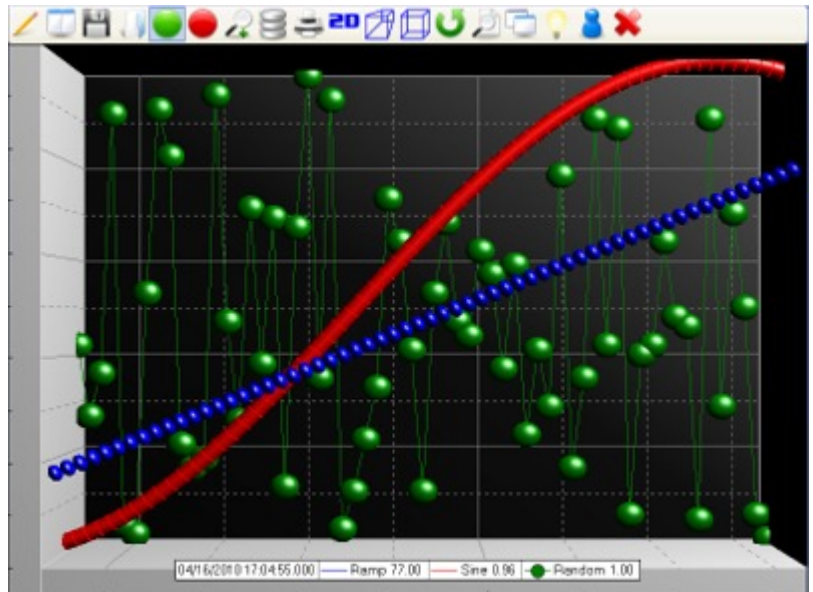# OPC Systems.NET - OPC Trend.NET

Real-time 2D and 3D trending and with OPC Database.NET historical trending.

Includes 100 % managed .NET component that can be integrated into any Visual Studio.NET application. Free development and unlimited trend windows to each licensed OPC Systems Service. Communicate trend data over your company network and Internet to unlimited remote clients world wide.

OPC Trend.NET Component

- OPC Trend.NET component is for use in developing local and remote Visual Studio.NET 2010, 2008, 2005, and 2003 applications.

- 100% managed OPC Trend.NET trend window component.

- OPC Trend.NET supports 2D and 3D trending charts.

- OPC Trend.NET components can access both local and remote Tag Parameters for Values, Time On and Count data, Alarm Status, and Alarm Limits.

- There is no data loss in the OPC Trend.NET component if it losses a remote network connection to other OPC Systems Services.

- Support on-line modification for all properties.

- Interface provides support for programmatic methods for retrieving data from database and binding to a DataTable with the GetTrendDataTable method.

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 and WPF 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.