WF-600

» A new revolution in unbreachable OT security

Waterfall's flagship WF-600 Unidirectional Security Gateway provides unbreachable protection for OT / industrial control system networks.

The WF-600 gateway provides OT network perimeter protection with a hardware enforced, physical barrier preventing remote attacks, malware, DOS attacks, ransomware and human errors from entering the protected network.

WF-600 hardware supports a rich, feature-full connector library that has been proven at thousands of sites and is able to support unlimited enterprise visibility for OT data.

All-in-one-platform
Proprietary hardware combined with Waterfall OS, jointly designed to offer an optimized all-in-one-platform for native connector operation
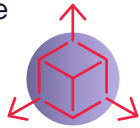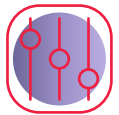
Extreme performance
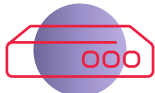1Gbps to 10Gbps throughput, with multiple configurations for any network need

Simple web-based user interface
Simple and powerful web-based user interface for ease of configuration, management and troubleshooting
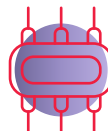
Proven reliability
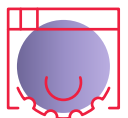Standard High Availability (HA) option provides no single point of failure

Safe IT/OT integration
Stronger than firewalls at IT/OT criticality boundary

Cloud connectivity
Enable the latest in automation innovations without opening operations to the scourge of ransomware

Waterfall: trusted by the world's most secure sites since 2007

Power   Oil & Gas   Rail   Facilities   Water   Manufacturing   Government

waterfall | WF-600

Unbreachable Protection
from remote cyber threats

Theory Of Operation

WF-600 Unidirectional Security Gateways provide an unbreachable physical barrier to online attacks targeting OT networks. The gateway hardware transmits information from industrial and control networks to external networks but is physically incapable of propagating any online cyber attack back into the protected network.

Unidirectional Gateway software connectors replicate servers and emulate devices, enabling enterprise users and applications to continue accessing OT data bidirectionally from the replica servers – all data that is allowed to be shared with the enterprise is available in the replicas.

1 Connect **2 Protect** **3 Replicate**

Unidirectional Security Gateway

Control Systems   Industrial Servers   Replica Servers   User Stations

Industrial Network   **Corporate Network**

Technical Specifications

Dimensions: 45.4cm x 4.4cm x 69.5cm

Power: 100-240V AC, 50-60Hz, IEC C14 socket (male)

Weight: 14.6 kg

Temperature: Operating: +32° +104° F / 0° +40° C | Storage: -40° +158° F / -40° +70° C

MTBF (Mean Time Between Failures): 120,000 hours

MTBCF (Mean Time Between Critical Failures): 239,000 hours

Certification & Compliance

EMC: EN 55032, EN 61000-3-2, EN 61000-3-3, EN 55035, VCCI-CISPR 32, FCC 47CFR Part 15, ICES-003

Safety: EN/IEC/UL 62368-1, J62368-1, AS/NZS 62368.1, CSA-C22.2 NO. 62368-1-19

Environmental: ETSI EN 300 019-2-2, ETSI EN 300 019-2-3

Constant Innovation
Revolutionizing OT protection
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