

# Waterfall SCADA Monitoring Enabler

Efficient and Protective Unidirectional Monitoring of SCADA Servers

## Introducing WF-SME

Provides absolute, real-time and hack-proof replication of SCADA servers and data from Industrial Networks to Business Networks

Security implemented in the physical layer

Proprietary transfer protocol – No TCP/IP between the networks

Simple installation and implementation

Complete Physical and galvanic separation between networks

Flexible and user-friendly control & monitoring capabilities

Wide variety of SCADA servers and protocols supported:

- OSISoft PI™
- Modbus variants
- OPC
- DNP3
- Others



## WF-SME (SCADA Monitoring Enabler)

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

Naturally, these facilities are tempting high-profile targets for hostile and terror related activities.

It has been clearly proven that sensitive networks which are connected to less sensitive or public networks can never be

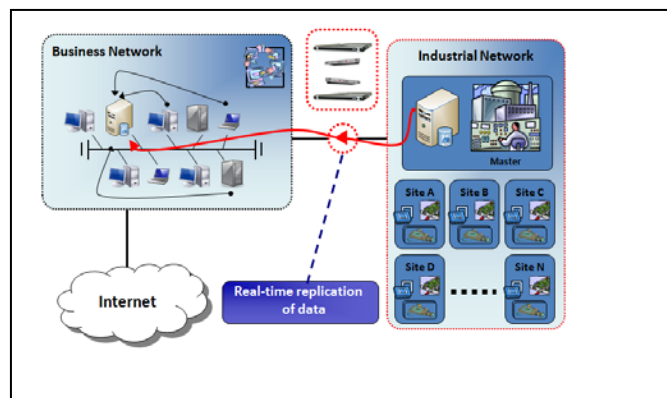
completely secure: security breaches due to online attacks remain a major risk.

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

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 SCADA protocols and servers, Waterfall Security provides solutions for safely replicating, in real-time, information from Industrial Networks to Business Networks, fully eliminating the risks of cyber attacks and data theft.

**Waterfall Security Solutions' WF-SME enables secure, unidirectional, real-time and high performance transfer of data from SCADA Servers and applications in industrial networks to business networks, while eliminating any possibility of online attacks on the critical SCADA network and the costly assets operated by it.**



### 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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