an issue in the RecyclingItemContainerGenerator that affected the XamCarousel control when attempting to apply an ItemContainerStyle targeting the type 'CarouselListBoxItem'. In this scenario an exception was sometimes being raised complaining that the supplied ItemContainerStyle was not of the correct type. This exception is no longer raised. |
| 222512 | Combo Editor | Bug Fix | 10/18/2016 | Scrollbar appears every other time the combo is opened when the Office2013 theme is applied. |
| 224320 | Combo Editor | Bug Fix | 9/29/2016 | Error "NullReferenceException was not handled" sometimes occurs when you click an item and hit a key at the same time. |
| 228983 | Combo Editor | Bug Fix | 11/18/2016 | NullReferenceException is thrown when trying to re-template XamComboEditor. |
| 228537 | Combo Editors | Bug Fix | 11/16/2016 | Security exception in XBAP occurs when typing into editor. |
| 228592 | Combo Editors | Bug Fix | 11/23/2016 | SecurityException occurs when clicking on the dropdown button in XBAP. |
| 227736 | Context Menu | Bug Fix | 11/3/2016 | The top level of ContextMenu remains open after command is fired. |
| 222404 | Control Persistence Framework | Bug Fix | 11/10/2016 | The DiagramNode's layout and DiagramConnection's connection are not kept after save and load. |
| 229088 | Data Chart | Bug Fix | 12/2/2016 | When setting the CrosshairVisibility property to "Hidden", the crosshair still shows. |
| 217449 | Data Grid | Bug Fix | 10/6/2016 | Grouping is not respected when viewing the grid in XamReportPreview and having GroupByEvaluationMode set to UseCollectionView. |
| 225807 | Data Grid | Bug Fix | 10/6/2016 | Unhandled Exception occurs while removing Manual filter with GroupByEvaluationMode set to UseCollectionView. |
| 225809 | Data Grid | Bug Fix | 10/6/2016 | Invalid Cast Exception occurs while removing the manual filter and data records are not in view with GroubyEvaluationMode set to UseCollectionView. |
| 226492 | Data Grid | Bug Fix | 10/7/2016 | Application crashes when moving fields because of missing null check in ToolWindowHostWindow. |
| 226687 | Data Grid | Bug Fix | 10/6/2016 | LoadCustomizations not working correctly for layout that is out of view when using the Recycle mode. |
| 226713 | Data Grid | Bug Fix | 10/26/2016 | Filter operator 'Not equals' does not work correctly. |
| 227482 | Data Grid | Bug Fix | 11/1/2016 | The DataValueChanged event of the XamDataGrid is fired twice after changing a cell's value when using DataTable/DataView as a DataSource. |
| 228542 | Data Grid | Bug Fix | 11/22/2016 | FilterCellValuePresenter.IsCurrentValueValid exception occurs due to a null Editor. |
| 222473 | Data Presenter | Bug Fix | 11/24/2016 | XamDataPresenter's scrollbars are not properly styled when the Office2k7Blue theme is applied. |
| 228839 | Data Presenter | Bug Fix | 11/16/2016 | SecurityException occurs when dragging a field in a XamDataGrid when it is in a separate AppDomain without UnmanagedCode permissions. |
| 222532 | Data Presenter Cross Field Filtering | Bug Fix | 10/21/2016 | Changing the RecordFilterScope to RunTime and collapsing the nested record moves the filter indicator on the next nested record. |
| 228484 | Data Presenter Cross Field Filtering | Bug Fix | 11/22/2016 | CrossFieldFiltering – the operand value disappears and the 'OK' button is disabled.  Notes: Resolved an issue in the xamDataGrid's CrossFieldFilter dialog where the Operand column's value could be erased or replaced with an incorrect value when a new Field was selected from the dropdown in the same condition. |
| 228486 | Data Presenter Cross Field Filtering | Bug Fix | 11/22/2016 | CrossFieldFiltering - operand changes its value when the 'Toggle' button is pressed.  Notes: Resolved an issue in the xamDataGrid's CrossFieldFilter dialog where the Operand column's value could be erased or replaced with an incorrect value when a new Field was selected from the dropdown in the same condition. |
| 212011 | Data Presenter Excel Exporting | Bug Fix | 10/11/2016 | The first column of the first child row text is indented incorrectly when skipping the parent record. |
| 189127 | Data Tree | Bug Fix | 10/11/2016 | SelectedDataItems are not updated correctly when removing a selected node. |
| 189130 | Data Tree | Bug Fix | 10/11/2016 | SelectedDataItems are not updated when setting the ItemsSource property to null. |
| 212081 | Data Tree | Bug Fix | 11/17/2016 | Selection becomes incorrect when dragging a node with multiple nodes already selected. |
| 212254 | Data Tree | Bug Fix | 11/8/2016 | ItemsSource changing causes every XamDataTreeNode to be created. |
| 227639 | Data Tree | Bug Fix | 11/2/2016 | If a duplicate item is removed from the tree, a NullReferenceException occurs. |
| 227869 | Data Tree | Bug Fix | 11/3/2016 | The Manager property of a XamDataTreeNode is not discovered through visual studio intellisense. |
| 223222 | Dock Manager | Bug Fix | 10/5/2016 | The keyboard focus is on different ContentPane when a tab is reselected and the focus was previously within a nested XamDockManager ContentPane. |
| 225501 | Drag and Drop Framework | Bug Fix | 10/19/2016 | When the windows are overlapped, a drag and drop operation on the top window causes the bottom one to flicker into view. |
| 217081 | Editors | Bug Fix | 10/11/2016 | The XamComboEditor dropdown is shown at topmost left position on screen at first if the Metro theme is applied and SelectedValue is bound in TwoWay mode. |
| 221996 | Excel | Bug Fix | 10/31/2016 | An incorrect font is assigned to a cell when a WorksheetCell Value is set. |
| 225552 | Excel | Bug Fix | 10/25/2016 | The first column's width is extended after load and save of an excel file. |
| 225718 | Excel | Bug Fix | 10/20/2016 | Duplex PrinterSetting is not kept after loading and saving an excel file. |
| 226246 | Excel | Bug Fix | 10/11/2016 | Excel file is corrupted after loading and saving if the book has meta info. |
| 226874 | Excel | Bug Fix | 10/21/2016 | The UI hangs when loading a file. |
| 219910 | Gantt | Bug Fix | 9/29/2016 | The first task's Duration is not set to its previous value when the second task is outdent. |
| 221872 | Gantt | Bug Fix | 9/30/2016 | A wrong month is displayed when setting the TimescaleBand DisplayFormat to {m:n}. |
| 213477 | Grid | Bug Fix | 11/24/2016 | Possible misalignment of the rightmost column position appears when changing the active cell using the keyboard right arrow key. |
| 213569 | Grid | Bug Fix | 11/14/2016 | When placed inside a ViewBox inside a DocumentContentHost of a XamDockManager, column header dragging doesn't work. |
| 217694 | Grid | Bug Fix | 11/11/2016 | Headers and group rows are lost after replacing the child collection instance. |
| 219205 | Grid | Bug Fix | 11/15/2016 | The Excel style filter popup search textbox is uneditable in WinForms ElementHost. |
| 219936 | Grid | Bug Fix | 10/6/2016 | Unexpected scrolling occurs when a cell is clicked after the grid height is changed. |
| 223872 | Grid | Bug Fix | 11/15/2016 | Japanese characters cannot be directly entered into the editor on the custom filter dialog. |
| 223874 | Grid | Bug Fix | 11/23/2016 | [Horizontal Scrolling] Headers and cells get misaligned when a group header border is double clicked to auto-resize. |
| 223976 | Grid | Bug Fix | 11/8/2016 | Grid freezes when a value not in the value list of FilterMenu is selected, FilterMenu is opened again and OK button is clicked. |
| 225309 | Grid | Bug Fix | 11/7/2016 | Memory leak appears when the ContainsOperand Icon property is set. |
| 227585 | Grid | Bug Fix | 11/16/2016 | Grid loses its responsiveness when the Metro Dark theme is applied to the grid and the last column is coming into view. |
| 228123 | Grid | Bug Fix | 11/4/2016 | Memory leak occurs while the touch keyboard is active. |
| 229064 | Grid | Bug Fix | 11/23/2016 | [Horizontal Scrolling] Cell text on the group column is partly truncated upon width’s size change. |
| 211289 | Masked Input | Bug Fix | 9/23/2016 | Digits are not entered in the correct order when using Chinese input, PromptChar is empty string and Mask is set to 'nnnnn'. |
| 218772 | Masked Text Editor | Bug Fix | 9/28/2016 | XamMaskedEditor does not show the entire text when FlowDirection is RightToLeft and FontStyle is Oblique. |
| 225209 | Masked Text Editor | Bug Fix | 9/29/2016 | Typing a value that is greater than the current section's max constraint in the XamComboEditor moves the caret to the next section. |
| 229436 | Multi Column Combo | Bug Fix | 12/1/2016 | Application freezes when re-opening the XamMultiColumnComboEditor without set width and after changing the window size. |
| 208165 | Numeric Editor | Bug Fix | 9/22/2016 | Value typed into XamMaskedEditor with Chinese IME is incorrect. |
| 213191 | Numeric Editor | Bug Fix | 9/28/2016 | The entered number can exceed the min/max value constraint by pressing the insert key. |
| 224213 | Property Grid | Bug Fix | 9/27/2016 | WPF Property Grid throws InvalidOperationException when selecting the Range Brushes collection of the Linear Gauge. |
| 226692 | Property Grid | Bug Fix | 10/25/2016 | XamPropertyGrid with custom editor calls property's setter twice.  Notes: Resolved an issue in the XamPropertyGrid where changes to a property value initiated by the user via the control's UI sometimes caused multiple calls to the property setter on the SelectedObject as well as multiple invocations of the xamPropertyGrid's PropertyIItemValueChanging & PropertyItemValueChanged events. |
| 227525 | Property Grid | Bug Fix | 11/21/2016 | Scrollbar maximum is incorrect after changing SelectedObject.  Notes: Resolved an issue in the XamPropertyGrid where scrollbar metrics did not always update properly when the SelectedObject was changed. |
| 228281 | Property Grid | Bug Fix | 11/8/2016 | Brush resource has selection highlight after selecting another brush editor button and get back to it. |
| 228288 | Property Grid | Bug Fix | 11/8/2016 | Brush resource group does not have hover appearance. |
| 228290 | Property Grid | Bug Fix | 11/8/2016 | The BrushResourceSelected's e.Cancel property is not necessary. |
| 228291 | Property Grid | Bug Fix | 11/8/2016 | Brush resource does not have padding on the left and on the right when it is selected. |
| 228474 | Property Grid | Bug Fix | 11/7/2016 | PropertyItemChanging/Changed are fired multiple times, and also when the entered value is not valid.  Notes: Resolved an issue in the xamPropertyGrid where the PropertyItemChanging/Changed events were sometimes raised multiple times when they should have been raised only once. Also made changes to ensure that the events are not raised when invalid values are entered for a property. |
| 228485 | Property Grid | Bug Fix | 11/10/2016 | The property UI representation is not updated when it has its binding set after the XamPropertyGrid's SelectedObject has been set. |
| 228623 | Property Grid | Bug Fix | 11/10/2016 | Property's editor is not enabled after the binding is reset. |
| 229153 | Property Grid | Bug Fix | 11/29/2016 | Property from IEnumerable type displays its expansion indicator when PreventEditingOfBoundProperties is true and the property is bound. |
| 229857 | Property Grid | Bug Fix | 12/9/2016 | IsBoundDependencyProperty returns false when a dependency property is bound and PreventEditingOfBoundProperties is false. |
| 226560 | Radial Menu | Bug Fix | 11/7/2016 | System.InvalidOperationException is thrown when deleting a control from the visual tree. |
| 219299 | Ribbon | Bug Fix | 10/19/2016 | The Ribbon tool is not found if it is placed inside a Border element. |
| 222290 | Ribbon | Bug Fix | 10/6/2016 | The ContextualTab font size in Office2013 should be slightly smaller than the RibbonTab header text font. |
| 223122 | Ribbon | Bug Fix | 10/6/2016 | Implicit DataTemplate (keyless) for a RibbonTabItem's HeaderTemplate property does not get applied. |
| 225298 | Ribbon | Bug Fix | 10/6/2016 | The Ribbon window's caption area's Style changes when XamRibbon is dynamically set to ContentHost's Ribbon several times. |
| 226401 | Ribbon | Bug Fix | 10/5/2016 | InvalidOperationException is thrown when the Office2013 theme is applied if the resize windows are explicitly closed. |
| 227753 | Ribbon | Bug Fix | 11/7/2016 | InvalidOperationException is thrown when DispatcherFrame.PushFrame() is called and ThemeManager.ThemeNameOffice2013 groupings are added to the application resources. |
| 217290 | Rich Text Editor | Bug Fix | 10/27/2016 | The control flashes constantly when positioned in a StackPanel and MaxHeight is specified without Height. |
| 220022 | Rich Text Editor | Bug Fix | 10/7/2016 | Bullets are rendered as stars when loaded from a rtf document. |
| 225299 | Rich Text Editor | Bug Fix | 9/29/2016 | Editor does not show all the text lines when the VerticalAlignment is set to Top.  Notes: Resolved an issue in the XamRichTextEditor when the control's VerticalAlignment property was set to 'Top' and there was enough vertical space available to the control to display all its content. In this scenario, the control would not take advantage of all the available space and would instead reduce the height of the text area by several pixels and display a vertical scrollbar. The control now uses all available space in this scenario and a vertical scrollbar is not displayed. |
| 227830 | Rich Text Editor | Bug Fix | 11/1/2016 | A typo in the /// comments for DocumentSpan. |
| 218350 | Schedule | Bug Fix | 10/13/2016 | Utilities.RefreshLocalizedResources() doesn't refresh the language in the date strings based on the current culture setting. |
| 228665 | Schedule | Bug Fix | 11/23/2016 | [Metro Theme] The subject of all-day event is going outside of the border of the activity. |
| 228988 | Schedule Date Navigator View | Bug Fix | 11/19/2016 | [Royal Dark/Office2013 Themes] The tooltip in the DateNavigator is too big for the theme (the size is the same as in the Metro Dark and Metro themes). |
| 228989 | Schedule Date Navigator View | Bug Fix | 11/19/2016 | [Royal Dark/Office2013 Themes] The Tooltip's Font Size of the time in the Date Navigator is too big for the theme (the size is the same as in the Metro Dark and Metro themes). |
| 228661 | Slider | Bug Fix | 11/10/2016 | Clicking on the track is not working when the Value property is set to double.NaN while TrackClickAction is set to LargeChange. |
| 228669 | Slider | Bug Fix | 11/11/2016 | Incorrect behavior when the Value property is set to double.NaN and SnapToTickEnabled is true. |
| 228968 | Slider | Bug Fix | 11/18/2016 | Range selection is not working when the Value property of a thumb is set to double.NaN in XamNumericRangeSlider. |
| 223524 | Spread Sheet | Bug Fix | 10/7/2016 | Copy pasting of cells with formula results in an error dialog. |
| 215800 | Surface Chart 3D | Improvement | 10/25/2016 | Surface Chart does not pick labels with nice/same interval when resolving labels collision.  Notes: The axis label decollision algorithm has been modified to better select labels for removal. |
| 215808 | Surface Chart 3D | Bug Fix | 10/20/2016 | Surface Chart does not render portion of surface if data points have negative and positive coordinates. |
| 222980 | Surface Chart 3D | Bug Fix | 10/19/2016 | The initial mouse rotation jerks when rotation is initialized to certain Axis Angle rotations. |
| 227882 | Syntax Editor | Bug Fix | 11/1/2016 | The Japanese characters contained in an external file become garbled when it is loaded into the editor.  Notes: Resolved an issue with xamSyntaxEditor and TextDocument that caused the files encoded as 'Japanese(Shift-JIS)' to be incorrectly formatted on initial load. |
| 214426 | Text Editor | Bug Fix | 9/26/2016 | InputMethod.PreferredImeConversionMode is not effective in XamTextEditor. |
| 226822 | Themes | Bug Fix | 11/21/2016 | The XamDockManager PaneToolWindow is not styled in the IG and Office2010Blue themes. |
| 221087 | Tile Manager | Bug Fix | 11/21/2016 | The last minimized tile gets cut off in XamTileManager when the horizontal scrollbar is at the far right position. |
| 226338 | Tile Manager | Bug Fix | 11/1/2016 | Script error LayoutCycleException occurs when you quickly change the browser's height by mouse drag. |
| 229244 | Tile Manager | Bug Fix | 12/5/2016 | Tile cannot be reached by horizontal scroll after tile resize operation. |
| 227397 | Timeline | Bug Fix | 11/30/2016 | Memory is not released when control is no longer in view. |