OPC Systems.NET - OPC Client.NET

OPC Server to use with unlimited local and remote OPC Clients for OPC Systems.NET data. Use any Data Access 2.0x or 3.0 OPC Client to connect to local and remote OPC Servers through .NET communications, eliminating the need for DCOM.
Each OPC Systems Service can communicate to Data Access 2.0x and 3.0 OPC Servers, Windows .NET and web applications through OPC Controls.NET, databases through OPC Database.NET and OPC Recipe.NET, and pocket PC applications through OPC Mobile.NET. All data is centralized for unlimited local and remote OPC Client connections. Implement one to one, one to many, and using built in Calculations many to one OPC Item data transfer. Implements .NET Remoting to transfer data from multiple OPC Systems Windows Services, which eliminates the need to use the DCOM for remote OPC Server access. Runs as a Windows Service and comes with free configuration application to allow on-line modifications from local or remote systems. Communicate data over your company network and Internet to unlimited remote clients world wide.

OPC Client.NET Features

- Adds .NET communication support for any Data Access OPC Client supporting DA 2.0x or 3.0 to any OPC Server.
- Communicate data over your company network or Internet.
- Install and use OPC Systems.NET OPC Server on unlimited local and remote systems for each license.
- Centralizes multiple OPC Client connections down to one OPC Server connection improving overall communication performance of OPC Servers.
- Use Calculations as data source to create real-time equations from multiple OPC Servers to your OPC Client.
- Integrate data from any .NET application using OPC Controls.NET to your OPC Client.
- Use OPC Recipe.NET to enabled databases as read only data to your OPC Client.
- No limit on the number of items as data source and target.
- Implements .NET Remoting to greatly simplify remote data transfer from system to system.

- Use multiple OPC Systems Windows Services to build a complete network of data transfer system and connect each Service to local OPC Servers, thus simplifying network administration and eliminating DCOM configuration.
- Supports Data Access 2.0x and 3.0 OPC Clients.
- Cost effective OPC tunneling solution, both on price and connectivity. Each licensed supports unlimited use on OPC Client systems.
- Support on-line modification for all properties, so no interruption of data transfer is required during configuration.
- Pass through tunneling with connection directly to OPC Servers from OPC Clients using DirectOPC items.

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.

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!
- 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.