waterfall

WATERFALL FOR ANTIVIRUS UPDATER

SECURE TRANSFER OF ANTIVIRUS UPDATES

The Waterfall for Antivirus Updater connector enables safe antivirus updates for critical systems in operational technology (OT) networks. Opening paths through IT/OT firewalls to allow deployment of antivirus updates is high risk, as all connections through firewalls introduce potential attack opportunities.

The Waterfall for Antivirus Updater connector is based on Waterfall's Unidirectional Gateway technology. The Updater connector enables safe IT/OT integration and seamless integration with Antivirus servers. By deploying the Waterfall for Antivirus Updater, businesses eliminate the risk of cyber attacks entering operations networks.

The Waterfall for Antivirus Updater connectors 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 ANTIVIRUS UPDATER

Hardware-enforced unidirectional transfer of antivirus updates into operations networks

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

Not physically able to transmit any remote attacks or malware propagation from external networks into protected networks

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

Seamless integration dramatically reduces need for removable media

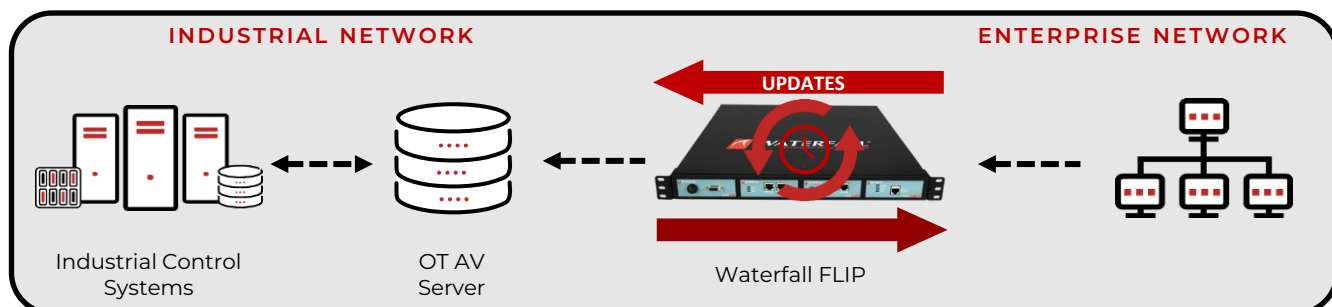Power   Oil & Gas   Rail   Facilities   Water   Manufacturing   Government

WATERFALL FOR ANTIVIRUS UPDATER

INDUSTRIAL NETWORK | **ENTERPRISE NETWORK**

UPDATES

Industrial Control Systems — OT AV Server — Waterfall FLIP

Waterfall for Antivirus Updater enables seamless antivirus signature updates for operations networks, without the risk of remote command and control, malware, and other attacks on those networks that always accompany firewalled installations. The Antivirus updater supports all major antivirus vendors including Trend Micro, Norton, OPSWAT, FortiGate, Check Point, and McAffee.

On an enterprise network, the Waterfall software is a client of the vendor's antivirus repository, and fetches update files regularly. On the industrial network, the Waterfall software receives the replicated updates through the unidirectional fiber-optic link and then pushes the updates to the industrial antivirus server for OT distribution. A Waterfall FLIP is deployed most commonly between enterprise and OT networks. This hardware blocks even the most sophisticated command-and-control connections and remote-control attacks. Waterfall addresses the need to remotely automate the management of antivirus updates, while providing strong protection to OT networks.

FULLY-FEATURED & ROBUST SUPPORT:

» Supports most major antivirus vendors

» Supports Waterfall Unidirectional Gateway and FLIP hardware

» Validates updates prior to entering operations networks

» Minimal changes required to existing infrastructure

» Standard 1-10Gbps throughput with high-availability options

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.