



Did You Know?

Proficy Historian:

Remote Collector Management

Introduction

Across the industrial environment, organizations are gaining business value from centralized data collection from remote sites and assets. As examples:

- Water & Wastewater utilities collecting data from multiple treatment plants and lift stations
- Manufacturers with distributed plants and centralized data collection
- OEMs collecting data from remote assets
- Oil & Gas pipeline owners collecting data from compressor stations and terminals

However, keeping data flowing reliably can be an expensive proposition. IT/OT teams own the responsibility of keeping the infrastructure running to ensure the data is available from the OT data sources through the collector application and server, and across the network to the Historian server. Breaks anywhere along this chain can be costly to troubleshoot and resolve.

When data collection issues arise at remote sites (and problems will happen), resolution to those issues often require human intervention at the remote site to resolve the problem. Access to the remote site may present challenges (distance, physical access), and local staff may not have the necessary skills to resolve issues. All of these compounding complications can drive up the cost in terms of time, potential data loss, and

Fortunately, Proficy Historian offers Remote Collector Management capabilities, which enable authorized personnel to perform a range of remote troubleshooting and maintenance functions from the central server, which reduces downtime and costs.

Remote Collector Management Capabilities

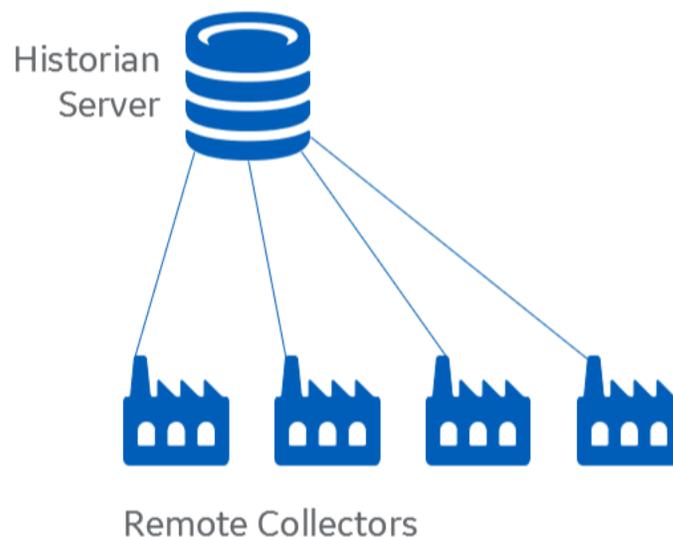
With Remote Collector Management, anyone with appropriate authorization and access to administrative tools at the central Historian server can start and stop a collector, pause and restart data collection, and even point the collector to a different server.

By providing these capabilities to administrators, this remote management capability dramatically reduces the time and effort to restore data collection from remote servers.

Proficy Historian Remote Collector Management provides the secure-by-design ability to:

- Start Collector
- Stop Collector
- Restart Collector
- Delete buffer files
- Move buffer files
- Configure new Collector Instance
- Deploy new Collector configuration
- Change configuration
- Report Collector version
- Point collector to a new server
- Change debug mode

These functions are available from the Historian Archive Server. They are controlled through REST calls only in Version 8.1. A UX is planned for Version 9.0.





About GE

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