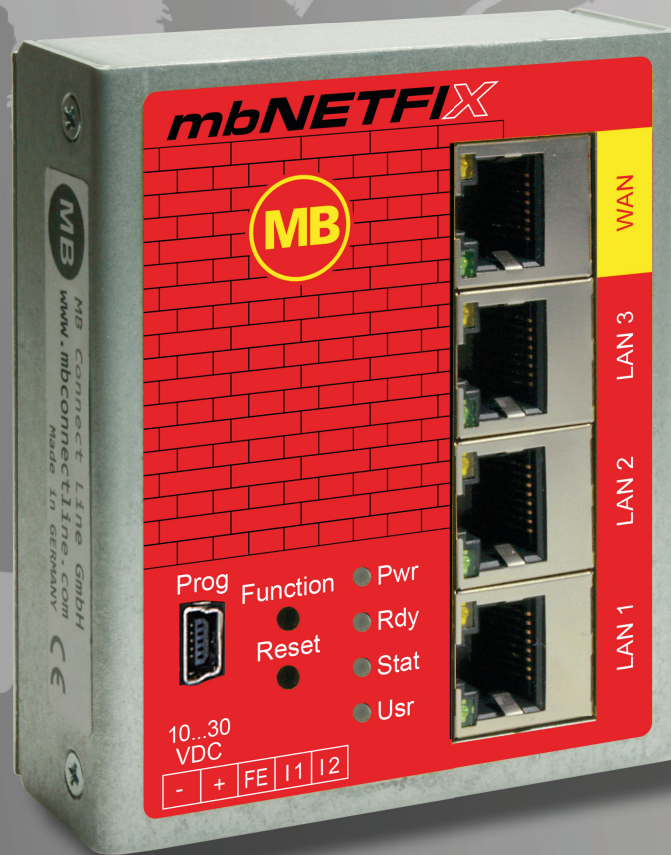




# NETWORK TRANSFERS QUICKLY SECURED



## **mbNETFIX**

### **THE FIREWALL FOR THE AUTOMATION ENVIRONMENT**

**mbNETFIX** is a self-learning, easy-to-configure industrial firewall. It can be operated in both bridge and gateway mode.

In bridge mode it is ideal for retrofitting existing networks. It can be installed out of the box, without any network change and starts immediately to learn about the current data traffic.

In gateway mode, selected areas of a network can be separated. Again, the learning mode simplifies the creation of the filter tables.

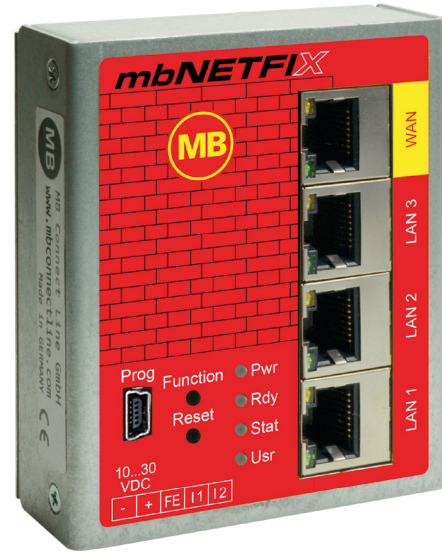
The concept is based on Security by Design right from the start. In order to keep the attack vectors as small as possible, a web interface was deliberately disregarded. The firewall is configured with a specific software via the USB port.

#### **Top 5 facts:**

- ✓ Protects the machines in the network from attacks from the Internet
- ✓ Easy network segmentation with controlled routing and NAT
- ✓ Bridge- and Gatewaymodes
- ✓ Integration into existing networks
- ✓ Convenient learning mode makes creation of filter tables simple & easy

## Technical specifications:

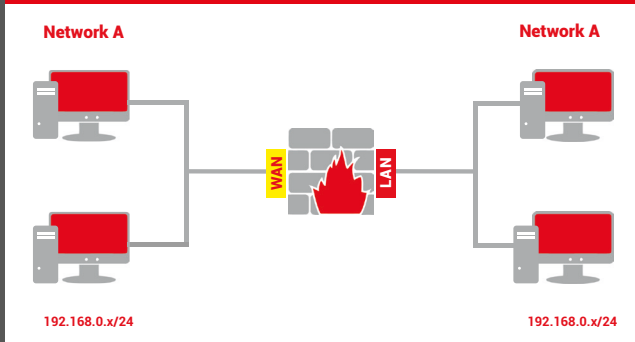
- ✓ IP, port and protocol filters for monitoring and restricting data traffic
- ✓ Versatile NAT functionalities, eg 1: 1 NAT, SimpleNAT and port forwarding
- ✓ 1x WAN and 3x LAN port switch
- ✓ 2 digital inputs for dynamic control of filter rules
- ✓ Configuration with portable software via USB or SSH (no installation required)
- ✓ Security by Design
- ✓ Power supply 10-30 VDC
- ✓ DIN rail mounting
- ✓ Dimensions 69 mm x 38.5 mm x 92.5 mm (W x D x H)



## Type: NFH100

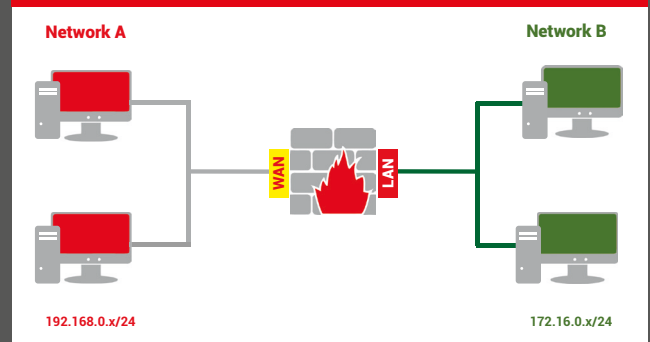
Version with 1x WAN, 3x LAN 10/100 Mbit/s

### Bridgemode



In **Bridgemode**, mbNETFIX fits easily into existing networks without changing any network range and protects data exchange between its interfaces, filtering packets between WAN and LAN. It integrates transparently, so no IP address allocation is necessary.

### Gatewaymode



In **Gatewaymode**, WAN and LAN interfaces will get a different IP address and therefore segment the original network. Here functions such as NAT and Forwarding can be used to route data traffic to secondary networks. The packet filter is also available and manages the exchange of data between WAN and LAN.

Available from Q2/2017

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