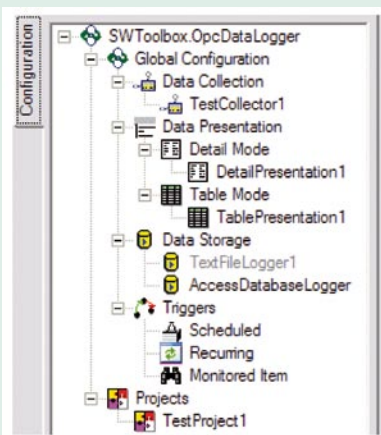


POWERFUL ENOUGH FOR COMPLEX PROJECTS

The configuration of the Data Logger consists of four key parts, used to create unique projects. Wizard-driven setup makes your first project easy. Using these four components of the Data Logger you may collect data from different sources and store it in a variety of ways and locations.

- **Collectors**—Configure where the data comes from (OPC DA Server)
- **Storage**—Specifies where the data gets put (text file or database)
- **Presentation**—Defines how the data is stored (table or detail mode)
- **Triggers**—Control when the data gets Logged (Scheduled, Recurring, Monitored item)



By combining Data Logger's capabilities with your projects, you will accomplish a lot more that you thought previously possible.

Our flexible licensing lets you buy just what you need and combine logging types in the same project. For example, with a text file and database license you can log process changes to a database and production shift data to a text file for each shift.

Want a snap shot? Just use the Trigger.

You want your data when you want it and where you want it. One of the key things that makes the OPC Data Logger special is its use of Triggers to start and stop logging. Unlike a Historian where you are logging lots of data all the time, the OPC Data Logger can start and stop logging based on times and conditions. This makes it a great tool for other data collection needs. OPC Data Logger will perform sampling, end of shift or end of batch runs, start logging when an alarm goes high then stop logging when it is back in normal condition.

TEXT FILES

DATABASES



Get logging—fast, easy and open

The OPC Data Logger's ability to browse and choose multiple OPC items makes configuration fast. It's packed full of wizards that make configuration extremely easy. It's use of standard text and database files along with a proven OPC Client interface that has been interoperability tested with a wide variety of OPC DA servers as data sources makes it open.

Log without limits

No item limits with any license and connect to as many OPC Servers as you like. No limits on the number of connections to the same type of database or file.

OPC client self-test certified



The OPC Data Logger is one of the few OPC Client products that has passed the new OPC Client compliance testing to insure that it follows all the best practices for OPC clients as outlined by the OPC Foundation.

Features

- Plug-in based architecture
- Log data from a variety of data sources, such as OPC DA 2.x and 3.x compliant Servers
- Point and click browsing of OPC Server and select multiple tags
- Dynamic OPC Addresses supported for OPC Servers without items/tags
- Log data to a number of destinations such as Text Files and numerous Database providers
- Supports file spanning with Text files and flexible automatic file naming.
- Log data continuously
- Triggers to log data based on value of monitored item
- Triggers to log data on a time frequency
- Triggers to log data at a scheduled time
- Automatic re-establishing of lost connections from both data origins and destinations
- Advanced interoperability tools, troubleshooting and event logging built-in
- Configure and test your configurations without affecting any data logging currently in progress
- Runs as a Windows Service for automatic start-up and unattended operation
- Test logging feature makes verification of configuration settings easy
- Ready for future OPC UA support

The purpose of the OPC Data Logger is to collect process & production data from OPC Data Access Servers and place this data in data storage locations. The available data storage locations and file types depend on which features are installed and which license is purchased. The OPC Data Logger is an OPC Data Access (DA) Client and can connect to any OPC DA 2.x or 3.x compliant server. The OPC Data Logger is developed using Microsoft .NET technologies for use on Microsoft Windows Operating Systems.

APPLICATION EXAMPLES

- Log process settings when they change
- Log key alarm related operating conditions to help root-caused diagnosis.
- Log shift or daily production values
- Log data for reports
- Schedule different groups of data to log at different times or under different conditions
- Log data on changes – ideal for logging process settings changes
- Log data on any time frequency
- Log data when a monitored value changes to a particular condition.

SUPPORTED PLATFORMS

- Windows XP SP2
- Windows Vista Business
- Windows Server 2000, 2003

SUPPORTED DATABASES

- Text Files (CSV, Tab, Pipe, Semicolon)
- Microsoft Access 2000 and later
- SQL Server 2000 and 2005 as well as MSDE version
- ORACLE 10i and later
- MySQL 4.1
- ODBC compliant databases

SYSTEM REQUIREMENTS

- Computer capable of running the chosen operating system
- Disk space: 3 Mb for OPC Data Logger, 25Mb for .NET Framework if not installed, plus storage space for your log files
- Memory: 20Mb needed to start and run OPC Data Logger
- Supports any OPC Data Access Server 2.x to 3.0
- Microsoft .NET Framework Version 2.0

ORDERING THE OPC DATA LOGGER

To order the OPC Data Logger, contact your nearest Software Toolbox products distributor or Software Toolbox directly. The OPC Data Logger demo may be converted to a licensed version. The product is available via internet download or shipment.

| | | |
|--------------|--------------|-------|
| P/N 41100110 | Text file | \$495 |
| P/N 41100111 | MS Access DB | \$795 |
| P/N 41100112 | SQL Server | \$795 |
| P/N 41100114 | MySQL | \$795 |
| P/N 41100115 | Oracle | \$995 |
| P/N 41100116 | ODBC | \$995 |

Call for upgrade from earlier versions. Licenses can be combined to log to different types of databases at the same time. There are no item limits or connection limits of any type.