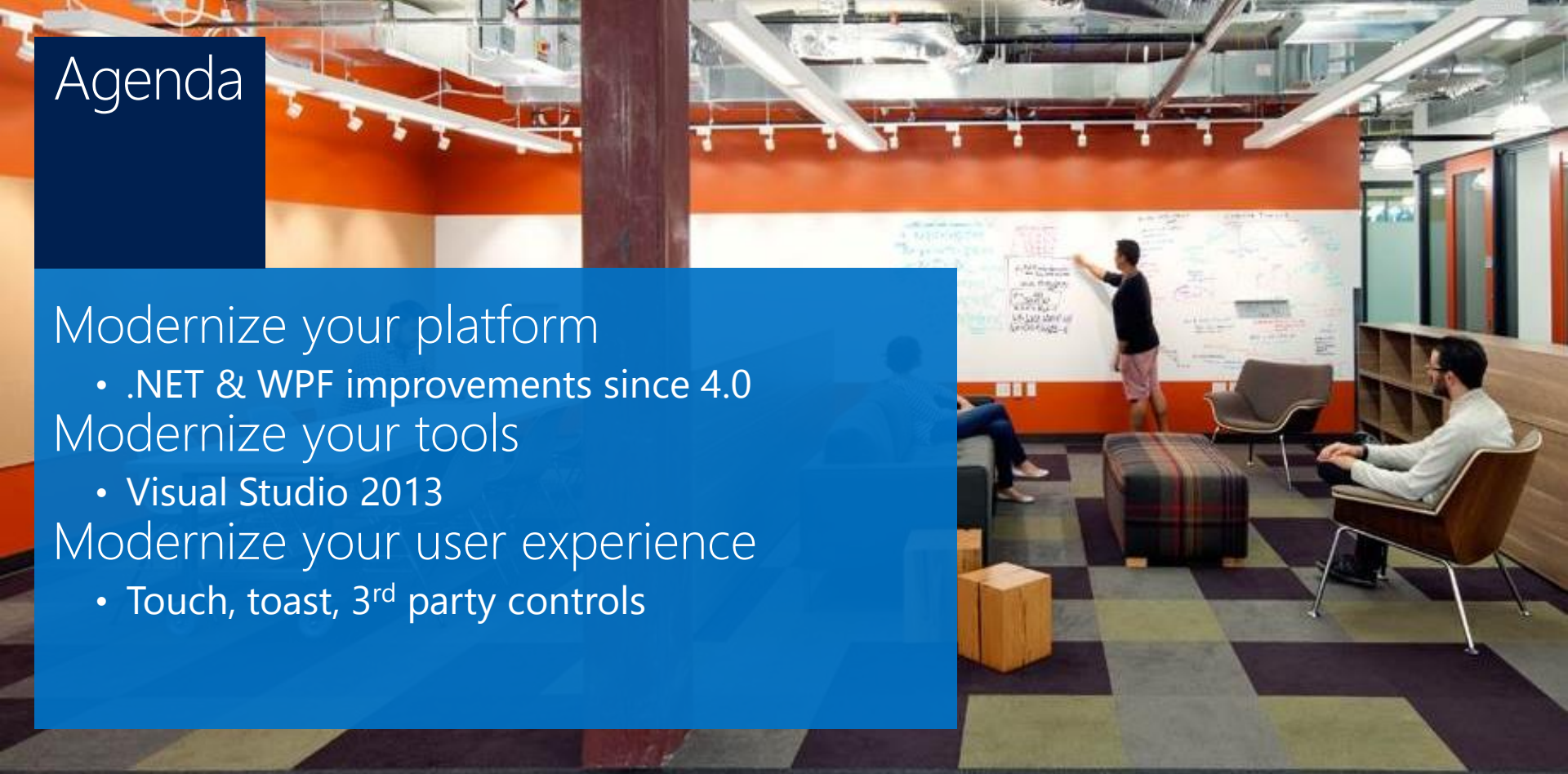
Build Modern Looking Apps

Presenter Name

Expense reporting backlog

- ~~Improve architecture, maintainability, and quality~~
  - ~~Adopt a services architecture~~
- ~~Improve accessibility, scalability, and operations~~
  - ~~Move to the cloud~~
- Update the user experience
  - Build a more modern-looking user experience
- Expand device support
  - Companion apps for Windows Store and Windows Phone

Agenda



Modernize your platform

- .NET & WPF improvements since 4.0

Modernize your tools

- Visual Studio 2013

Modernize your user experience

- Touch, toast, 3rd party controls

Microsoft

Modernize Your Tools

.NET & WPF improvements since 4.0

- Since .NET 4.0
  - async/await & PLINQ
  - Portable Class Libraries
  - Zip compression
  - Web Bootstrapper replaces Client Profile Installer for online scenarios
  - SQL connection resiliency
- Since WPF 4.0
  - Collections support modification from non-UI threads
  - Improved support for Weak References to events
  - Async data validation
  - Binding to static properties
  - Ribbon control

Visual Studio 2013 XAML improvements

- IntelliSense for data binding and resources
- Go to definition (F12) for resources and types
- Commenting markup supports nesting of comments
- Renaming a start tag also renames matching end tag
- Support for adding XAML code snippets
- All these improvements now also available for WPF, Silverlight and Windows Phone

Modernize Your User Experience

Touch

- Windows 8 is the best Windows operating system for touch input
- Windows Store & Windows Phone apps are optimized for touch input and provide the best touch experience
- Desktop Applications such as WPF can be enhanced for better touch support through custom code or 3rd party controls

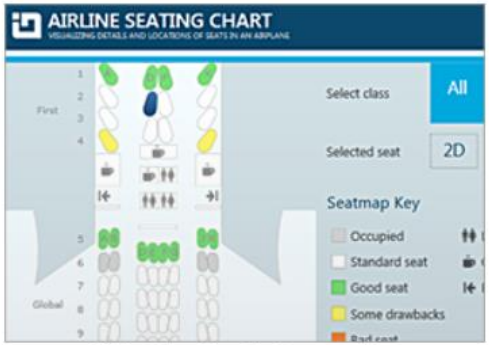
Windows 8 toast notifications

- Pop-up notifications in the upper right corner of the screen
- A user can select the toast (touch or click) to launch the associated action
- Toast notifications can be sent by Windows Store and Windows Desktop applications

Infragistics

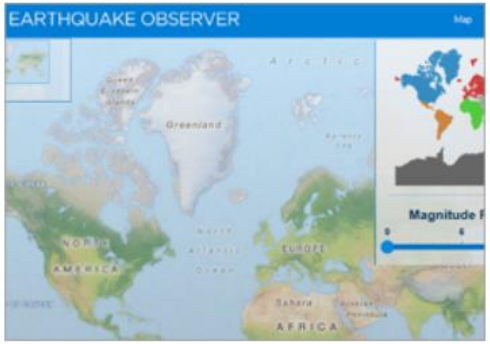
http://www.infragistics.com/products/wpf/

Auto Sales Reference App

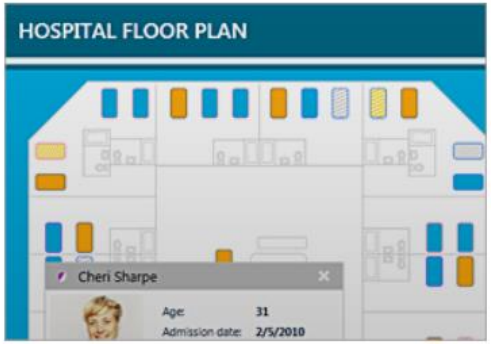


Airline Seating Reference App

Finance Reference App



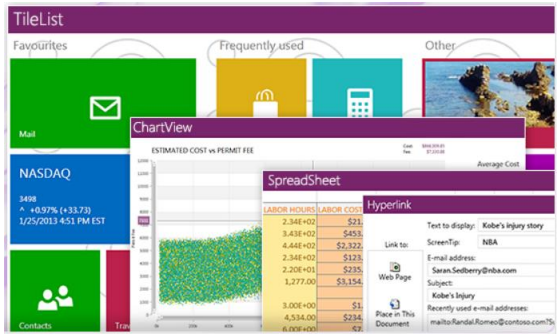
Earthquake Observer Reference App

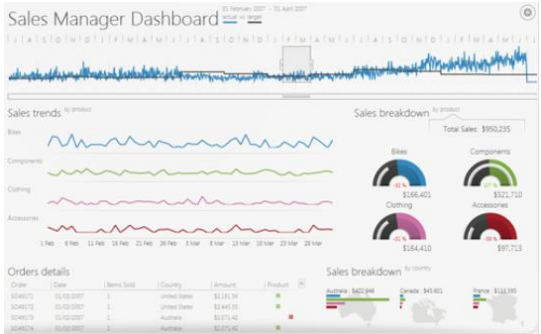


Hospital Floor Plan Reference App

Telerik

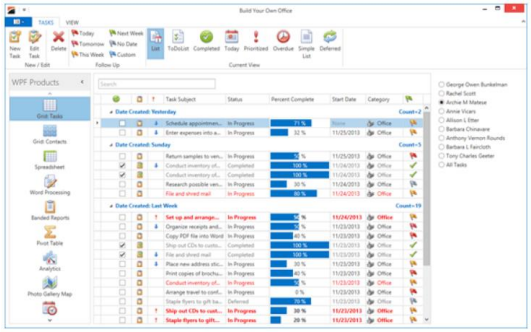
http://www.telerik.com/products/wpf/overview.aspx

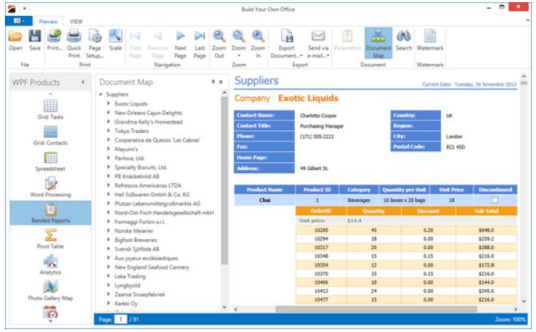


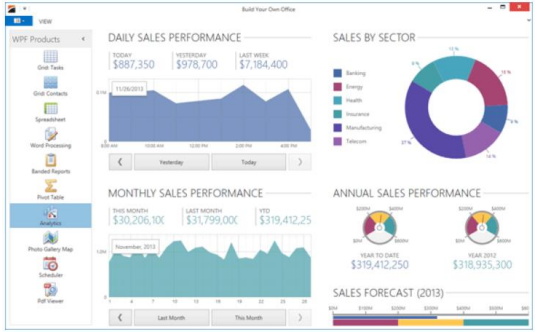


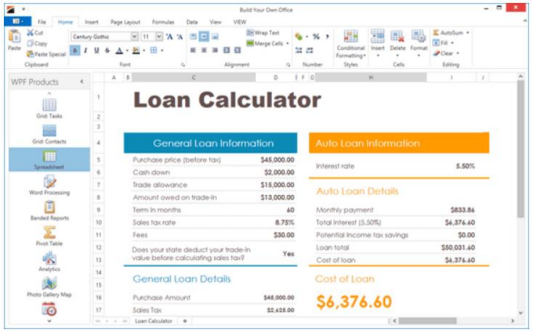
DevExpress

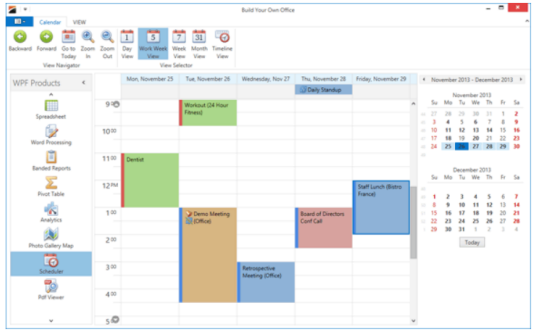
https://www.devexpress.com/Products/NET/Controls/WPF/

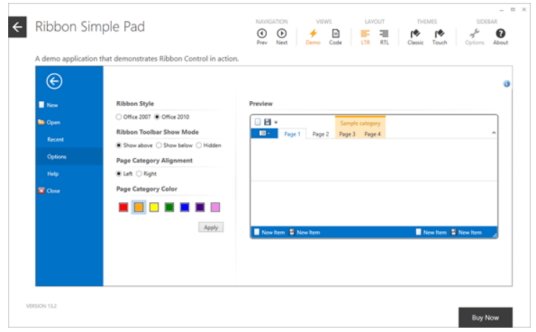






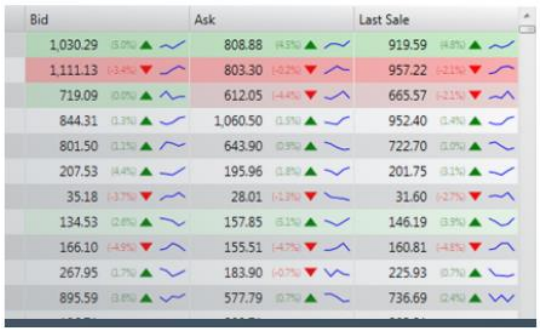


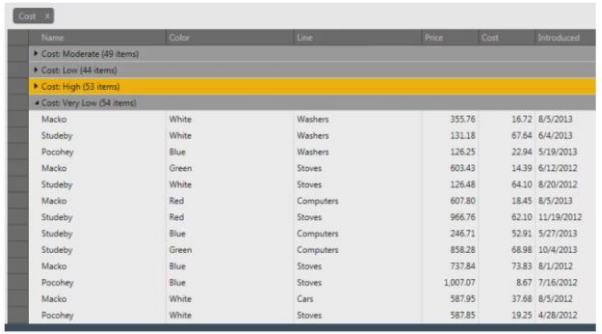


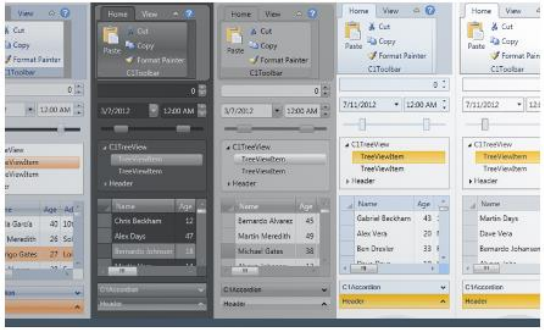


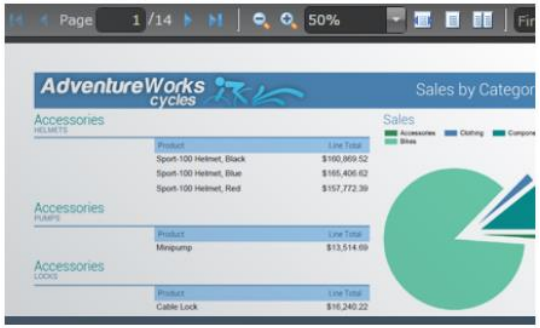
ComponentOne

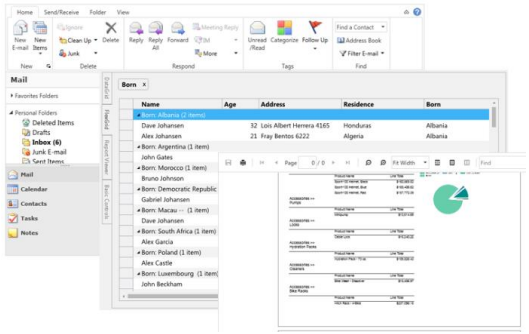
http://www.componentone.com/SuperProducts/StudioWPF/











Summary

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- Modernize your tools
  - Visual Studio 2013
- Modernize your user experience
  - Touch, toast, 3rd party controls

Resources

- XAML Editor Improvements in Visual Studio 2013
  - http://blogs.msdn.com/b/visualstudio/archive/2013/08/09/xaml-editor-improvements-in-visual-studio-2013.aspx
- Modernizing WPF Line-of-Business Applications
  - http://channel9.msdn.com/Events/TechEd/NorthAmerica/2013/DEV-B325#fbid=kt1W5OJuY58
- DevExpress Controls for XAML Developers
  - http://channel9.msdn.com/Shows/Visual-Studio-Toolbox/DevExpress-Controls-for-XAML-Developers

Resources

- Infragistics Controls for XAML Developers
  - http://channel9.msdn.com/Shows/Visual-Studio-Toolbox/Infragistics-Controls-for-XAML-Developers
- Telerik Controls for XAML Developers
  - http://channel9.msdn.com/Shows/Visual-Studio-Toolbox/Telerik-Controls-for-XAML-Developers
- ComponentOne Controls for XAML Developers
  - http://channel9.msdn.com/Shows/Visual-Studio-Toolbox/ComponentOne-Controls-for-XAML-Developers

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