

WATERFALL FOR TCP

POWERFUL, FLEXIBLE & SECURE TCP CLIENT AND SERVER REPLICATION

The Waterfall for TCP Software Connector enables businesses to leverage industrial control system data throughout their enterprises. The connector enables safe IT/OT integration with seamless integration with TCP sources and destinations. By deploying the Waterfall for TCP Connector, businesses eliminate the risk of remote cyberattacks entering their industrial control systems, while enabling seamless access to critical operational data for improved efficiencies.

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

BENEFITS OF USING WATERFALL FOR TCP



Secure, unidirectional TCP server and client replication



Supports server and client modes on each side of the gateway



Elimination of remote control cyberattacks and online malware propagation



Facilitating compliance with NERC CIP, NIST, CFATS, ANSSI, UK DfT and more



Simple deployment, off-the-shelf solution



Rails



Oil & Gas



Manufacturing



Water



Power



Pharma

WATERFALL SOLUTION FOR TCP

Waterfall for TCP is part of the Waterfall Unidirectional Security Gateway family of products. The TCP Client/Server replication software replicates in real-time a TCP Client or Server on the Industrial network, sends data across the Unidirectional Gateway hardware to populate a replica TCP Server or Client on the enterprise network.

The TCP Client/Server real-time replication secures the data transmission process against the possibility of propagating any cyber threats from the enterprise network back into the industrial network. Users on the enterprise network continue to operate as if nothing has changed, and TCP Client/Server transmission continues securely through the replicas without fear of slowing down or impairing the operation of critical systems on the industrial control network. TCP communication replication provides enterprise-wide seamless and secure integration between IT/OT networks, securing the safety and reliability of the protected network with hardware-enforced technology.



FULLY- FEATURED AND ROBUST SUPPORT:

- » Reliable, low-latency TCP client and server replication to external networks
- » All TCP connections terminate in the Unidirectional Gateway solution - no packets or traffic are forwarded between networks
- » Sophisticated controls over source and destination network TCP connectivity, encryption and content
- » Full visibility of industrial systems

INFO@WATERFALL-SECURITY.COM

WWW.WATERFALL-SECURITY.COM

ABOUT WATERFALL SECURITY SOLUTIONS

Waterfall Security Solutions is the global leader in industrial cybersecurity technology. The company's expanding portfolio of customers includes national infrastructures, power plants, nuclear plants, offshore oil and gas facilities, rail transport, 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. Please contact: info@waterfall-security.com

Waterfall's products are covered by U.S. Patents 7,649,452, 8,223,205, 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. www.waterfall-security.com