

FlexShield

Total Cybersecurity in 1U



Problem

Weak points of IT Security in most Organizations

- Mobile devices connect to external networks insecurely.
- Use of Firewalls without proper features and performance.
- Lack of tunnelling functions (internet access without firewall).
- Lack of encryption functions (encrypted passwords, etc.).
- Lack of diagnostics and graphs.
- In many cases, access to certain web sites is not restricted.
- Non-comprehensive IT security strategy.
- Lack of updated anti-virus software.
- Lack of IP tables function and lack of updates.
- Poor throughput of Firewall obliges to bypass critical measures.



UE new directive 2016/679 (27th April 2016)

All data related to UE citizens must be treated in a confidential way.

Access to data and data transmissions must include security measures to protect from unauthorized access, such as encryption and firewalls.

Penalties can go up to € 20M or 4% of a Company's total turnover.

The legal enforcement of this new Directive started on April 27, 2016. There is a 2 year period of adoption before penalties may start to apply.

FlexShield: Total Cybersecurity in 1U

FlexShield is a multi-function Cybersecurity Platform that integrates in just 1U the whole protection needed for any SMB (Small and Medium Business), Enterprise organization or high performance Datacenter.

- High performance, High Availability redundant Firewall built-in, with 3 levels of high data throughput suitable for any SMB, Enterprise or Datacenter. Ensures secure internet access, always.
- Can manage 2 Data carriers simultaneously.
- High Availability: all systems are redundant in 2N built-in, with zero downtime in case of failure of one of them.
- 1U: minimal space and maximum energy efficiency.
- Multiple built-in features as: Graphic User Interface (GUI) for easy IP tables and tunneling configuration, diagnostics, etc.
- Content management function allows to establish access restriction to specific web-sites.
- Tunneling to ensure all mobile devices or remote offices connect to the Internet through the Corporate Firewall following the established Corporate security policy.
- Redundant Anti-virus server built-in with constant updates.
- Redundant Data Encryption server built-in to protect all stored files.
- Full 802.11 a/b/g/n/ac support.
- Port Aggregation.
- Bridge capacities.
- Internet connection configuration (load balancing and HA mode).
- QoS enabled to guarantee bandwidth for your critical services and priorities setting.
- Multiple Routing tables capacity.
- DHCP and DNS capacity.
- VPN.
- SMTP: Send mail configuring automatic info mails and export backups.
- Monitoring and SNMP.

Width	483 mm	19"
Depth	800 mm	29"
Height (1u)	44,45 mm	1,75"
Weight	5kg/u	
Power consumption	1000 W ; 110V/220V 50Hz/60Hz	

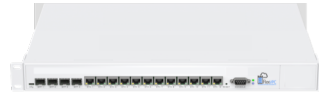
Three models to respond exactly to any Organization needs:

FlexShield SMB



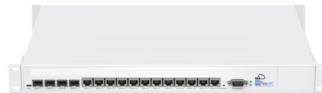
- Ultra compact 1U.
- High availability 2N architecture.
- 2 independent Firewall boards in HA.
- 2 switched *mode* power supply.
- 2 Gb of bridging capacity Throughput
- 8 x Gigabit Ethernet ports in redundancy. (2x8 Gigabit Ethernet ports).
- 1 SFP+ port in redundancy
- Suitable for 2N Fibre Internet providers.
- Intrusion Protections Security (anti hackers).
- Anti-virus 2N server built-in.
- Encryption 2N server built-in.
- Graphic User Interserver face built-in
- DDosS protection.
- 5G Wifi.

FlexShield Enterprise



- Ultra compact 1U.
- High availability 2N architecture.
- 2 independent Firewall boards in HA.
- 2 switched mode power supply.
- 22 Gb of bridging capacity Throughput
- 16 Gb x Ethernet ports in redundancy.
- 1 SFP port in redundancy.
- Suitable for 2N fibre Internet providers.
- Intrusion protection Security.
- Anti-virus 2N server built-in.
- Encryption 2N server built-in.
- Graphic User Interserver face built-in
- DDosS protection.

FlexShield Datacenter



- Ultra compact 1U.
- High availability 2N architecture.
- 2 independent Firewall boards in HA.
- 2 switched mode power supply.
- 44 Gb of bridging capacity Throughput.
- 16 x Gb Ethernet ports in redundancy.
- 1 SFP port in redundancy.
- Suitable for 2N fibre Internet providers.
- Intrusion protection Security.
- Anti-virus 2N server built-in.
- Encryption 2N server built-in.
- Graphic User Interserver face built-in.
- DDosS protection.

Benefits

Highly Secure



Resilient 2N



Simplified: plug & play



Personalized Support



Modular



Flexible



Scalable



Green



Cost effective



FlexShield provides full protection for all your Cybersecurity needs in one ultra-compact, Plug&Play device. All systems built-in are redundant to provide High Availability service. Can manage two data carriers simultaneously. Provides secure access to the Internet and protects against any intrusion.