

Internal firewalling and network zoning help protect vital IT assets from internal attacks and abuse. netfence sectorwall appliances present the optimum solution for internal firewalling and LAN zoning. They allow efficient implementation of security policies right across the organisation.

Features & Benefits

- **Protection of Corporate Assets against internal Threats and Misuse**
- **Implementation of global Security Policies**
- **Local and central Management**
- **Complete Life-Cycle management**
- **Optimum Value for Money**
- **Simple Roll-out and Recovery**

netfence sectorwall 2000 - up to 4 GBit/s



netfence sectorwall 500 - up to multiple 100 Mbit/s



The netfence sectorwall appliances from phion AG present the optimum solution for internal firewalling and LAN segmentation. They have been designed for deployment in the internal corporate network.

netfence sectorwall appliances allow security policies to be efficiently implemented right across the organisation. As well as being necessary at the perimeter and in remote offices, this kind of protection is also becoming increasingly important in the internal core network.

Internal firewalling also requires thorough ARP monitoring capabilities to detect and prevent ARP poisoning and ARP spoofing attacks. The integrated reverse routing path check is of special importance to detect IP spoofing but also to discover misconfigured clients.

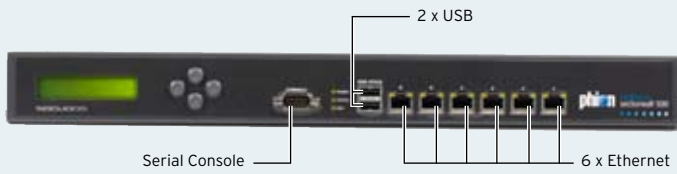
netfence sectorwall firewalls fully participate in the RPC communication between clients and end-point mappers (DCE/RPC) or portmappers (ONC/RPC). Due to this RPC awareness no broad port ranges need to be opened. The graphical real-time status and access cache will correctly identify all connections with the corresponding protocol names.

netfence sectorwall is offered on two platforms with different performance levels:

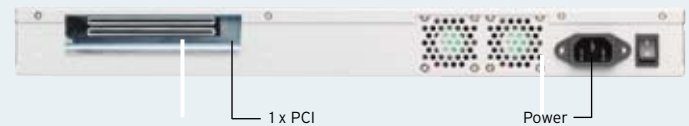
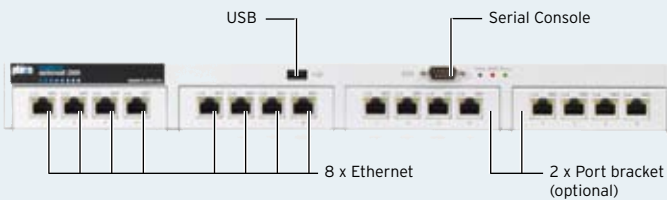
- **netfence sectorwall 500** is intended for up to several 100 Mbit/s throughput. The number of licensed IP addresses is unlimited.
- **netfence sectorwall 2000** has been designed for up to 4 Gbit/s throughput. The number of licensed IP addresses is unlimited.

netfence sectorwall

netfence sectorwall 500



netfence sectorwall 2000



Hardware specifications	netfence sectorwall 500	netfence sectorwall 2000
Throughput FW	403 Mbit/s full-duplex (TCP)	3.8 Gbit/s full-duplex (TCP)
CPU	Intel Pentium 4 - 2.4 GHz	Single XEON - 2.8 GHz
Chipset	845 GL	Intel E7501
RAM	1024 MB	2048 MB
HDD	2.5" 80 GB	3.5" 80 GB
LED Indicators	1 x Power, 1 x Status, 6 x LAN Link, 6 x LAN Active, 6 x LAN Speed	1 x Power, 1 x Status, 1 x HDD, LAN Link, LAN Active (10/100/1000)
Interfaces	6 x 10/100/1000 Ethernet	8 x Gigabit port
Expansion slots	1 x PCI	2 x Port bracket**, 1 x PCI
I/O interface	DB-9 RS-232	DB-9 RS-232
Recovery	SDR*	SDR*
Form factor	19" 1U Rackmount	19" 1U Rackmount
Dimensions	426 x 391 x 44 mm	431 x 500 x 44 mm
Net weight	5 kg	8.2 kg
Power supply	Internal open frame 200 W Switching	1U 300 W power supply
Operating temp	0 °C to +40 °C	0 °C to +40 °C
Storage temp	-20 °C to +70 °C	-20 °C to +70 °C
Humidity	5 % to 95 % RH, non condensing	5% to 95% RH, non condensing
Certification	CE, FCC CLASS A	CE, FCC CLASS A
Warranty	1-year warranty (parts and labor)	1-year warranty (parts and labor)
Warranty option	Extended warranty and Support-Package	Extended warranty and Support-Package

* Secure Disaster Recovery

** Following modules are available:

- Gigabit Ethernet Module - 4 Ethernet ports per module
- GBIC Module - 2 GBIC ports per module
- Fiber Module - 2 Fiber ports per module

Security for your internal networks

Security features	netfence sectorwall 500	netfence sectorwall 2000
DoS and DDoS protection	✓	✓
SYN-flooding protection, ICMP rate and size limitation By way of an integrated intrusion prevention (IPS) engine it can confine virus and other malicious code outbreaks to a single compartment.	✓	✓
Behaviour-based IPS option (P2P, IM, Skype)	✓	✓
Firewall user authentication on a per rule basis with metadirectory and PKI support	✓	✓
DHCP relaying with packet loop protection and configurable agent-ID policy	✓	✓
Protocol awareness for Microsoft DCE/RPC, ONC/RPC protocol in passive mode by interpreting the respective traffic, or active mode by querying the DCE/RPC endpoint mappers or ONC/RPC portmappers directly.	✓	✓
Protocol awareness for VoIP protocols SIP, H.323 and Cisco Skinny (SCCP)	✓	✓
Optional interception of SSHv2 terminal access and FTP requests by fully fledged application proxies supporting user authentication against metadirectories	✓	✓
ARP traffic monitoring	✓	✓
Protection against indirect DoS by adjustable log policy	✓	✓
FTP and SSHv2 terminal access interception	✓	✓

Operation modes	netfence sectorwall 500	netfence sectorwall 2000
VLAN 802.1q support	✓	✓
Ethernet channel bonding support	✓	✓
High availability capable with transparent session failover	✓	✓
Routing mode support	✓	✓
Integrated OSPF/RIP router	✓	✓
Bridging mode support	✓	✓

Management features	netfence sectorwall 500	netfence sectorwall 2000
Comprehensive GUI based configuration management of all system attributes	✓	✓
Cascaded firewall rule sets support multiple virtual sub-rule sets with jump instructions	✓	✓
Virtual rule analyser of firewall protecting against configuration errors	✓	✓
Network configuration analyser protecting against configuration errors	✓	✓
Role-based multi administrator management model	✓	✓
Full life-cycle management support (software update)	✓	✓
Speed install and recovery functionality (4 mins)	✓	✓
Fully compatible with all netfence Management Centre types	✓	✓
Advanced secure log streaming support for integration into security management systems	✓	✓
Bandwidth management (8 traffic bands) - CBWFQ	✓	✓
Unlimited protected IP addresses	✓	✓
Real-time traffic accounting and visualisation	✓	✓
Log streaming support to reduce local I/O load	✓	✓
Cumulative log streaming support to reduce local I/O load in high throughput scenarios	✓	✓
Easy roll-out and recovery	✓	✓

netfence Product family

needs		purpose	solution		management	
customer requirements	Comprehensive UTM protection of the critical resources and processes of a company	Perimeter Security	appliances	netfence gateways	central	netfence Management Centre & netfence reporter
	Protection against undesired content such as SPAM, manipulated emails and web pages, worms, viruses etc.	Content Security		netfence contegrity		
	UTM protection and high level of availability for remote sites	Secure Connectivity		netfence sintegra		
	UTM protection and high level of availability for micro offices			netfence edge		
	Protection against internal threats and misuse	Internal Security	netfence sectorwall			
	Unrestricted connectivity and policy enforcement	Endpoint Security	VPN	netfence VPN Connectors		
	UTM protection for industrial environments	Industrial Security	specialists	netfence industrial		
	UTM protection for SMBs	UTM protection for single locations		netfence M	direct	phion.a

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netfence
your
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