

Waterfall File Transfer Enabler

Secure, Unidirectional, Real-Time, Data Transfer



Introducing WF-FTE

Enabling absolute, real-time and hack-proof transfer of files between networks

Supports files of any size and transfer of entire folder hierarchies

Security implemented in the physical layer

Proprietary transfer protocol – No TCP/IP between the networks

Complete physical and galvanic separation between networks

Simple installation and implementation

Flexible and user-friendly control & monitoring capabilities

Easily adaptable to integrate with third party protocols

A wide variety of applications supported:

- Local folders
- Remote folders
- FTP, TFTP, SFTP
- Message Queues
- Framework for S/W updates
- Certificates publication

WF-FTE (File Transfer Enabler)

File transfer from insecure sources into secure/segregated networks can be carried out either manually or by connecting the networks. Whereas the first option is tedious and inefficient, the second entails threats of data leakage and online attacks.

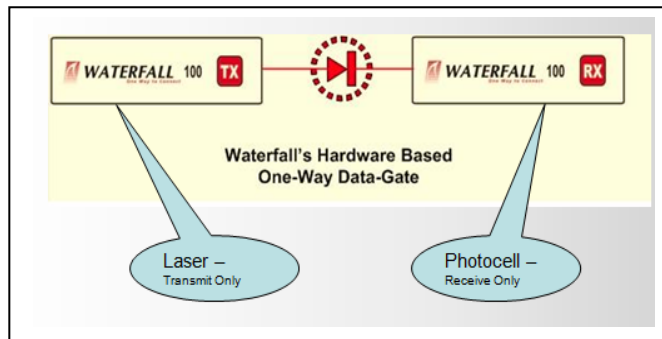
Even with the use of firewalls or intrusion detection and prevention systems there is no guarantee of full protection as these systems can be bypassed or attacked.

As a result, many secure networks remain segregated from external sources, choosing to maintain high security by paying the price of lowered efficiency because of zero connectivity.

Utilizing Waterfall's unidirectional technology, files can be transferred online and efficiently into secure networks, without compromising on their security, completely eliminating the possibility of cyber-hacking and data-theft.

Waterfall Security Solutions is the world's leading provider of unidirectional data security solutions.

Using a physical one-way hardware device, integrated with a unique application supporting multiple standard protocols, Waterfall Security provides a unique solution for safely transferring files between networks, supporting continuous high throughput coupled with user flexibility in selecting folders and maintaining directory structure.



Waterfall Security's WF-FTE enables secure, high performance, unidirectional and real time transfer of files between networks. The transfer is performed while eliminating any possibility of online attacks and data leaks.

Technical Information

Appliance: Dual appliances (Tx and Rx) 19" 1U

Power: 100-240V AC, IEC C14 socket (male)

Data Throughput (sustained): 100Mbps

Operating System: Windows™ and Linux™

Option: Dual redundant power supply

Application: Residing on two CFE servers (dual NICS required)

Network Sockets: RJ45 Ethernet ports

Status LEDs: Power, LAN and F/O

Weight: 1.6 Kg

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