



Joint Solution Brief

Combining Managed Detection & Response with Unidirectional Security Gateways

Enabling Secure Operations: Gain the value of MDR without exposing your critical network to cyber attacks.

As trusted global partners, Siemens Energy offers a joint solution with Waterfall Security to enable the safe collection, analysis, and monitoring of OT assets.

To ensure the collection and extraction of OT data to the Siemens Energy MDR cloud does not introduce new attack vectors, MDR customers rely on Waterfall Security's Unidirectional Security Gateways.

By installing Waterfall's easy-to-use and fully integrated gateways, businesses achieve safe IT/OT integration, eliminating the risk of remote cyberattacks entering their industrial control systems, while enabling seamless access to critical operational data for MDR monitoring.

MDR relies on real-time industrial data and uses machine learning to study and monitor

the relationships between variables in clients' OT workflows, flagging anomalies for human analysts.

Waterfall gateways are uniquely able to connect to the industrial servers and replicate all data in their native protocols and formats. This is what enables MDR's AI to function as expected.

MDR's contextual analysis, architecture mapping, and intelligent prioritization provides unprecedented visibility into OT systems, enabling defenders to better detect and precisely contain cyberattacks. The joint solution with Waterfall Unidirectional Gateways allows for a robust and secure monitoring solution.

Joint Solution Benefits



Safe and secure replication of industrial data to Siemens Energy MDR



Eliminates remote-control cyber attacks and online malware propagation



Simple deployment – minimal footprint in an approved architecture design



Uniquely enables suite of MDR services



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

Key Features

1

Co-developed and validated for seamless integration with Omnivise T3000

2

Supports native OPC UA / DA, syslog, and SFTP / Local Folder

3

DCS OEM Vendor Agnostic

The Simple Unified Solution



Waterfall Bundle Options

Product	Quantity
WF500 Bundle: Siemens_Energy_500C	1 per DCS network
WF600 Bundle: Siemens_Energy_600	1 per DCS network

For Further Information:

Waterfall Security: Elisha Olivestone
Global Director Business Development
elishao@waterfall-security.com

Siemens Energy: Garrett Barry
Global Strategic Programs
barry.garrett@siemens-energy.com