

## PRODUCT SHEET

# Myra Flow Monitoring

**Accurate traffic analytics for resilient protection: Automatically detect and respond to suspicious traffic anomalies in real-time. With Myra Flow Monitoring, you initiate individually configured defensive measures in seconds.**

High-volume DDoS attacks against infrastructure providers are increasing in frequency and strength year over year. According to an Allianz analysis, external events such as DDoS attacks account for 85 percent of global cyber insurance losses. Myra Flow Monitoring automatically identifies traffic anomalies to initiate the appropriate defensive measures in the shortest possible time.

### ■ Traffic analysis in real-time

Support for common formats such as Netflow, sFlow, jFlow and Netstream

### ■ Individual thresholds

Myra works with you to determine the optimal thresholds based on packet rate (pps) and data rate (Mbps) to secure your infrastructure.

### ■ Wide hardware support

Myra Flow Monitoring supports routers from Cisco, Juniper, Brocade and other manufacturers.

### ■ Reporting via email alert

Triggered mitigations are communicated via email with further details about the averted attack.

## WHY MYRA SECURITY?

### Comprehensive certification

Our technologies, services and processes are regularly audited and certified to the highest standards.

### Made in Germany

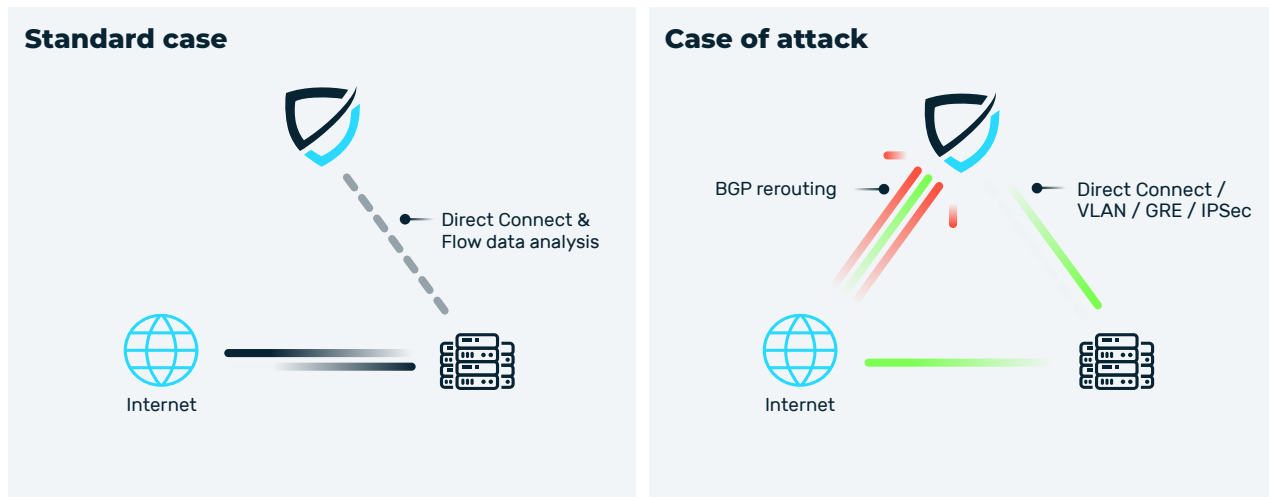
As a company headquartered in Germany, Myra is legally compliant with the GDPR.

### Local 24/7 support

Get professional help from our IT experts from the Myra SOC (Security Operations Center).

## This is how Myra Flow Monitoring protects your data centers

During operation, Myra Flow Monitoring tracks traffic flows in real-time. If the individually defined threshold values for the customer network are exceeded, mitigation can be initiated within seconds. In case of an attack, all traffic is automatically redirected to the Myra infrastructure via a „more specific BGP announcement“. The Myra Scrubbing Center filters out and discards malicious attack traffic while allowing valid clean traffic to continue to be delivered to the target server. Once the attack is over, the BGP announcement is withdrawn and the data packets are then routed back directly to the customer infrastructure without any further filtering by Myra.



## What Myra Flow Monitoring achieves for you

### Monitor data traffic in real-time

The Myra Flow application is run within the customer's network on a virtual server and constantly receives flow data information from the customer's edge routers. Flow Monitoring evaluates this information and triggers various follow-up processes when defined thresholds are reached.

- On-demand mode
- Designed for network sizes from /24 IPv4 or /48 IPv6 (dual stack)
- BGP FlowSpec support

### Myra Flow Monitoring Advanced: Highly sensitive attack detection

Myra Flow Monitoring Advanced allows you to define thresholds even for small networks. This enables strategic protection of your business portfolio if you have internally divided your network into smaller subnets. In the event of an attack, this allows the smallest routable network where the attacker's target is located to be routed to Myra.

- Freely configurable thresholds based on packet rate (pps) and data rate (Mbps)
- Supports network sizes from /32 IPv4 or /128 IPv6 (dual stack)
- Automated setup of customer network and associated thresholds

## Cloud, OnPrem, Hybrid: Myra Flow Monitoring provides flexibility

Myra Flow Monitoring is designed for use with Myra Scrubbing solutions to defend against volumetric DDoS attacks at the network and transport layers (layer 3/4). Accordingly, you can flexibly implement real-time monitoring for cloud, on-prem or hybrid operation.



### Myra Cloud Scrubbing

Secure your data centers and IT infrastructures against volumetric attacks at the network and transport layers. Myra Cloud Scrubbing filters malicious attack traffic fully automatically and delivers only valid clean traffic to your servers.



### Myra OnPrem Scrubbing

Secure your customers' networks in your own data center, regardless of their size. Myra's OnPrem Scrubbing enables advanced BGP protection against volumetric attacks even for small networks down to single IPs.



### Myra Hybrid Scrubbing

Likewise, Myra Flow Monitoring can be used in hybrid setups that combine the visibility and control capabilities of on-prem installations with the performance of cloud scrubbing.

## Industry-leading security, performance and compliance

- **BSI-KRITIS-qualified:** The BSI catalog includes 37 comprehensive criteria that DDoS providers must meet to qualify for the protection of critical infrastructure (“KRITIS”). Myra is one of the leading security service providers worldwide, meeting all 37 criteria.
- **Comprehensive certified quality:** ISO 27001 certification based on IT-Grundschutz, BSI-KRITIS certified, BSI C5 Type 2, DIN EN 50600 certified datacenters, PCI-DSS certified, IDW PS 951 Type 2 (ISAE 3402) audited service provider, Trusted Cloud
- **Special cluster for critical infrastructures:** GDPR-compliant, geo-redundant server infrastructure in Germany
- **Made in Germany:** full technical control, permanent development, 24/7 full service support

## BSI-certified IT security

Myra Technology is certified by the German Federal Office for Information Security (BSI) in accordance with the ISO 27001 standard based on IT-Grundschutz. In addition, we are one of the leading security service providers worldwide to meet all 37 criteria set by the BSI for qualified DDoS protection providers. We are setting the standard in IT security.

**ISO 27001 BSI zertifiziert**  
auf der Basis von IT-Grundschutz  
Zertifikat Nr.: BSI-HGZ-0479-2021



**BSIG**  
KRITIS-qualifiziert







**DIN EN 50600**  
zertifiziert  
BETRIEBS SICHERES  
RECHENZENTRUM

Certified by the Federal Office for Information Security (BSI) in accordance with ISO 27001 on the basis of IT-Grundschutz | Certified in accordance with Payment Card Industry Data Security Standard (PCI DSS) | Qualified for critical infrastructure in accordance with §3 BSI Act | BSI C5 Type 2 | Certified Trusted Cloud Service | IDW PS 951 Type 2 (ISAE 3402) audited service provider

## Myra Security is the new benchmark for global IT security

Myra monitors, analyzes and filters malicious Internet traffic before virtual attacks cause any real damage. Our certified Security as a Service platform protects your digital business processes from multiple risks such as DDoS attacks, botnets and database attacks.

















Made in Germany



# Myra Security is the new benchmark for global IT security.

German technology manufacturer Myra Security offers a certified Security as a Service platform to protect digital business processes.

The smart Myra technology monitors, analyzes and filters harmful Internet traffic before virtual attacks can cause real damage.

**Request an individual security analysis now**

**Myra Security GmbH**



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