

MatrikonOPC History Link

Easily link your islands of data, or transfer and consolidate historical data, for trouble-shooting and analysis in minutes.

MatrikonOPC HistoryLink is the only historical data transfer tool you will ever need. No longer will isolated islands of data plague your operation. A truly flexible and agile tool, HistoryLink is for anyone who is currently collecting or storing historical data and is a quick, easy way to transfer historical data.

No longer are custom programs or scripts required to move data. MatrikonOPC HistoryLink is an off-the-shelf and do-it-yourself application, to make data transfer quick and seamless.

MatrikonOPC HistoryLink benefits users who are currently collecting or storing historical data using event triggers. MatrikonOPC HistoryLink can be scheduled to regularly and automatically transfer historical data.

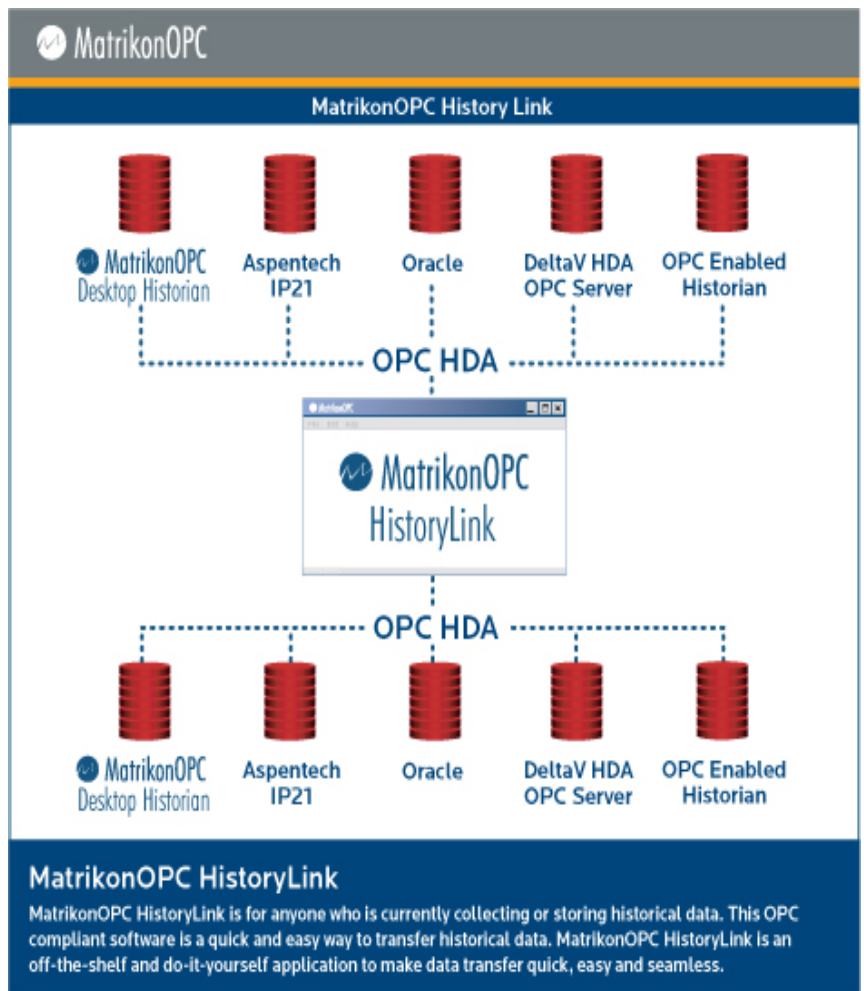
Modes of Transfer:

Scheduled: Step-by-step wizards make automating the transfer of historical data quick and easy.

Event initiated: MatrikonOPC HistoryLink has the built in ability to easily accommodate event based data migration.

Event Transfer Module

MatrikonOPC HistoryLink is available with an optional Event Transfer Module (ETM). The ETM adds tremendous value to this robust OPC Client by enabling users to capture event-relative historical data. The ETM data can then be used for trouble-shooting, sequence of events analysis and reporting.



Event Transfer Module Features include:

- Configurable data timeframe before and after specified events ensure that all necessary data is transferred
- Enables HistoryLink to capture only the event-relevant data
- Standards-based system adheres to the OPC DA and HDA specifications
- Capture process data with millisecond resolution
- Data transfers based on single (Trip) or sequential (Batch) events

Features include:

- Easy to install, configure and use
- One-time data migration or regularly scheduled data synchronization
- Provide status information for data transfer
- Provide redundancy between two peer HistoryLink products for scheduled transactions
- Schedule regular transfer of historical data from one source to another
- Move data from CSV or OPC Server to multiple CSV or OPC Servers
- Control the amount of bandwidth used for transferring large amounts of historical data over corporate network lines. Eliminate stress on plant control networks during historian syncing.
- Capture process data with millisecond resolution
- Configurable data timeframe before and after specified events ensure that all necessary data is transferred
- Option for expanding data timeframe to ensure delivery of sporadic data
- Configurable retry mechanism to prevent data loss in time of communication failure

Typical uses:

Automated transfer of data: HistoryLink can be scheduled to regularly and automatically transfer historical data generated by Remote Terminal Units (RTU), Analyzers, or other devices to a centralized process historian or CSV file. This makes it a perfect fit for SCADA environments where data is collected remotely and needs to be transferred to the enterprise level for analysis and/or long-term storage.

Multi-site data migration and synchronization: HistoryLink seamlessly facilitates the transfer and synchronization of historical data from archived sources of data to one or more databases or CSV files.

Trip Capture: Available through the ETM. Having sub-second historical data for analysis is extremely useful for post-trip analysis. HistoryLink captures sub-second data surrounding a trip event (or any significant event) and delivers the data to the operation's existing process historian; analyze the sub-second process data using the analysis tools already deployed!

Batch Capture: Available through the ETM. Instead of collecting data that is not relevant to specific phases of a process, HistoryLink delivers data defined by a specific phase of a process to the process historian, thus eliminating the need to sort through irrelevant data. Increase your operational effectiveness by only analyzing the data that matters!

OPC Store and Forward: Ensure all remote real time data is delivered reliably to the process historian. Utilizing OPC HDA Store and Forward Technology, all process data is retrieved, even if communication is lost!

Related Products

Historical data sent by HistoryLink can be compressed, encrypted, and tunnelled using MatrikonOPC's Tunneller.