

Enterprise Historian

OPEN

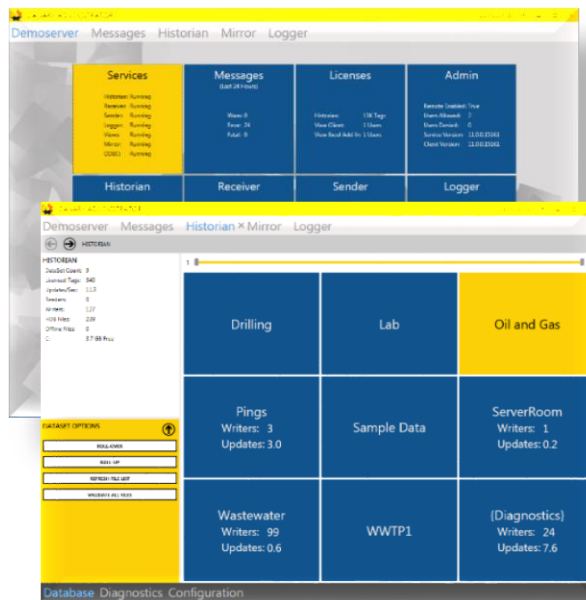
Access your data using a wide variety of options. The data is accessible to your client applications via Web Services, ODBC, OPC UA, OPC HDA and API.

SCALABLE

Deploy the historian as a basic 100 tag HMI add-on or as a complex 25 Million tag enterprise resource. Built-in performance monitoring ensures the system is running at peak efficiency.

STORE & FORWARD

The distributed design allows clients to collect data from remote sources and safeguards that the data are sent to the Enterprise Historian in the event of a communication outage.



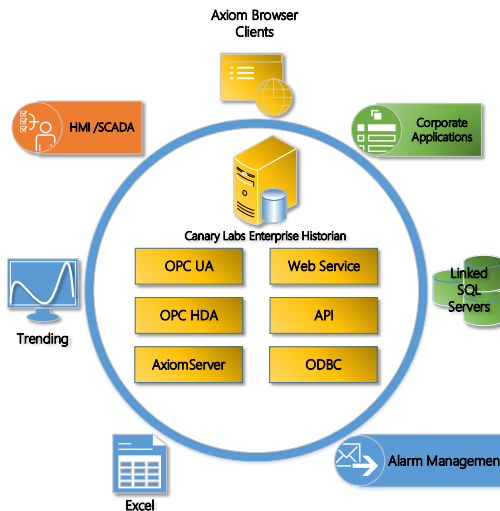
- Archive high volumes of high fidelity data and retrieve that data efficiently.
- Link time series data with associated data such as batch information and user annotations.
- Flexible architecture supports configurations from a single stand-alone system to a complex redundant and distributed system.

The Canary Enterprise Historian is the platform that acquires and stores large volumes of data generated from process applications. Our data historian software is used in applications ranging from 100 tags to over 25 million tags, demonstrating scalability and performance without the need for special computing hardware. It has the capability to store more than 1 million samples with Timestamps, Value and Quality (TVQs) per second, easily meeting the requirements of high speed applications. The Canary Enterprise Historian can obtain data from many disparate data sources, allowing easy access via one central and easy to use interface.

The Canary Enterprise Historian administrative application can easily access any historian on your network; allowing monitoring and configuring from a single location. Administrative features such as automatic dataset validation, archiving, roll over and roll up, audit trails and performance monitoring make the Canary Enterprise Historian capable of performing in a complex enterprise. Multiple Canary Enterprise Historians can be used in environments that require redundancy and high data availability.

Access Your Data Anywhere

The Canary Logger provides connectivity to a wide variety of measurement devices via OPC DA, file processing and SQL. As the data are collected the Logger caches it locally in the event of a communication outage. When the data are received and stored in the Enterprise Historian it's made available to your client applications via Web Services, ODBC, OPC UA, OPC HDA and API. These options enable your users to view data in clients ranging from Excel to custom in-house solutions.



The Enterprise Historian Data Mirror provides customers with the ability to transport real-time and snap shot images of data from a primary historian to a secondary historian. The secondary historian can be on the same network but installed on a separate PC for disaster recovery purposes or the data could be transported via the web to a facility at another physical location.

System Requirements

- **Server** (minimum):
 - Dual Core 2.0 GHz Processor
 - 4 GB RAM
 - Windows 7 x64 or greater
 - Windows Server 2008 x64 or greater
 - .NET 4.5 or greater
 - 10 GB Free Disk Space
 - UPS Highly Recommended
- **Data Collection Client:**
 - Windows 7 or greater (32 or 64 bit)
 - .NET 4.5 or greater
- **Additional Details:**
 - Please see our System Sizing Guidelines and System Storage

SERVICES AVAILABLE

- Technical Support
- Installation and Setup
- Maintenance
- Application Support



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SECURE

Choose the level of security that's right for your organization. Built-in tools allow you to manage which users or groups can access data.

FLEXIBLE

Flexibility to be deployed in different system architectures – fully supports configurations from a single stand-alone system to a complex distributed system.

TECHNICAL SUPPORT

Canary Labs recognizes that every user may have questions or issues pertaining to our products from time to time. Through our CustomerCare program, our technical support department is ready to assist you and is committed to finding a solution to your problem in a timely manner.