

# WATERFALL FOR SOLARWINDS ORION

## SAFE, CENTRAL INDUSTRIAL NETWORK MANAGEMENT

Central network monitoring and management is a mature discipline on enterprise networks, but provides limited visibility into operations technology (OT) and industrial control system (ICS) networks, even though OT and ICS networks are among the most important networks in industrial enterprises. The biggest barriers to universal coverage for operations networks are the serious security risks of connecting industrial networks to enterprise networks. Such connections though, are essential to central network monitoring and management systems.

Waterfall for SolarWinds Orion unidirectionally emulates Orion servers 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.

## BENEFITS OF USING WATERFALL FOR SOLARWINDS ORION



Securely and unidirectionally replicates SolarWinds Orion servers



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



Eliminates all remote attacks and malware propagation from enterprise networks and the Internet



Facilitates and simplifies compliance with NERC CIP, NIST, ANSSI, IEC and other standards and regulations



Simple deployment, off-the-shelf solution



Rails



Oil & Gas



Manufacturing



Water

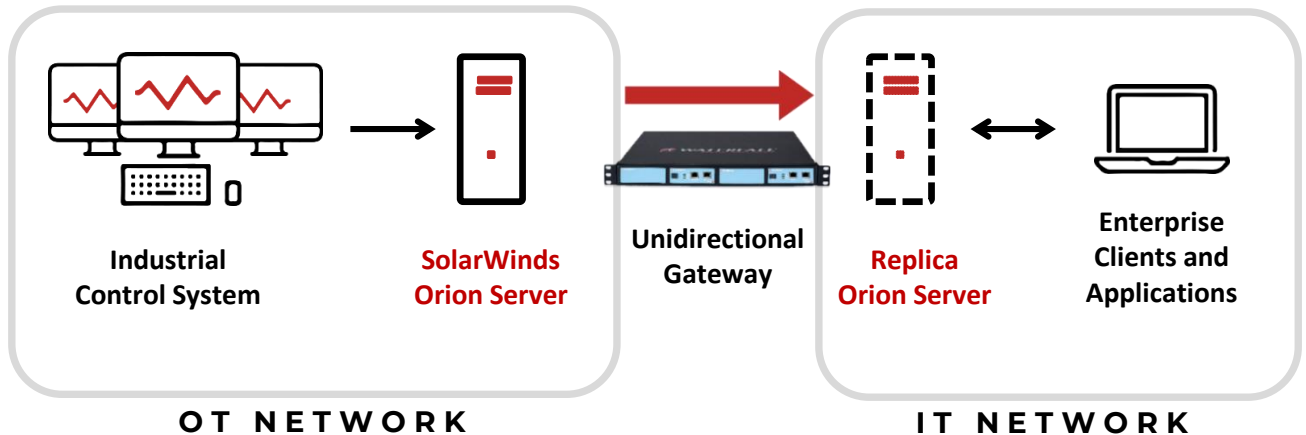


Power



Pharma

## 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 a replica SolarWinds Orion server. Enterprise users can use visualization, monitoring and analysis capabilities of the replica as if it were the live OT server.

The Waterfall solution maintains the replica 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:

- » Faithful, real-time emulation of SolarWinds Orion servers
- » Supports an unlimited number of network devices
- » Built-in backfill capability
- » 1Gbps throughput
- » 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](mailto:info@waterfall-security.com)

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