

# Waterfall SME for DNP3

Efficient and Protective Unidirectional Monitoring of DNP3 Data



## Introducing WF-SME WF-SME for DNP3

**Provides absolute, real-time and hack-proof transfer of DNP3 data from industrial networks to business and corporate networks**

**Supports unidirectional transfer of Distributed Network Protocol Version 3.3**

**Security implemented in the physical layer; Complete physical and galvanic separation between networks.**

**Proprietary transfer protocol – No TCP/IP between the networks**

**Simple installation and implementation**

**Flexible and user-friendly control & monitoring capabilities**

SCADA Servers often control extremely sensitive facilities and critical national infrastructures, such as nuclear power plants, power stations, hydroelectric dams and oil and gas pipelines.

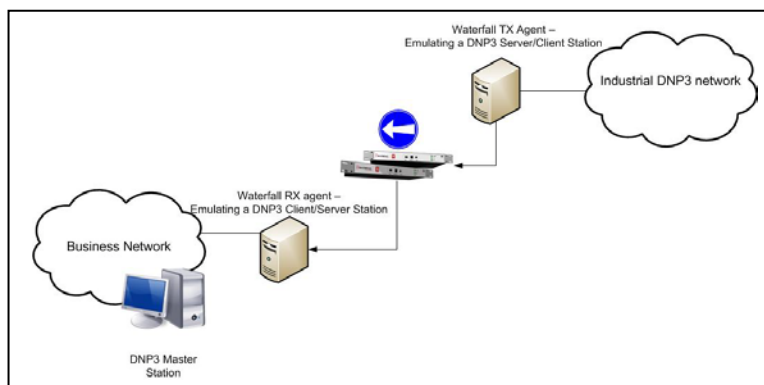
Naturally, these facilities are tempting high-profile targets for hostile and terror related activity, including cyber terror and cyber hacking.

It has been clearly proven that sensitive networks which are connected to less sensitive or public networks can never be completely secure; security breaches due to online attacks remain a major risk.

Even with the use of firewalls, intrusion detection & prevention systems, and other software-based security means there is never a guarantee for full protection, as all software-based solutions are penetrable and vulnerable.

Waterfall Security Solutions has harnessed its unique hardware based unidirectional technology to provide a completely secure solution for transferring DNP3 data between segregated networks.

Waterfall One-Way™ provides a secure core for unidirectional connectivity, incorporating patent-pending technologies that implement a physical one-way connection, based on fiber optic communication, using a proprietary transfer protocol.



**Waterfall Security's SCADA Monitoring Enabler for DNP3 (WF-SME for DNP3) enables secure, unidirectional, real time, and foolproof transfer of DNP3 data from industrial networks to business and corporate networks.**

### 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: Power, link and F/O activity LEDs

Weight: 1.6 Kg

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