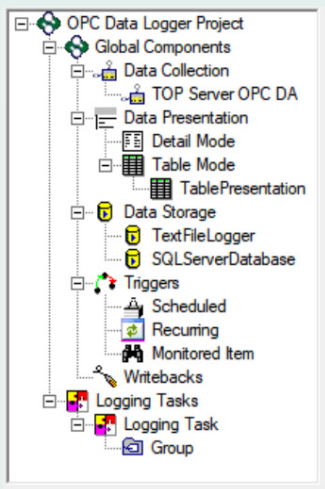


POWER THROUGH COMPLEX PROJECTS

The configuration of OPC Data Logger consists of four key parts, used to create unique projects.

Using these four components of the OPC Data Logger you may collect and store data from different sources and in a variety of ways and locations.

- **Collectors**—Configures where the data comes from (OPC DA or UA Server)
- **Storage**—Specifies where the data gets put (text file or database)
- **Presentation**—Defines data storage type (table/detail mode)
- **Triggers**—Controls when data is Logged (Scheduled, Recurring, Monitored item)
- **Writebacks**—Enables tag value updates in the OPC Server after Database events
- **Set up**—Wizard-driven and easy



Want a snap shot? Just use the Trigger.

OPC Data Logger accesses data when and where you need it. Using time or event-based triggers to start and stop logging provides flexibility to log on data changes at regular intervals.

Trigger logging on time schedules, end of shifts, end of batch runs, or any digital or analog signal in the process. Additionally, start logging when an alarm goes high and stop when it returns to normal.

OPC DataLogger is versatile and is used to control triggers using any OPC-accessible point. The possibilities are extensive.

EXCEL/CSV & TEXT FILES

DATABASES



Get logging—fast, easy and open

Packed full of wizards, OPC Data Logger makes configuration easy. Interoperability tested with a wide variety of OPC DA servers, OPC Data Logger's open interface makes use of standard text and database files.

Log without limits

No item limits with any license. No limit to the number of connections to OPC Servers. And no limits to the number of connections to the same type of database or file.

OPC Independent Test Lab Certified for Compliance



As our assurance of a robust product, OPC Data Logger has passed the OPC Foundation's rigorous independent test lab certification. This intense testing procedure insures that OPC Data Logger follows the best practices as outlined by the OPC Foundation to facilitate reliable interoperability with other OPC products.

Features

- Plug-in based architecture
- Log data from OPC DA 2.x, 3.x, OPC UA (DA profile) compliant Servers, and destinations such as Text Files and Database providers
- Point and click browsing of OPC Server and select multiple tags
- Dynamic OPC Addresses supported for OPC Servers without items/tags
- Supports file spanning with Text files and flexible automatic file naming
- Store and Forward data from a local buffer during database connection lost
- Triggers to log data based on value of monitored item, on a time frequency, and at a scheduled time
- Writebacks confirming successful logs, lost and re-established connections to databases, and notifications of any logging issues
- Automatic re-establishing of lost connections from data origins and destinations
- Built-in interoperability tools, troubleshooting, and event logging
- Configure and test configurations without affecting active data logging
- Functions as a Windows Service for automatic start-up and unattended operation
- Verify configuration settings with test logging



OPC Data Logger is a highly versatile OPC Client for collecting process and production data from OPC Server data sources and placing it in data storage locations dependent upon file types and purchased license. OPC Data Logger can connect to any OPC DA 2.x, 3.x or OPC UA (Data Access profile) compliant server and is developed using Microsoft .NET technologies for use on Microsoft Windows Operating Systems.

APPLICATION EXAMPLES: YOU CAN LOG ...

- Process settings when they change
- Key alarm-related operating conditions to help root-caused diagnosis
- Shift or daily production values
- Schedule different groups of data to log at different times or under different conditions
- Data for reports, logging process settings changes, monitoring value changes, and any time frequency

SUPPORTED PLATFORMS

- Windows 7, Windows 10, Windows 11
- Windows Server 2016, 2019, 2022

SUPPORTED DATA STORAGE METHODS

- Excel/CSV & Text Files (CSV,Tab, Pipe, Semicolon)
- Microsoft Access 2000 and later
- SQL Server 2005 and later (including Express editions)
- ORACLE 10i and later
- MySQL 4.1 and later
- ODBC compliant databases

SYSTEM REQUIREMENTS

- Computer capable of running the chosen operating system
- Disk space: 100Mb for OPC Data Logger, plus storage space for your log files. Approximately 256Mb for .NET Framework 4.0 if not already present on your PC
- Memory: 20Mb for unattended service operation, additional 30Mb for configuration interface
- Supports any OPC DA 2.x, 3.x or OPC UA (DA profile) compliant Server
- Microsoft .NET Framework Version 4.0 or higher

ORDERING THE OPC DATA LOGGER

Contact a Software Toolbox products distributor or Software Toolbox directly for shipment or product download. Demos may be converted to a licensed version. Or, upgrade from an existing version. Licenses may be combined to simultaneously log to different types of databases. No item or connection limits.

Questions? Call us today at 888-665-3678 (in the US) or 704-849-2773 (International).