

Waterfall for Local Folders

Cyber Security Solution for File Transfer



- Secure, unidirectional transfer of files and folders
- Information flow towards the industrial network is physically impossible
- Eliminates cyber threats and risks
- Assists in achieving NERC, NIST, CFATS and other regulatory compliance
- Real time files transfer from unlimited folders and tree depth, supports all file types, sizes and attributes
- Versatile configuration options
- Easy and simple to install and maintain.

General

Waterfall for Local Folders, a Unidirectional Security Gateway, comprehensively addresses utilities' needs for file transfer and availability across the organization while maintaining absolute cyber-security of the mission critical assets and achieving regulatory compliances.

Features and Benefits

The Waterfall for Local Folders incorporates the Waterfall One-Way™, a patent technology consisting of hardware based unidirectional fiber optic link. It enables the transfer of files and folders from the Waterfall TX server located in the industrial network to the Waterfall RX server located in the corporate network.

Designed specifically for secure unidirectional information flow, the Waterfall for Local Folders preserves the industrial network segregation and protects the utilities' critical assets by eliminating any threats of cyber-attack, incoming viruses or human errors originating from external networks.

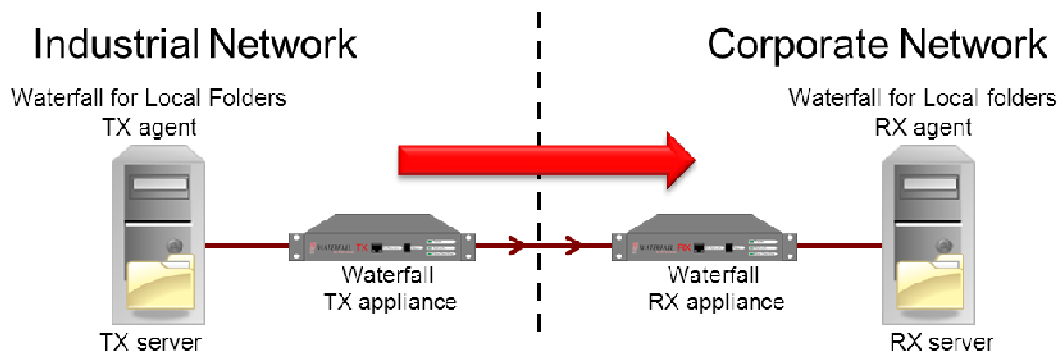
Due to the growing concern of the North-American authorities regarding the vulnerability of the Industrial networks, Waterfall for Local Folders provides a solid foundation for achieving NERC-CIP, NIST, CFATS and other regulations compliance.

The file transfer process is fully transparent to the users and the existing applications, and has no effect on any working procedures. Waterfall for Local Folders supports real time file transfer from the industrial network to the corporate network. Thus, users across the organization can access data in real time and retain the business and operational needs.

The Waterfall for Local Folders versatile configuration options support:

- Unlimited root folders
- Short and long file names
- Preserves files' attributes
- Unicode file names
- Mitigation of file attributes issues
- Filtering according to file size, name, extension and time of use
- Archiving files for optional retransmission
- Creation of file transfer report.

Installing and monitoring the Waterfall for Local Folders is done using configuration and monitoring applications. These applications enable fast and easy installation, as well as monitoring of performances. Comprehensive diagnostics include real time alarms that alert the user of fault conditions via email, SNMP, log file and the Waterfall's monitoring console.



Specifications

Network Interfaces:	10/100 Base-T or 1000BaseT	Power	Single or Dual PS , 100-240V AC, 50-60Hz,
Network Connector:	Ethernet: RJ45 (CAT5)	Power consumption:	7W
Management:	Configuration and monitoring applications	Dimensions:	482 mm [19"] (W), 43.5mm [1U] (H), 253 mm (D) Rack-mount unit
Alarms:	User defined	Weight:	1.75 Kg
Status Indication LEDs:	Power (Orange) – Power operating correctly Network (Green) – Ethernet port is connected Fiber One-Way (Green) – Optical link data is active	Temperature:	Operating: 0° C to 50° C Storage: -10° C to 70° C
		Humidity Range:	0 to 95% at 45° C, non-condensing