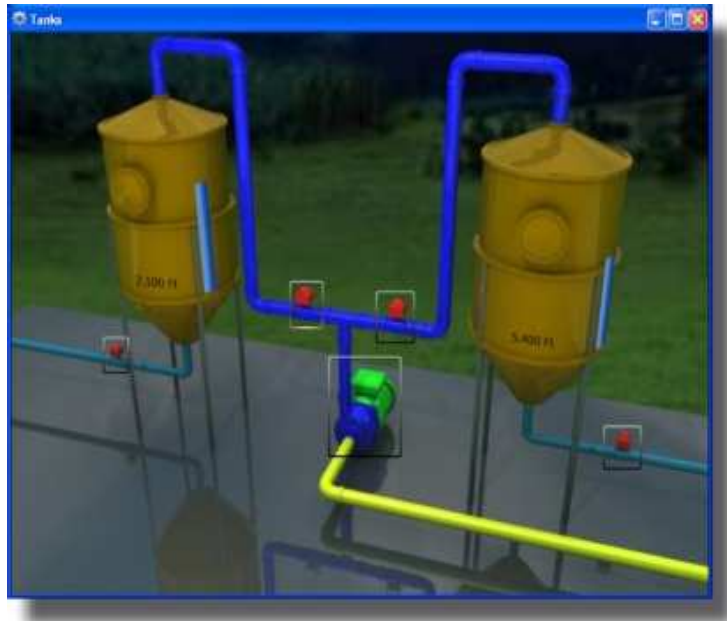


## OPC Systems.NET – OPC WPF.NET



OPC WPF.NET is a set of Windows Presentation Foundation controls that can be used with Visual Studio

2008, Visual Studio 2010, Expression Blend 2, and Expression Blend 3 to create HMI WPF applications with no code required. 100 % managed .NET component providing real-time data access and easy to use WPF controls. These components can be integrated into any WPF application. Free development and unlimited components to each licensed OPC Systems Service.



Data component for easy reading and writing of data. Integrated security with log in controls. Communicate data over your company network and Internet to unlimited remote clients world wide.



### OPC WPF.NET Controls

OPC WPF Data .NET Component for easy reading and writing data values from local and remote OPC Systems Tags and OPC Server Items.

100 millisecond update with 100 nanosecond resolution using queued data.

100% managed .NET component for use in local and remote WPF applications.

Border, Button, Canvas, CheckBox, ComboBox, ContentControl, DockPanel, DocumentViewer, Expander, Frame, Grid, GridSplitter, GroupBox, Image, Label, ListBox, ListView, MediaElement, Menu, ProgressBar, RadioButton, RichTextBox, ScrollingText, ScrollViewer, Separator, Slider, StackPanel, StatusBar, TabControl, TextBlock, TextBox, ToolBar, ToolBarPanel, ToolBarTray, TreeView, UniformGrid, ViewBox, WrapPanel, Network Node Aliasing, Security LogIn.

Change the following properties automatically from any local and remote Tag with no programming. Content, Background, Foreground, BorderBrush, Opacity, Width, Height, RotateAngle, ScaleX, ScaleY, SkewX, SkewY, TranslateX, TranslateY, IsEnabled, Visibility, ToolTip, Tag, SelectedIndex, Header, LargeChange, SmallChange, Maximum, Minimum, Position, Volume, SpeedRatio, IsMuted, Text, SetValue

Write values to Tags from Button Click, TextBox Enter, CheckBox Click, RadioButton ChangeChecked, ListBox SelectionChange, ComboBox SelectionChange, and Slider ValueChange with no code.

All Properties can be set directly or programmatically set in code if desired.

OPC WPF.NET components can access both local and remote Tag Parameters for values and alarm limits.

Bad Quality colors and text properties are available for indication of Bad Quality of data.

Unlimited number of local and remote applications.

Support on-line modification for all properties.



## OPC Systems Windows Service

(Included with purchase)

- Supports free connections to OPC Servers supporting OPC Data Access Specifications 2.x or 3.0.
- License allows unlimited local and remote WinForm application connections.
- Data source for each Tag can be a fixed value, local or remote OPC Item, or another local or remote Tag Parameter.
- Calculations are also a possible data source allowing real-time equations using library of math, logical, and string functions together with local and remote Tags.
- Implements .NET Remoting thus eliminating the need for DCOM configuration by connecting all OPC Servers locally with each OPC Systems Service.
- Supports on-line modification while the system is running. add, modify, and remove Tags.
- Includes free programmatic interface to define configurations from your own Visual Studio application.
- Supports DirectOPC pass through to connect directly to OPC Servers with dynamic tag addressing from client applications.

- Unique Multi-Threaded application service providing real-time data to local and remote .NET components.



## Smart Client Deployment

- All OPC Systems.NET components are Smart Client compatible.
- Application execution on remote systems without installing the application on the remote systems.
- Better user experience than web browser applications.
- Application updates to one directory and all remote systems are updated automatically.
- Tighter security control than web browser applications using built in .NET Framework security.
- Refer to our Smart Client on-line training video for easy to follow steps on deploying a Smart Client application.
- Click here to launch a WPF Smart Client example and to view more information on Smart Client deployment.





## Operating System Requirements

- Windows 7
- Windows Vista (with .NET Framework 3.5 SP1 or 4.0)
- Windows Server 2008 (with .NET Framework 3.5 SP1 or 4.0)
- Windows Server 2003 (with .NET Framework 3.5 SP1 or 4.0)
- Windows XP (with .NET Framework 3.5 SP1 or 4.0)

Use either 32 bit or 64 bit versions for your operating system.