WATERFALL FOR NETFLOW

SECURE REPLICATION OF NETFLOW DATA

Visibility into the IP traffic flows provided by NetFlow Collectors on OT networks in industrial enterprises is critical for network performance and troubleshooting. Opening paths through industrial firewalls to NetFlow Collectors is problematic, however, as all connections through firewalls introduce potential attack opportunities. Waterfall for NetFlow is based on Waterfall's Unidirectional Gateway technology and enables visibility into networks without introducing connectivity risks.

Waterfall for NetFlow software securely replicates NetFlow collectors to external networks through Unidirectional Gateway hardware. Enterprise users access the replicas normally and bi-directionally without risk to the original OT network. Waterfall for NetFlow enables secure network traffic monitoring and analysis with safe IT/OT integration.

The Waterfall for NetFlow Connector is simple to install, with user-friendly, web-based configuration and monitoring tools. Comprehensive diagnostics include real-time alarms that alert users of fault conditions via Syslog, Windows logs, email, SNMP traps, log files and Waterfall's monitoring console.

BENEFITS OF USING WATERFALL FOR NETFLOW

Secure replication of NetFlow collectors

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

Eliminates remote control cyberattacks and online malware propagation

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

Enterprise users have full access to all NetFlow features

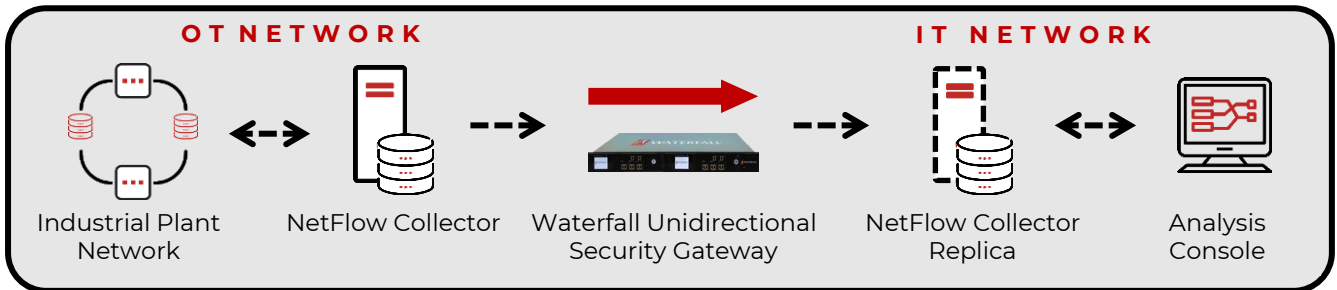Power   Pipelines   Rail   Water   Facilities   Manufacturing

WATERFALL FOR NETFLOW

Waterfall addresses the need for making NetFlow data visible on the business network, while guaranteeing the absolute security of the critical operational network. Waterfall's physical hardware-based technology 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 NetFlow replicates flow Collectors in operational networks, by transmitting flow statistics through the Unidirectional Gateway, to NetFlow Collectors and Analysis Consoles in external enterprise or cloud-based network operations centers (NOCs).

The Waterfall solution maintains replica NetFlow Collectors as a faithful, real-time replicas of the protected network's NetFlow Collectors. 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 NetFlow enables safe, reliable and secure central monitoring and management of OT networks.

OT NETWORK — **IT NETWORK**

Industrial Plant Network · NetFlow Collector · Waterfall Unidirectional Security Gateway · NetFlow Collector Replica · Analysis Console

FULLY-FEATURED & ROBUST SUPPORT:

» Replicates an unlimited number of managed devices

» Enables secure, real-time monitoring of critical assets across the organization

» Fully transparent to NetFlow Analysis Console users

» Optional aggregation of multiple industrial NetFlow exporters and collectors to a single collector on the enterprise network

» 1-10 Gbps standard throughput

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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.