Waterfall for Intrusion Detection Systems (IDS) enables enterprise networks to monitor operations technology (OT) and industrial control system (ICS) networks without risk to the protected networks. Waterfall for IDS is a hardware-enforced, physical barrier that prevents remote attacks, malware, DOS attacks, ransomware and human errors originating on external networks from compromising or impairing industrial operations through intrusion monitoring connectivity.

100% protection from remote cyber threats

**SAFE INTRUSION DETECTION**
Safe port mirroring from OT to IT, without introducing Internet-based cyber threats to monitored networks

**HOST-LESS CONFIGURATION**
Provides statistics, heartbeat monitoring, traffic monitoring and visibility into IT networks through gate array logic, all without introducing host computers on either IT or OT networks

**SEAMLESS INTEGRATION WITH CENTRAL OPS**
Supports stand-alone operations and integration with industry-leading SIEM/SOC solutions

**EASY MANAGEMENT OF IDS SENSORS**
Network sensors can be deployed on IT networks for easy management, without risk to monitored OT networks

Protecting industrial sites since 2007

- Rails
- Oil & Gas
- Power
- Manufacturing
- Water
- Pharma
Waterfall for IDS replicates traffic captures from OT mirror and SPAN ports, to network IDS sensors on IT networks. Waterfall for IDS deploys transparently between mirror ports and sensors, without the vulnerabilities that always accompany direct connections of IT equipment to OT networks.

Waterfall for IDS is a hardware product based on Waterfall's industry-leading Unidirectional Security Gateway technology. Waterfall for IDS hardware is physically able to transmit information in only one direction, from the OT switch to the IT sensor and is physically incapable of propagating any virus, DOS attack, human error or remote-control attack back into the protected OT network.

Sites can deploy OT network intrusion sensors on IT networks where the sensors are easily managed and updated by central SOC analysts, without introducing new hosts on the IT and OT network. With Waterfall for IDS in place, industrial enterprises can confidently deploy Intrusion Detection monitoring without risk to industrial operations.

**About Waterfall Security**
Waterfall Security Solutions is the global leader in industrial cybersecurity technology. Waterfall products, based on innovative Unidirectional Security Gateway technology, represent an evolutionary alternative to firewalls. The company’s expanding array of customers includes national infrastructures, power plants, rail, nuclear plants, onshore and offshore oil and gas facilities, 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. For more information, visit www.waterfall-security.com

Waterfall’s products are covered by U.S. Patents 8,223,205, 7,649,652, and by other pending patent applications in the US and other countries. “Waterfall”, the Waterfall Logo, “Stronger Than Firewalls”, “In Logs We Trust”, “Unidirectional CloudConnect”, and “CloudConnect”, and “One Way to Connect” are trademarks of Waterfall Security Solutions Ltd. All other trademarks mentioned above are the property of their respective owners. Waterfall Security reserves the right to change the content at any time without notice. Waterfall Security makes no commitment to update content and assumes no responsibility for any mistakes in this document. Copyright © 2018 Waterfall Security Solutions Ltd. All Rights Reserved.