



General Dynamics has implemented OPC Systems.NET on a computer system designed for use on all nuclear powered U.S. Navy submarines and aircraft carriers. Systems, utilizing OPC Systems.NET, are collecting high speed data from nuclear reactors and propulsion auxiliary system components.

The OPC Controls.NET data component is used to populate data from a custom Visual Studio application. OPC Controls.NET provides queuing from Visual Studio applications with resolution up to 100 nanoseconds. This is a perfect example of how OPC Systems.NET can be used to process proprietary data that is not from an OPC Server and share this custom data with other OPC Servers and Clients.



Remote OPC Systems.NET services then collect the data to log to an Oracle database using OPC Database.NET with no data loss on temporary network failure or database engine failures. Queuing and buffering is also supported in database connections to OPC Systems Services. The data from the custom Visual Studio application can also be monitored from other third party OPC Clients with the OPC Systems.NET OPC Server which is part of the OPC Client.NET feature.

OPC Systems.NET implements .NET communications for remote communications to eliminate the need for DCOM. All components of OPC Systems.NET are 100% managed so Visual Studio applications developed with OPC Systems.NET are easy to deploy and they themselves can also be 100% managed. OPC Database.NET can log to Oracle, SQL Server, Access, MySQL, and also CSV files.

"OPC Systems.NET is the most comprehensive, easy-to-use, and flexible OPC toolkit for the .NET developer."

"Open Automation Software offers unparalleled customer support and timely, reasonably priced custom modifications which can stand up to the most challenging and unique automation programming tasks."

Philip Newman, General Dynamics – Electric Boat



For more information on OPC Systems.NET and to download a free 30 day evaluation visit www.opcsystems.com.

Visit our Sales page to find a representative near you.

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