

WATERFALL FOR SMTP

SECURE MAIL DISTRIBUTION

Conventional Simple Mail Transport Protocol (SMTP) client-server communication for electronic mail delivery uses bi-directional communications and so introduces network-attack risks to the source network. Waterfall for SMTP enables industrial networks to send electronic mail to enterprise networks and the Internet, without risk to safe and continuous operation of industrial networks. Waterfall for SMTP provides safe, unidirectional email delivery from a secure industrial network to enterprise networks and even the Internet.

The Waterfall for SMTP Software Connector enables businesses to leverage industrial control system data throughout their enterprises without exposing control systems to cyber risk. The connector enables safe IT/OT integration with seamless integration of email sources and destinations.

Waterfall for SMTP is simple to install, with user friendly 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 SMTP



Secure unidirectional electronic mail distribution from industrial sources to enterprise networks and the Internet



Complete control over electronic mail sources and destinations



Elimination of remote control cyberattacks and the propagation of malware into protected networks



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



Simple deployment, off-the-shelf solution



Rails



Oil & Gas



Manufacturing



Water



Power



Pharma

WATERFALL SOLUTION FOR SMTP

Waterfall for SMTP is part of the Waterfall Unidirectional Security Gateway family of products. Waterfall for SMTP is an SMTP-standard server on the source industrial network, and a standard SMTP client on the destination enterprise network. The Waterfall Unidirectional Gateway hardware forwards electronic mail messages to destinations configured in the destination enterprise network. No electronic mail message can be forwarded by industrial sources to unpredictable or malicious destinations.

Waterfall for SMTP secures the electronic mail transmission process against the possibility of propagating any cyber threats from the enterprise network back into the industrial network. Deployment of Waterfall for SMTP is straightforward – after installation, electronic mail senders on the industrial network, and receivers on the enterprise network, continue to operate normally and require no configuration changes.



FULLY- FEATURED & ROBUST SUPPORT:

- » Safe, real-time electronic mail delivery from protected industrial networks to enterprise and Internet destinations
- » Precise control over the destination of electronic mail messages
- » 1Gbps operation standard
- » Optional high availability configuration
- » Compatible with all SMTP-standard clients and servers, including Microsoft Exchange, and Linux email servers.

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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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