

Canary Enterprise Historian HA

Always On, Always Available

Canary Enterprise Historian HA powered by Stratus systems are designed to maximize uptime for the most demanding applications. Each system integrates fully replicated hardware components that eliminate single points of failure and safeguard data integrity. The server automatically manages its replicated components, executing all processing in lockstep. Replicated components perform the same instructions at the same time, there is zero interruption in processing, zero loss of performance, and zero loss of data integrity even if a component fails.

Built-in proactive monitoring technology constantly reviews system and component activity at very discreet levels, to such a degree that it predicts and prevents causes of downtime, even transient errors. For all intents and purposes, the first level of product support is in the server itself. A component failure or outage is shielded from the Enterprise Historian and processing continues using the online back-up already operating in the server. No failover, downtime, data loss, or performance degradation.

The Automated Uptime Layer software works in concert with the lockstep technology to anticipate and prevent software errors. Unlike typical redundant servers or clusters, Canary Enterprise Historian HA hardware and software handle these errors transparently, shielding the operating system, middleware, and application software from harm. Even in-memory data is constantly protected and maintained. It's high-performance, high availability, without adding complexity to your infrastructure.

Yet even with all of this sophistication, Canary Enterprise Historian HA systems look and act as a single x86 server. They operate and are managed as a single server, running standard Windows and VMware operating systems. There is no need to modify other applications to run on a Canary Enterprise Historian HA server. Even better, there's no additional training required for your IT staff to manage one.

Key Features

- Round-the-clock uptime assurance for mission-critical Enterprise Historian applications
- Replicated, fault-tolerant hardware components process the same instructions at the same time.
- Superior uptime protection without the need for failover scripting, replicating data across servers, or any extra effort to make applications cluster-aware.