

# WATERFALL FOR IOSIGHT

## SECURE IOSIGHT SERVER REPLICATION FOR WATER AND ENERGY UTILITIES

Water and energy utilities need accurate access to IOSight data. Connecting the enterprise network to the Industrial network through a firewall is high risk. All firewall connections that allow data to leave an industrial system also permit attacks to enter that system.

The Waterfall for IOSight Connector enables water and energy facilities to leverage IOSight iGreen analytics and insights into site performance throughout their enterprises. The IOSight connector enables safe IT/OT integration while maximizing access to IOSight iGreen data, reports and capabilities. By deploying the Waterfall for IOSight Connector, facilities eliminate the risk of remote cyberattacks entering their industrial control systems, while enabling seamless access to critical operational data for improved efficiencies, facilitating cost savings and improved production.

The Waterfall for IOSight Connector 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 IOSIGHT



Secure, accurate replication of IOSight Servers



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 IOSight iGreen features



Simple deployment, off-the-shelf solution



Rails



Oil & Gas



Manufacturing



Water



Power



Chemicals

## WATERFALL FOR IOSIGHT

Waterfall for IOSight provides safe real-time access to IOSight iGreen data and capabilities for enterprise users and applications. Utility site managers can monitor and evaluate operational processes in real-time to meet business and operational needs.

The Waterfall IOSight Connector is configured as an IOSight client on both industrial and IT networks. The IOSight Connector software queries the IOSight database on an industrial network, sends data across the Unidirectional Gateway hardware to the enterprise network, and uses the data there to populate a replica IOSight database. Business users and applications requiring access to real-time industrial data use IOSight iGreen and other applications to access the replica database normally.

The replica IOSight database is maintained as a faithful, real-time replica of the original IOSight database on the industrial network. Enterprise users are able to issue complex or costly iGreen and other queries against the replica database without fear of slowing down or impairing the operation of critical systems on the industrial control network. Unidirectional server replication provides enterprise-wide access to industrial data without the need to allow direct access to industrial servers, securing the safety and reliability of the protected network.

# FULLY- FEATURED & ROBUST SUPPORT:

- » Real-time replication of IOSight databases
- » Full support for all IOSight data types
- » Fully transparent to IOSight iGreen and other applications
- » High-availability options
- » Preserves IOSight transactional integrity
- » Optional aggregation of several industrial databases into a single enterprise DB

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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](mailto:info@waterfall-security.com)

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