

# WATERFALL FOR SOLARWINDS ORION

## SAFE, CENTRAL INDUSTRIAL NETWORK MANAGEMENT

Central network monitoring and management is a mature discipline on enterprise IT networks but provides limited visibility into operations technology (OT) and industrial control system (ICS) networks. The biggest barriers to universal coverage are the serious security risks of connecting industrial networks to enterprise networks through firewalls.

Waterfall for SolarWinds Orion unidirectionally replicates Orion servers and their monitoring and management data from industrial networks to enterprise networks. SolarWinds users and applications have full access to native Orion visualization, reporting and analysis features. Unidirectional replication means that no online attacks, no matter how sophisticated, can penetrate back into a protected control system or SCADA network from Internet-connected IT networks.

Waterfall for SolarWinds Orion is simple to install, with user-friendly, web-based 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 SOLARWINDS ORION



Securely and unidirectionally replicates SolarWinds Orion servers



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



Eliminates remote attacks from enterprise networks and the Internet



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



Enterprise users have full access to native Orion visualization, reporting and analysis features



Power



Pipelines



Rail



Water

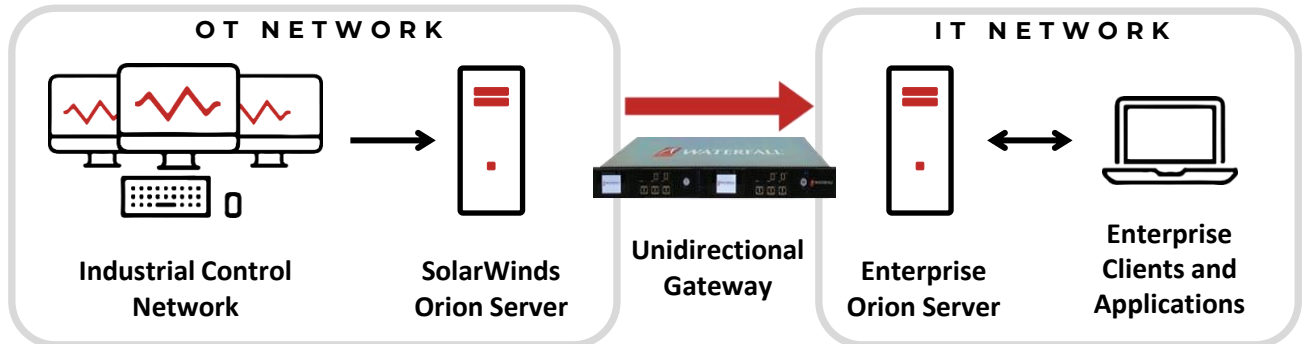


Facilities



Manufacturing

## WATERFALL FOR SOLARWINDS ORION



Waterfall for SolarWinds Orion is part of the Waterfall Unidirectional Security Gateway family of solutions. The Orion server replication software queries the Orion server on an industrial network for current data, sends that data across Unidirectional Gateway hardware to an enterprise network, and uses the data there to populate the enterprise Orion server. Enterprise users can use the visualization, monitoring and analysis capabilities of the enterprise server to access and manipulate OT data.

The Waterfall solution maintains the enterprise Orion server as a faithful, real-time replica of the OT Orion server. Unidirectional server replication provides access to industrial server and network status and performance information, without the need to provide access to OT networks themselves. Waterfall for SolarWinds Orion enables safe, reliable and secure central monitoring and management of OT networks.

### FULLY- FEATURED & ROBUST SUPPORT:

- » Fully transparent to SolarWinds Orion users
- » Faithful, real-time replication of SolarWinds Orion servers
- » 1-10 Gbps throughput standard & High Availability options
- » Supports an unlimited number of network devices
- » Built-in backfill capability

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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](http://www.waterfall-security.com)