

WATERFALL FOR PANORAMA

SECURE REPLICATION OF PANORAMA SYSTEMS

SCADA enterprise operators need real-time information from the Panorama Industrial SCADA solution. Connecting enterprise networks to industrial Panorama sources through a firewall, however, is high risk. All connections through firewalls that permit data to leave an industrial system also permit attacks to enter that system.

Waterfall's solution for the Panorama suite comprehensively addresses the needs of industrial enterprises to achieve safe integration of operational technology (OT) and information technology (IT) networks, while maximizing access to Panorama data sets. By deploying Waterfall for Panorama, businesses eliminate the risk of remote cyberattacks entering their industrial control systems while enabling seamless access to critical operational data for improved efficiencies.

The Waterfall for Panorama Solution is 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.

BENEFITS OF USING WATERFALL FOR PANORAMA



Secure, accurate replication of the Panorama Suite



Elimination of remote control cyberattacks and online malware propagation



Facilitating compliance with NERC CIP, NIST, CFATS, ANSSI, UK DfT and more



Maximum utilization of all Panorama features



Simple deployment, off-the-shelf solution



Rails



Oil & Gas



Manufacturing



Water



Power



Facilities

WATERFALL FOR PANORAMA

Waterfall for Panorama replicates operational Panorama suite configuration and data organization. The replica Panorama server is maintained as a faithful, real-time replica of the original server on the industrial network. Users interact normally and bi-directionally with replica servers and work with the server replica as if it were the original industrial server, keeping industrial networks safe from remote cyberattacks.

Unidirectional server replication improves not only security, but performance as well - users can issue complex or costly queries against the replica database without fear of slowing down or impairing the operation of critical systems on the industrial control network. Waterfall for Panorama provides enterprise-wide access to industrial data without the need to provide access to industrial servers and networks, securing the safety and reliability of the protected network with hardware-enforced measures. Unidirectional gateway hardware makes it physically impossible for attacks to flow from the corporate network towards the industrial network, eliminating any threats of online errors, malware or cyber attacks, no matter how sophisticated those attacks may be.

FULLY- FEATURED & ROBUST SUPPORT:

- » Replicates all components of the Panorama suite.
- » Sophisticated controls over file transfer sources, destinations, schedules and modes
- » Real-time replication of CODRA Panorama databases
- » Support for all CODRA Panorama data types
- » Fully transparent to CODRA Panorama users
- » 1Gbps throughput standard

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ABOUT WATERFALL SECURITY SOLUTIONS

Waterfall Security Solutions is the OT security company, producing a family of Unidirectional Gateway technologies and products that enable enterprise-wide visibility for operations, with disciplined control. Waterfall products represent an evolutionary alternative to firewalls. The company's growing list of customers includes national infrastructures, power plants, nuclear plants, off and on shore oil and gas facilities, 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. For more information, please contact info@waterfall-security.com

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