

# WF 500 DIN Rail

The Waterfall WF-500 DIN Rail is a Unidirectional Security Gateway in a compact design that allows space-constrained sites to benefit from Waterfall's unbreachable physical protection from cyber attacks on industrial networks.

The DIN Rail version of Waterfall's market-leading Unidirectional Security Gateway offers the same throughput, connectivity, functionality and security as Waterfall's full-sized rack-mounted version. The availability of a smaller form factor is ideal for substations, pumping stations, compressor stations, and anywhere else where space is limited.



## » How it works:

The software replicates servers, while the hardware provides an impassable physical barrier to attacks

### 1 Connect

An OT network safely to a less secure IT network

### 2 Protect

The OT network with hardware-enforced technology

### 3 Replicate

OT data in real-time to external networks



## » Benefits

### Safe SCADA WAN connectivity

Seamless integration with SCADA systems across SCADA WANs, combining the benefits of impenetrable hardware with software-based connectivity

### Extensive COTS solutions

An extensive library of software connectors for industrial systems and devices

### Defeats online cyber attacks

Reduce down-time, equipment damage, environmental & public safety incidents, and ensure operational continuity by preventing cyber attacks

### Small form factor

DIN-rail form factor fits small sites with challenging space constraints

### Seamless integration

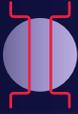
Without the need to install software on industrial networks making OT networks transparent to enterprise users and applications

### Unbreachable physical barrier

Protects absolutely from online cyber attacks originating from IT networks or the Internet

## »» Features

**Standard DIN-Rail form factor**



**1Gbps standard throughput**



**Flexible connector hosting supporting Windows and Linux**



**Front panel cabinet connections for clear system visibility**



**Compatible with dozens of industrial COTS software connectors**



## »» Technical Specifications

Dimensions:	11.3cm(W), 21.3cm(H), 25cm(D) DIN Rail rack mount
Power	9-36V DC
Weight	3 kg
Network Interfaces	4 x 1Gbps

## »» Certification & Compliance

### Certification

Common Criteria EAL4+, Singapore NITES, Korean KC, Israel NIS

### Assessments

Idaho National Labs, Digital Bond Labs

### Enables compliance with

Global ICS Standards & Regulations, NERC CIP, IEC 62443, NRC 5.71, NIST 800-82R2, CFATS, ISO, Industrial Internet Consortium SF, ANSSI ICS Standards, and many more

**One-way for data.  
Zero-entry for attackers.**

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