

## OPC Systems.NET – OPC Web Alarm.NET



OPC Web Alarm.NET  
 Real-time and historical  
 alarming. Alarm Logging  
 to SQL Server, SQL  
 Server Desktop, Access,  
 Oracle, ODBC, mySQL,  
 and CSV files. 100 %  
 managed ASP.NET

Date Time	Text
6/14/2007 5:32:50 PM	Ramp High High Alarm
6/14/2007 5:32:39 PM	Sine Low Low Alarm
6/14/2007 5:32:35 PM	Sine Low Alarm
6/14/2007 5:32:30 PM	Ramp High Alarm
6/14/2007 5:32:09 PM	Sine High High Alarm
6/14/2007 5:32:05 PM	Sine High Alarm
6/14/2007 5:31:33 PM	Pump 1 is Running
6/14/2007 5:31:33 PM	Pump 2 is Running
6/14/2007 5:31:33 PM	Pump Running
6/14/2007 5:31:30 PM	Ramp Low Alarm
6/14/2007 5:31:30 PM	Ramp Low Low Alarm

component providing real-time easy to use  
 ASP.NET WebForm component. This component  
 can be integrated into any ASP.NET 1.1 or 2.0  
 Web application. Use Visual Studio.NET to create  
 a real-time interface as an ASP.NET Web  
 Application or ASP.NET Web Service.

Free development and unlimited components to  
 each licensed OPC Systems Service. This  
 component implements AJAX technology to  
 provide real-time data update without refreshing  
 the page!

Web applications developed with OPC Web Alarm.NET can  
 be viewed using the iPhone.



### OPC Web Alarm.NET Component

- OPC Web Alarm.NET component is for use in local and remote ASP.NET web applications.
- OPC Web Alarm.NET supports alarm grouping, filtering, and on-line modification.
- OPC Web Alarm.NET components can access both local and remote alarms from multiple licensed OPC Systems Services.
- There is no data loss in the OPC Web Alarm.NET component if it loses a remote network connection to other OPC Systems Services.
- Support on-line modification for all properties.



### Alarm Logging

- Alarm Logging for SQL Server, SQL Server Desktop (MSDE), Oracle, and mySQL.

- Log alarms from remote OPC Systems Services and lose no alarms on temporary network failures or database engine failures.
- Activate logging from OPC values.
- Change the database server, database name, table name, or CSV path and file name while the system is logging from OPC values.
- Supports on-line modification for all properties.



## Alarm Notification

Send out e-mails based on specified filter criteria.

Keep track of how many alarms are currently active.

Monitor how many alarms have occurred over a specific time period.

Automatically update OPC Systems.NET Tags or OPC Items with alarm summary information matching specific filter criteria.



## 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.



## 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.