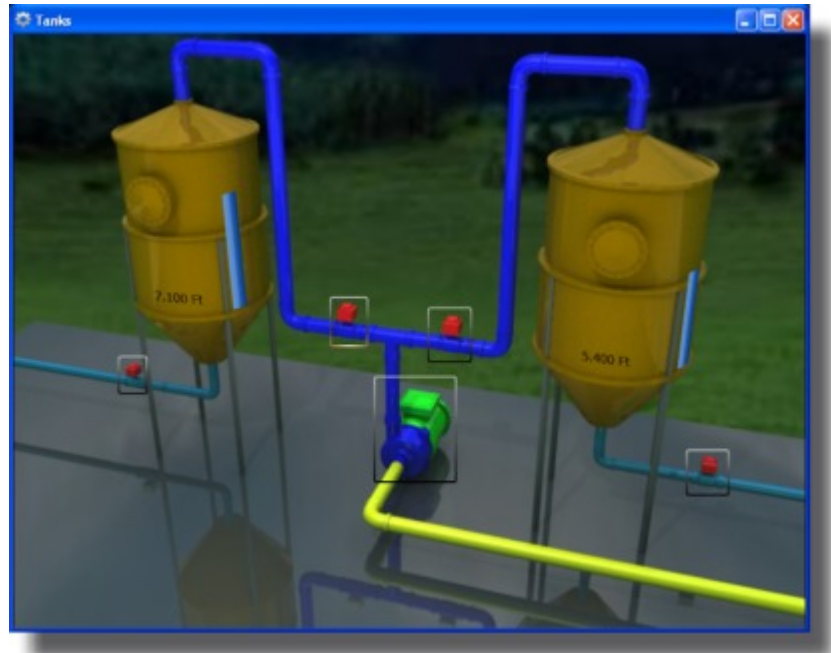


OPC Systems.NET - OPC Controls.NET



OPC Controls.NET is a set of .NET components that can be used with Visual Studio 2010, 2008, 2005, or 2003 to create HMI applications with no code required.



As a Service Oriented Architecture the OPC Systems Service can connect to data from OPC Servers, OPC Clients, Visual Studio Applications, and databases. All data is transported over .NET communications making networking easy over the Internet.

100 % managed .NET component providing real-time data access and easy to use WinForm components. These components can be integrated into any Visual Studio.NET application. Free development and unlimited components to each licensed OPC Systems Service. Data component for easy reading and writing of data. Label, Button, TextBox, CheckBox, RadioButton, GroupBox, PictureBox, Panel, ListBox, ComboBox, HScrollBar, VScrollBar, and TrackBar .NET components. Communicate data over your company network and Internet to unlimited remote clients world wide.

Create HMI applications with no programming required using Visual Studio 2010, 2008, 2005, and 2003.



All components are 100% managed providing easy to deploy applications supporting Smart Client deployment.

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

- OPC Controls Label .NET Component.
- OPC Controls Button .NET Component.
- OPC Controls TextBox .NET Component.
- OPC Controls CheckBox .NET Component.
- OPC Controls RadioButton .NET Component.
- OPC Controls GroupBox .NET Component.
- OPC Controls PictureBox .NET Component.
- OPC Controls Panel .NET Component.
- OPC Controls ListBox .NET Component.
- OPC Controls ComboBox .NET Component.
- OPC Controls HScrollBar .NET Component.
- OPC Controls VScrollBar .NET Component.
- OPC Controls TrackBar .NET Component.
- OPC Controls StatusBar .NET Component.
- 100 millisecond update with 100 nanosecond resolution using queued data.
- Change BackColor, ForeColor, Text, Tag, ImageIndex, Enabled, Visible, Size, Location Properties from any local and remote Tag with no programming.
- Write values to Tags from Button Click, TextBox Enter, CheckBox Click, RadioButton ChangeChecked, ListBox SelectionChange, ComboBox SelectionChange, and HScrollBar, VScrollBar, and TrackBar ValueChange with no code.
- All Properties can be set directly or programmatically set in code if desired.
- OPC Controls.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.



Product Features

- Configure both local and remote OPC Systems Service configurations manually, with CSV Export and Import, or programmatically from your own application.
- Control and modify Tag, Data Logging, Alarm Logging, Alarm Notification, Recipe, Report, and Security configurations along with and Options from your own application!
- Unlimited remote clients.
- Implement Smart Client deployment with 100% managed components.
- Use Visual Studio 2010, 2008, 2005, or 2003 to create your own applications.
- Extremely fast data update with very low CPU usage.

- Very cost effective solutions for both individual and corporate users.
- Perfect solution for OEMs to create their own SCADA / HMI software to package with their systems.
- Fast development time with no code required.
- Easy setup of trending, alarming, data logging, reports, recipe management, and security in central configuration.
- Use your own data from .NET applications.



Operating System Requirements

- Windows 7
- Windows Vista
- Windows Server 2008
- Windows Server 2003
- Windows XP
- Windows 2000 (with .NET Framework 2.0, 3.5, or 4.0)

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