

WATERFALL FOR SFTP

ABSOLUTE PROTECTION FOR SSH FTP CLIENT AND SERVER COMMUNICATION

Industrial enterprises frequently rely on SFTP communications to monitor operational data. However data monitoring from external networks introduces unacceptable risk to control system networks.

The Waterfall for SFTP Software Connector enables businesses to leverage industrial control system data throughout their enterprises without exposing control systems to cyber risk. The connector enables safe IT/OT integration with seamless integration with SFTP sources and destinations. By deploying the Waterfall for SFTP Connector, businesses eliminate the risk of remote cyberattacks entering their industrial control systems, while enabling seamless access to real-time critical operational data for improved efficiencies.

Waterfall for SFTP 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 SFTP



Secure, unidirectional SFTP server and client replication



Real-time file transfer from unlimited folders and tree depth, supporting all file types, sizes and attributes



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 SFTP

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

The SFTP 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 SFTP Client/Server transmission continues securely through the replicas without risk of slowing down or impairing the operation of critical systems on the industrial control network. SFTP 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, comprehensive SFTP client and server replication
- » Supports server-to-client and client-to-server topologies
- » SFTP connection can be authenticated using both Private and Public keys
- » Sophisticated controls over SFTP source and destination: filtering options, configurable activity schedule, transfer mode and type
- » Compatibility with Microsoft, Linux, and Unix SFTP clients and servers

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