

Software

DHS-333: Historian

Description

Historian is an ORCAview/ORCAweb add-on, or a stand-alone application. It allows trend log and alarm data to be permanently archived to a standard SQL database. Tens of thousands of trend logs, each containing billions of data points, can be stored in a single Historian server simply by right-clicking a trend log and then selecting "Add to Historian".

Intelligent scheduling algorithms automatically determine the safest and most efficient intervals to archive data. Data can be backed up and stored permanently using standard database tools, or by using the simple Historian Database Management Tool (HDMT) included with the Historian package.



Application

Historian is designed for facilities (small, medium or large) needing to preserve trend log and alarm data for periods of time greater than ORCAview alone can allow. Small, medium and large packages are provided as an add-on to ORCAview and ORCAweb. The Historian server package is provided as a stand-alone application.

Historical trend log information can be used for analyzing long-term operational performance, energy consumption, seasonal performance variations, and fault detection or tracing.

Features

—Use Historian with MSDE (default), MySQL, or SQL Server 2000/2005

- Run Microsoft SQL Server 2000/2005 on a different server than Historian
- Archive tens of thousands of trends to a single Historian (over a WAN)
- Historian data is integrated and then viewed in the ORCAview software
- Archive any BACnet compliant trend log from any vendor
- Historian service automatically starts in the event of power interruption
- Intelligent scheduling algorithms determine when Historian should archive trend log records
- Archive event logs for alarm history records
- Use the simple HDMT to backup and prune records
- Add trend logs and event logs to Historian simply by right clicking on the desired trend log
- Access Historian data with ODBC compatible applications
- Disk monitoring notifies operators or administrators when the hard disk is nearing capacity

Specifications

Operating System

Microsoft Windows 2000/2003 Server, XP

PC (minimum)

Pentium 4 @ 1.8 GHz

512 MB RAM

40 GB free hard disk space

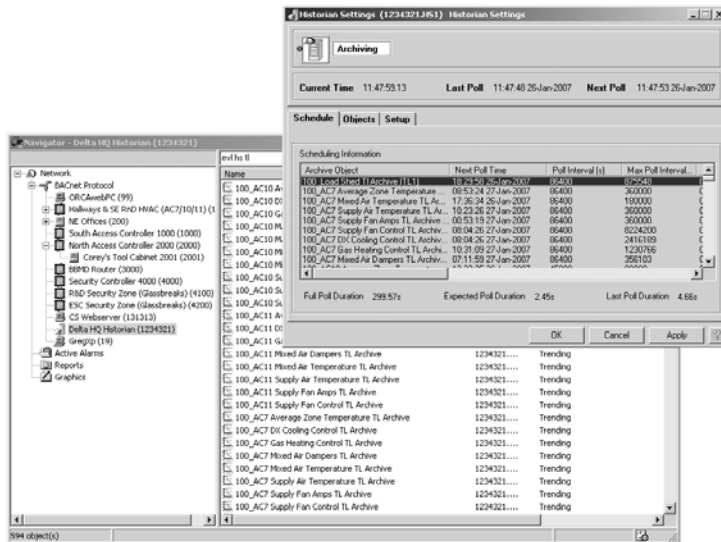
Video

1024 x 768 (16 bit color)

Document Edition 3.0 January 2007

Software

Historian: Ordering Options



Ordering

Order Historian with the desired options, according to the following product numbers:

DHS-333—Delta Historian Server software (Version 3.33), including manual and hardware key (unlimited Trends Logs).

DHS-333-0 —Delta Historian Server software with unlimited Trend Logs and the ODBC Driver option (also includes DDE).

Historian can also be ordered as an add-on to ORCAview or ORCAweb. See the DOW-333 and DWS-333 catalog sheets for more information on options specific to these products.

The following Historian options can be added to DOW-333 and DWS-333:

- HS—Historian Small (<50 Trends Logs)
- HM—Historian Medium (<250 Trends Logs)
- HL—Historian Large (<500 Trends Logs)

Examples

DOW-333I-HM-0— example includes ORCAview with Historian Medium, as well as Illustrator and ODBC

DWS-333L-HL— example includes ORCAweb Large with Historian Large