

WATERFALL FOR GEO SCADA EXPERT

SECURE ACCESS TO GEO SCADA EXPERT SERVERS

Industrial enterprises frequently need enterprise-wide access to process data via Schneider Electric's EcoStruxure Geo SCADA Expert[®] (formerly SCADA Expert ClearSCADA[®]) for trending, analysis, optimization, and reporting tools. Connecting enterprise networks to industrial Geo SCADA Expert sources through firewalls, however, is high risk. All connections through firewalls that permit data to leave an industrial system also permit attacks to enter that system.

The Waterfall for Geo SCADA Expert Connector enables businesses to leverage industrial control system data throughout their enterprises. The connector enables safe IT/OT integration while maximizing access to Geo SCADA Expert features, capabilities and applications. By deploying the Waterfall for Geo SCADA Expert Connector, businesses eliminate the risk of remote cyberattacks entering their industrial control systems, while enabling seamless access to critical operational data for improved efficiencies.

Waterfall for Geo SCADA Expert connectors are simple to install, with user-friendly configuration and monitoring tools. Comprehensive diagnostics include real-time alarms that alert the user of fault conditions via Syslog, Windows logs, email, SNMP traps, log files and Waterfall's monitoring console.

BENEFITS OF USING WATERFALL FOR GEO SCADA EXPERT



Secure replication of Geo SCADA Expert Servers



Simple deployment – the connector runs entirely in the Unidirectional Gateway with a simple web user interface



Eliminates remote control cyberattacks and online malware propagation



Facilitates compliance with NERC CIP, NIST 800-82, ANSSI, IEC 62443 and more



Maximum utilization of all Geo SCADA Expert features



Power



Pipelines



Rail



Water



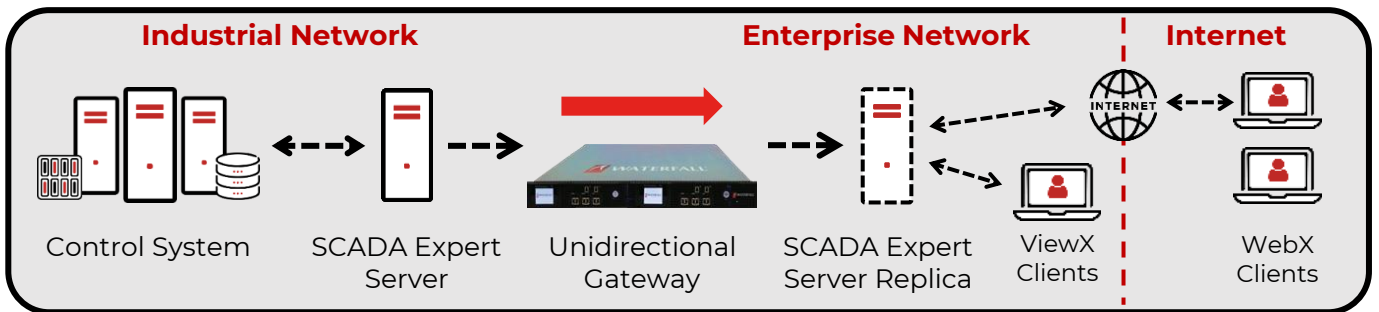
Facilities



Manufacturing

FULLY- FEATURED & ROBUST SUPPORT:

- » Real-time replication of tags, objects, properties, events, values, and alerts
- » Support for all Geo SCADA Expert data types
- » Automatic propagation of tag/object structure changes: addition, deletion or property changes
- » Complete SCADA database synchronization
- » 1-10 Gbps throughput standard & high availability options
- » Geo SCADA Expert Backfill capabilities for data retransmission
- » Fully transparent to Geo SCADA Expert WebX and ViewX users



SOLUTION SUITE FOR GEO SCADA EXPERT

GEO SCADA EXPERT CONFIG & DATA

Replicates operational Geo SCADA Expert configuration and data organization.

Users interact normally and bi-directionally with replica servers, keeping industrial networks safe from remote cyber attacks.

GEO SCADA EXPERT BACKFILL

Retransmits Geo SCADA Expert System data to replica servers on the IT network to address data gaps.

The Backfill function identifies existing data so that duplicate data does not appear in replica servers.

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ABOUT WATERFALL

Waterfall Security Solutions' unbreachable OT cybersecurity technologies keep the world running. For more than 15 years, the most important industries and infrastructure have trusted Waterfall to guarantee safe, secure, and reliable operations. The company's growing list of global customers includes national infrastructures, power plants, nuclear generators, onshore and offshore oil and gas facilities, refineries, manufacturing plants, utility companies, and more. Waterfall's patented Unidirectional Gateways and other solutions combine the benefits of impenetrable hardware with unlimited software-based connectivity, enabling 100% safe visibility into industrial operations and automation systems.

Waterfall's products are covered by U.S. Patents 7,649,452, 8,223,205, and by other pending patent applications in the US and other countries. "Waterfall", the Waterfall Logo, "Stronger than Firewalls", "In Logs We Trust", "Unidirectional CloudConnect", and "CloudConnect, and "One Way to Connect" are trademarks of Waterfall Security Solutions Ltd. All other trademarks mentioned above are the property of their respective owners. Waterfall Security reserves the right to change the content at any time without notice. Waterfall Security makes no commitment to update content and assumes no responsibility for any mistakes in this document. Copyright © 2023, Waterfall Security Solutions Ltd. All Rights Reserved. www.waterfall-security.com