

Central management for your security infrastructure

netfence Management Centre



netfence Management Centres help to significantly reduce costs associated with security management while providing extra functionality both centrally and locally at the managed gateway.

Features & Benefits

- **Central Configuration Management**
- **Central Event Management**
- **On-demand Statistics and Event Reporting with netfence reporter**
- **Central Lifecycle Management**
- **Central Operating**
- **Follow-the-Sun Management**
- **Shared Management**
- **Identity Management**
- **Revision Control System**

Centralised management of secure connectivity

netfence Management Centre is a product line of dedicated central management servers for netfence security/application gateways and phionOS driven server platforms. They add a centralised management layer to the already extensive individual management capabilities of netfence systems. Management Centres help to significantly reduce cost associated with security management while providing extra functionality both centrally and locally at the managed gateway. Central management also eliminates the risk of overlooked security policy inconsistencies. Administrators use netfence Management Centres to monitor system health and security status of remote gateways, manage netfence gateway configurations and software, define global administration roles and scopes, or retrieve data on individual or collective gateway activity useful for accounting or billing purposes. netfence Management Centres act as licence centres serving license timestamps to the gateways controlled by them. This means that disaster recovery of a remote managed netfence gateway with phion's unrivalled 4 minutes speed-installation evades additional downtimes due to licensing issues.

Powerful administration

netfence Management Centres provide one of the most flexible and powerful administration concepts available today on the market. It can easily adapt to the administrative needs of organisations with a large or distributed staff. A hierarchical tree based management concept groups all managed gateways into server groups and turns them into ranges. Administrators may have assigned one or several administrative domains consisting of ranges and/or server groups.

Within each such domain they are assigned customisable security roles. Roles are centrally defined and determine configuration, system management, monitoring, and reporting privileges both on the Management Centre as well as on the managed netfence gateways. All gateways are still directly accessible by administrators in charge of it. Genuine multi administrator capability means that the same privileges may be assigned to a number of administrators. Complete 24x7 management becomes possible if these administrators manage their gateways from different locations or on different shifts.

Configuration management

netfence Management Centres provide central management capabilities that allow enterprises to cost-efficiently rollout and maintain even large numbers of netfence gateways. Central configuration management is fully GUI based and entails all configuration data including operating system parameters as well as firewall rule sets and VPN policies. Configuration management is session-based, transaction oriented, uses exclusive data locks on individual configuration files, and is thus fully multi administrator compatible. In order to allow gateways to share configuration data and security policies configuration repositories are provided. If gateway configuration files point to shared files in these repositories a simple change to the shared file will update all linked gateways. Central configuration also adds more flexibility to high availability (HA) setups and facilitates task based load balancing. The concept of an active and an idle hot-standby gateway is re-



www.phion.com

Central management for your security infrastructure

Configuration management	MC Entry	MC Enterprise	MC Global Player
Maximum gateways (recommended, not limited)	50	200	1000+
Configuration templates (repositories)	✓	✓	✓
Shared configuration data	✓	✓	✓
Operating system parameters	✓	✓	✓
Networking/routing parameters	✓	✓	✓
FW/VPN policies, Application gateway parameters	✓	✓	✓
Flat file data storage	✓	✓	✓
Database characteristics (transaction orientation, locking, etc.)	✓	✓	✓
Backup and restore functionality	✓	✓	✓
Gateway configuration archive for speed install	✓	✓	✓
Hierarchy levels	1	2	2
Number of ranges	-	1	5/Optional
Configuration update monitoring	✓	✓	✓
Full RCS versioning	Optional	Optional	✓
VPN Graphical Tunnel Interface	✓	✓	✓
Multi-release management	-	✓	✓
Multi-platform management	✓	✓	✓

Status map	MC Entry	MC Enterprise	MC Global Player
Gateway health state	✓	✓	✓
Launch pad functionality	✓	✓	✓
Customisable layout	✓	✓	✓

Trust centre	MC Entry	MC Enterprise	MC Global Player
Gateway x.509 certificate CA (RSA 1024-bit)	✓	✓	✓
Gateway SSH key management (DSA 1024-bit)	✓	✓	✓
SSL-VPN server for tunnels to gateways	✓	✓	✓
Virtual IP addresses for gateways (ProxyARP)	✓	✓	✓
Dynamic gateway IP address support	✓	✓	✓

License centre	MC Entry	MC Enterprise	MC Global Player
License timestamp server	✓	✓	✓
License status display	✓	✓	✓
Central event messagelist	✓	✓	✓
Event forwarding (SNMP, mail)	✓	✓	✓
Event log	✓	✓	✓

Central session tracking	MC Entry	MC Enterprise	MC Global Player
Session display	✓	✓	✓
Session termination	✓	✓	✓

Central software update	MC Entry	MC Enterprise	MC Global Player
Realtime version display	✓	✓	✓
Kernel and OS updates	✓	✓	✓
neffence updates	✓	✓	✓
Update log viewer	✓	✓	✓

Secure remote exec. environment (SSHv2)	MC Entry	MC Enterprise	MC Global Player
Job scheduling	✓	✓	✓
Script management	✓	✓	✓
Execution log viewer	✓	✓	✓

Administration model	MC Entry	MC Enterprise	MC Global Player
Fully phiona GUI based access	✓	✓	✓
Strong authentication & AES encryption	✓	✓	✓
Role-based administration	✓	✓	✓
Configurable roles	✓	✓	✓
Adjustable view on configuration tree	✓	✓	✓
Configurable administrative domains	-	✓	✓
Multiple domains per administrator	-	✓	✓
Configurable access on OS level	✓	✓	✓
Configurable access notification	✓	✓	✓

Reporting and accounting	MC Entry	MC Enterprise	MC Global Player
Historical reports on gateway activity	Optional	✓	✓
Customer based gateway activity reports	Optional	✓	✓
Policy distribution	✓	✓	✓
MC-resource utilisation	✓	✓	✓
Gateway-resource utilisation	Optional	✓	✓
Central log host	-	✓	✓
Streaming/relaying to external log host	Optional	Optional	✓

Additional functions	MC Entry	MC Enterprise	MC Global Player
NTP4 time server for gateways	✓	✓	✓
Inegrated DNS server	✓	✓	✓
High availability	Optional	Optional	Optional
e-Security interface	-	Optional	✓
Public Key Infrastructur	Optional	✓	✓
Revision Control System	Optional	Optional	✓

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

Contact information

Headquarters	phion AG
	Eduard-Bodem-Gasse 1
	6020 Innsbruck
	AUSTRIA
	Phone +43 (0)508 100
	Fax +43 (0)508 100 20
	Mail office@phion.com

netfence
your
network

	 Austria	 Germany	 Italy	 Switzerland
Regional Offices	phion Sales Office Vienna	phion AG	phion AG	phion Swiss GmbH
	Mooslackeng. 15-17 / Top 2042	Humboldtstr. 12	Via Borgogna 2	Sempacherstrasse 15
	1190 Vienna	85609 Dornach / Munich	20122 Milan	8044 Zurich
	AUSTRIA	GERMANY	ITALY	SWITZERLAND
	Phone +43 (0)508 100	Phone +49 (0)89 9449 0240	Phone +39 346 8664 420	Phone +43 (0)508 100
	Fax +43 (0)508 100 20	Fax +49 (0)89 9449 0110	Fax +39 0362 476 863	Fax +43 (0)508 100 20
	Mail office@phion.com	Mail office@phion.com	Mail office@phion.com	Mail office@phion.com

