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
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

**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

Waterfall’s products are covered by U.S. Patents 7,649,452, 8,221,202, 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 this 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 © 2018 Waterfall Security Solutions Ltd. All Rights Reserved. www.waterfall-security.com