

WATERFALL FOR YOKOGAWA

SECURE PROCESS DATA REPLICATION

Waterfall Security is a trusted partner of Yokogawa, securing the IT/OT connection in Yokogawa OPC deployments for many mutual customers worldwide. The Exaquantum data historian is one of the most comprehensive Plant Information Management Systems (PIMS) available for process industries. Exaquantum can acquire data from all facets of a process and transform that data into easily usable, high-value, widely distributed information.

Waterfall for Yokogawa is part of the Waterfall Unidirectional Security Gateway family of solutions, providing safe enterprise visibility into operations, with disciplined control. By deploying Waterfall for Yokogawa, businesses achieve safe IT/OT integration, eliminating the risk of remote cyberattacks entering their industrial control systems, while enabling seamless access to critical operational data for improved efficiencies.

YOKOGAWA 
Co-innovating tomorrow™

BENEFITS OF WATERFALL FOR YOKOGAWA



Safe, secure, replication of OPC-DA servers to enterprise networks



Fully transparent to Yokogawa OPC system users



Elimination of remote control cyberattacks and online malware propagation



Facilitates and simplifies compliance with NERC CIP, NIST, CFATS, ANSSI, UK DfT



Simple deployment, off-the-shelf solution



Rails



Oil & Gas



Manufacturing



Water

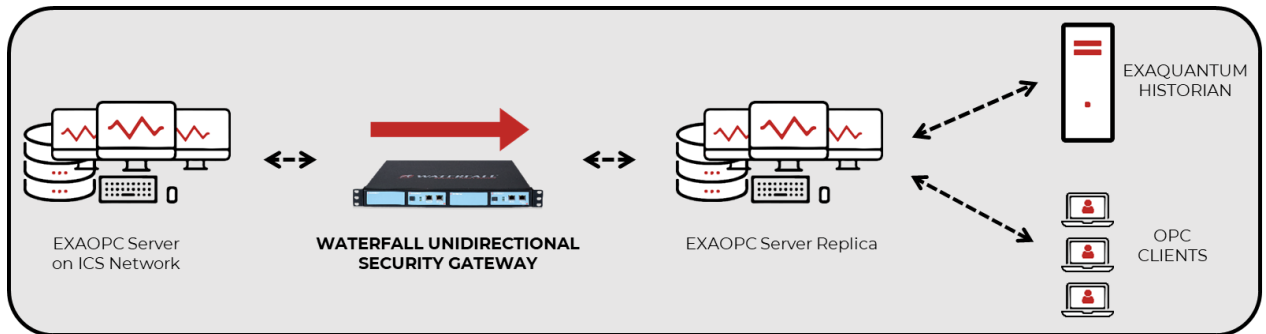


Power



Pharma

WATERFALL FOR YOKOGAWA



The Waterfall for Yokogawa/OPC Connectors are simple to install, with user-friendly, web-based configuration and monitoring tools. Comprehensive diagnostics include real-time alarms that alert users of fault conditions via Syslog, Windows logs, email, SNMP traps, log files and Waterfall's monitoring console.

Waterfall for Yokogawa replicates OPC-DA servers in real-time from industrial networks to enterprise networks, without the risks that always accompany firewalls. Users interact normally and bi-directionally with replica servers, keeping industrial networks safe from remote cyber attacks. The Waterfall Unidirectional Gateway hardware deployed between the two networks makes it physically impossible for any attacks to flow from the corporate network into the industrial network, eliminating any threats of online remote attacks, malware or human errors.

FULLY- FEATURED & ROBUST SUPPORT:

- » Faithful real-time replication of Yokogawa OPC-DA and OPC-UA
- » Automatic discovery of new Yokogawa OPC-DA tags in ICS servers and automatic real-time propagation of those tags to the replicas
- » Supports an unlimited number of OPC-DA tags
- » 1 Gbps throughput standard
- » High availability options

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ABOUT WATERFALL SECURITY SOLUTIONS

Waterfall Security Solutions is the global leader in industrial cybersecurity technology. The company's expanding portfolio of customers includes national infrastructures, power plants, nuclear plants, offshore oil and gas facilities, rail transport, refineries, manufacturing plants, utility companies, and many more. Deployed throughout North America, Europe, the Middle East and Asia, Waterfall products support the widest range of leading industrial remote monitoring platforms, applications, databases and protocols in the market. Please contact: info@waterfall-security.com

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