

WF-600

A NEW REVOLUTION IN UNBREACHABLE OT SECURITY

The Waterfall's WF-600 product line is a revolutionary advancement of Waterfall's globally trusted Unidirectional Security Gateways. WF-600 gateways provide unbreachable protection and unlimited connectivity for OT / industrial control system networks. The WF-600 features self-contained operations – no software on external / industrial computers and all gateway software managed by a simple, powerful web-based user interface. The product supports 1Gbps and 10Gbps throughput options, standard high availability options, and a broad and rich connector library that enables unlimited enterprise-wide OT data visibility. Waterfall's Unidirectional Gateways protect OT networks with a hardware enforced, physical barrier that prevents remote attacks, malware, DOS attacks, ransomware and human errors from breaching the protected network.

UNBREACHABLE PHYSICAL BARRIER

Hardware impervious to network attacks

SAFE IT/OT INTEGRATION

Stronger than firewalls at IT/OT criticality boundary

ALL-IN-ONE-PLATFORM

Proprietary hardware combined with Waterfall OS, jointly designed to offer an optimized all-in-one-platform for native connector operation.

SIMPLE WEB-BASED USER INTERFACE

Simple and powerful web-based user interface for ease of configuration, management & troubleshooting

EXTREME PERFORMANCE

1-10 Gbps throughput, with multiple configurations for any network need

PROVEN RELIABILITY

Standard High Availability (HA) option provides no single point of failure

UNLIMITED VISIBILITY

Proven connector library – hundreds of connectors provide visibility into thousands of kinds of industrial systems

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



Water



Rails



Manufacturing



Facilities

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.



TECHNICAL SPECIFICATIONS

Dimensions:	45.4 x 4.38 x 68.9 cm, 1U standard rackmount
Weight:	14.6 kg
AC Input power:	100-240V, 50-60 Hz
Power supply:	300 W/side
Storage temp. limits	-40 - 70 °C
Operating temp. limits	0 - 35 °C

CERTIFICATIONS AND STANDARDS

- Safety:** EN/IEC/UL 62368-1 compliant
- EMC:** EN/ 55032, EN 55035, EN6100-3-2,3-3, & FCC Part 15 Subpart B compliant
- Cyber:** IEC 62443 and NERC CIP

CONSTANT INNOVATION

REVOLUTIONIZING OT PROTECTION



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Stronger Than Firewalls