

WATERFALL FOR LOCAL FOLDER

ABSOLUTE PROTECTION FOR LOCAL FOLDER FILE TRANSFERS

Industrial enterprises rely on routine file transfers from OT to IT networks. Many sites routinely transfer logs, custom reports, debugging information and configuration backups to IT networks. However, such transfers through firewalls introduce unacceptable risk to OT control system networks.

The Waterfall for Local Folder connector enables businesses to safely leverage operations data throughout their enterprises without the risk that always accompanies firewalled connections. By deploying Waterfall Unidirectional Gateway technology with local folder connectors, enabling seamless access to critical operations data for improved efficiencies, with no risk that attacks can return into OT networks through the Unidirectional Gateway. In addition, convenient unidirectional file transfers from OT to IT networks dramatically reduce the need for removable media and reduce the serious risks associated with such media use.

Waterfall local folder connectors are 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 FILE TRANSFER



Secure, real-time unidirectional file transfers to enterprise networks



Simple deployment – connector runs entirely in the Unidirectional Gateway with simple web user interface



Facilitates compliance with NERC CIP, NIST 800-82, ANSSI, IEC 62443 and more



Unlimited sources and folder tree depths, supporting all file types and sizes



Dramatically reduces need for removable media



Power



Pipelines



Rail



Water



Facilities



Manufacturing

WATERFALL FOR LOCAL FOLDER FILE TRANSFER



Waterfall for local folder connectors enable safe file transfers from industrial to enterprise networks, securing operations against cyber threats from enterprise networks. Waterfall local folder software connectors act as file servers on both the industrial and enterprise networks. Users drop files into folders on the industrial side of the gateway and drag files out of folders on the enterprise side. Waterfall's sophisticated file filtering ensures that only approved file types with set characteristics are made available on enterprise networks. A configurable operations archive can save copies of all transferred files for a pre-determined period of time.

The unidirectional local folder file transfer process is transparent to users on enterprise networks. Waterfall local folder connectors enable files to be transferred manually or automatically and distributed throughout IT network destinations as needed. Waterfall's Unidirectional Gateway technology coupled with local folder connectors provide seamless and safe IT/OT integration, protecting safe and reliable physical operations with patented, hardware-enforced unidirectional technologies.

FULLY- FEATURED & ROBUST SUPPORT

- » Available with the WF-500
- » Safe, reliable and comprehensive file transfer support
- » Support for file tree mirroring and individual file transfers
- » Filters: file size, file names, file types & regular expressions
- » 1 Gbps standard throughput & high availability options
- » Sophisticated controls over file transfer sources, destinations, schedules and modes
- » Compatible with Windows, Linux and Unix clients & servers

INFO@WATERFALL-SECURITY.COM

WWW.WATERFALL-SECURITY.COM

ABOUT WATERFALL

Waterfall Security Solutions' unbreachable OT cybersecurity technologies keep the world running. For more than 15 years, the most important industries and infrastructure have trusted Waterfall to guarantee safe, secure, and reliable operations. The company's growing list of global customers includes national infrastructures, power plants, nuclear generators, onshore and offshore oil and gas facilities, refineries, manufacturing plants, utility companies, and more. Waterfall's patented Unidirectional Gateways and other solutions combine the benefits of impenetrable hardware with unlimited software-based connectivity, enabling 100% safe visibility into industrial operations and automation systems.