TRANSFER DATA FROM GEO SCADA TO FUSION FOR SCALING ENTERPRISE ADVANCED ANALYTICS

READY TO UNLOCK YOUR POTENTIAL?

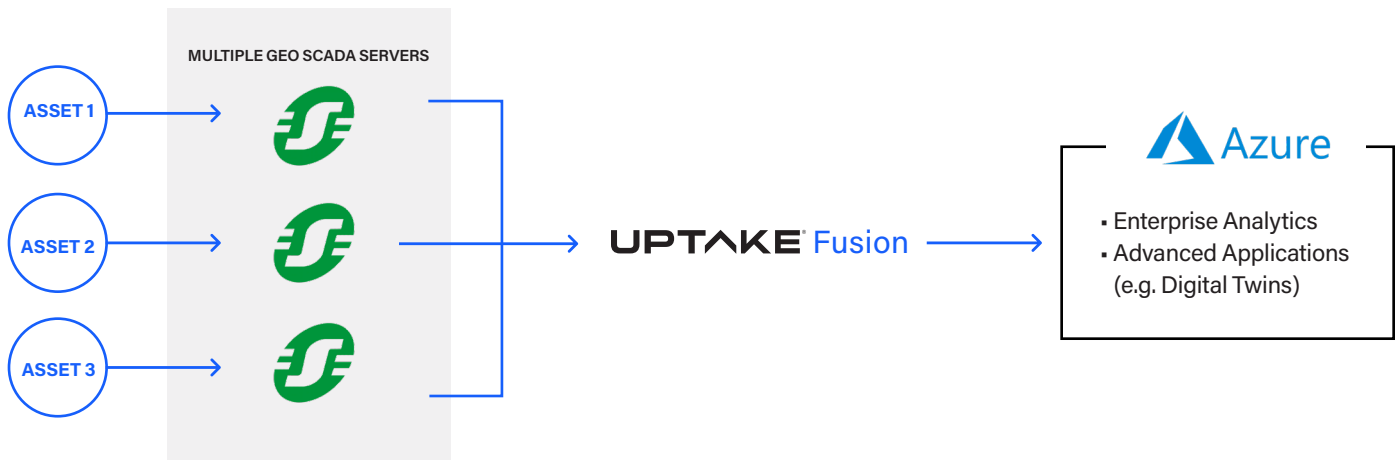**uptakefusion.com**

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Industrial operations rely on process historians for data access needed for analysis and reporting. However, the process historian only captures a small percentage (10 to 20%) of the data that a Geo SCADA (or ClearSCADA) system had. There are multiple reasons, including licenses per tag, hardware limitations, limited functionality, and performance issues. There is a better solution.

With Uptake Fusion Connector for Geo SCADA, your industrial data (historical, instantaneous, metadata) streams or transfers from the edge to Azure cloud. It then integrates with other applications including advanced analytics. No separate charges for tag, connection, and users. Your users can focus on solving problems rather than learning a new IT/OT tool.

Fusion enables you to organize data in a way that is familiar to users. It uses the same setup as tools you use with Geo SCADA like ViewX. Modifications to hierarchy and tag configuration such as scan rate changes are immediately reflected in Fusion and Azure. No need to change configuration on a separate historian and/or at the interface level.

Fusion offers the same data granularity as Geo SCADA. While traditional OPC DA interfaces only capture the latest value, any value in between scan intervals can get lost. OPC HDA interfaces provide access to historical data but often not to the metadata underneath. Our Fusion connector handles all instantaneous, historical and metadata from Geo SCADA systems.

Snapshot, Archive, asset hierarchies.

FUSION CONNECTOR FOR GEO SCADA FEATURES:

- Fast deployment for quick industrial data availability in Azure including both historical data from the Geo SCADA local storage, and real-time data scanning.
- Outbound-only, secure connection protects the Geo SCADA system.
- Native Geo SCADA driver to intelligently manage the load and minimize the impact on Geo SCADA system performance.
- Any tag configuration or meta-data configuration changes are automatically detected.
- Based on data ingress rather than the number of tags or subscribers using the data.
- Leverages native Azure Cloud components — these are highly scalable and proven with Geo SCADA systems.
- Easily connects to Azure Time Series Insights or Power BI for data visualization.
- Open API to allow connectivity by other Business Intelligence and Analytics applications.
- Secured open data format for advanced analytics (ML/AI) applications.
- Support SaaS managed modes.
- Allow clients to aggregate Geo SCADA data with other operational technology data.
- Conduit for Geo SCADA data to data consumers, including other cloud platforms.
- Import the Geo SCADA Expert Database structure models into Fusion, and allow the configuration of additional and co-existing data hierarchical models using data from Geo SCADA and other sources.
- Translate and organize data to support a variety of applications.

INSTALLATION: THREE EASY STEPS

Install Fusion Connector for Geo SCADA in three easy steps:

1. Connect multiple Geo SCADA systems to an on-site virtual machine
2. Deploy Microsoft Azure Resources as destination for asset data
3. Configure and establish connection between machine and cloud

ACCELERATE INDUSTRIAL INTELLIGENCE

Geo SCADA data stored on Microsoft Azure ensures security and maintains data integrity—all at the lowest cost of ownership. It's the first native cloud data historian for analytics and serves as the single source for data. As such, it's easy to collaborate with teams on use cases. Or, you can make your data available for consumers to arrive at faster, more accurate business decisions, including:

- Partners as a Service
- Digital Twins
- Operational Orchestration
- Advanced Analytics
- Operational Intelligence

As a Geo SCADA user, the next step is easy. Get the Fusion Connector for Geo SCADA.

To learn more about Fusion Connector for Geo SCADA, contact fusion@uptake.com | 780.862.9699