

WATERFALL FOR HP ARCSIGHT

SECURE REPLICATION OF HP ARCSIGHT DATA

Opening paths through industrial firewalls to allow data and alerts to pass through to Security and Information Event Managers (SIEMs) is problematic – all connections through firewalls introduce potential attack opportunities. Waterfall for HP ArcSight is based on Waterfall's Unidirectional Gateway technology, enabling visibility into networks without introducing connectivity risks.

Unidirectional Gateway software securely replicates HP ArcSight Enterprise Threat and Risk Management (ETRM) SIEM servers to business networks. Enterprise users access the replicas normally and bidirectionally without risk to the original OT network. The replica servers provide central SIEM systems with the data that they need to diagnose and respond to OT intrusions without the connectivity risk. Waterfall for HP ArcSight enables secure universal security information and event monitoring with safe IT/OT integration.

Waterfall's simple installation, configuration and monitoring tools make it easy for users. 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 HP ARCSIGHT



Secure replication of HP ArcSight alerts



Elimination of remote control cyberattacks and online malware propagation



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



Safe visibility into ICS networks and from central and cloud-based SOCs



Simple deployment, off-the-shelf solution



Rails



Oil & Gas



Manufacturing



Water



Power



Pharma

WATERFALL FOR HP ARCSIGHT

Waterfall addresses the need for making ArcSight SIEM visible on the business network, while guaranteeing the absolute security of the critical operational network. Waterfall's physical hardware-based isolation protects operational assets by eliminating any threat of cyber-attack, incoming malware or human errors originating from external networks back into the critical network. Waterfall for HP ArcSight gathers data from the HP ArcSight ETRM SIEM located in the Industrial network and HP ArcSight alert content and metadata are forwarded through Unidirectional Gateway hardware. On the external network, new alerts are formulated and sent to a central or cloud-based SIEM or SOC without risk to operations.

The Waterfall Unidirectional Gateway hardware deployed between IT and OT networks includes a TX Module containing a fiber-optic transmitter/laser, and an RX Module containing an optical receiver but no laser. The Gateway hardware makes it physically impossible for attacks to flow from the corporate network towards the industrial network, eliminating any threats of online attacks, malware or human errors.



FULLY- FEATURED & ROBUST SUPPORT:

- » Replicates HP ArcSight alerts and indexes in real-time
- » Enables secure, real time monitoring of critical assets across the organization
- » Optional aggregation of multiple industrial clients and sites into a single enterprise server
- » Standard 1Gbps connectivity
- » Fully transparent to ArcSight SIEM users
- » Waterfall for ArcSight tested and benched marked by HP

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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

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