

# MANAGED FIREWALLS, WEB SECURITY, IDS/IPS AND ADVANCED REPORTING

Complete protection against evolving perimeter and web-based threats.

There is a rapid growing form of cybercrime and security threats that makes firewalls one of the most vital components of any network. Taking into consideration the dangers posed by viruses, malware and unknown network trespassers, the protection of the corporate network becomes paramount.

A multidimensional security system is necessary with the key consideration being to block traffic to URLs that are deemed unsafe.

The managed firewall service is an end-to-end service consisting of pre-implementation consultancy, design of a connectivity security policy, deployment of a firewall device, management and 24/7 monitoring and support. With managed firewall services there is no need to buy, deploy or manage various point solutions. Companies simply subscribe to the service and a team of experts maintain the solution to ensure that it provides complete protection against constantly evolving perimeter and web-based threats.

URL filtering has been designed with business objectives in mind. It has been created to integrate with other key security features, such as firewall, VPNs and antivirus technologies, to deliver a multi-layered security approach. However, URL filtering still provides the flexibility that allows you to control which URLs certain users are able to access, as well as, when and for how long.

## BUSINESS BENEFITS

- Fully managed firewall provided on a subscription basis
- Delivered based on client's business requirements
- 24/7 support

## FEATURES

- User authentication – support user groups via Radius, Tacacs, PKI or LDAP directory services
- Web content filtering and control
- Intrusion detection and prevention
- Cyber threat monitoring
- Application control – the firewall can detect and take action against network traffic depending on the application
- Dynamic routing protocols – can use dynamic routing protocols “on the fly”
- Policy based routing – determines the path that outgoing traffic will take
- Server load balancing – balances the load of incoming traffic
- Traffic shaping capabilities

## ADD ONS

### Managed IDS/IPS

Using a best of breed network-based IDS/IPS device we aim to deliver simple solution to deploying and maintaining an IDS on your network to protect valuable assets from external or even internal attacks and provide visibility into attacks to your environment via online and scheduled reporting.

### Managed Advanced Fortigate Reporting, Monitoring and Alerting

All the basic reports you would expect are available online in near real time, in order to give you maximum visibility into the traffic flowing through the firewall. Reports are split into their respective sessions aligning with the Fortigate UTM modules.

COMPARISON OF MANAGED VS OUTRIGHT PURCHASE	
MANAGED FIREWALL	OUTRIGHT PURCHASE FIREWALL
24/7 support is provided locally by NOC, with critical alerting to the client.	Support is provided directly by Fortinet (overseas).
Daily security checks done.	Client is responsible to do daily security checks.
No license renewals are required (takes ownership of license).	Client has to renew license annually themselves with Fortinet.
Firmware and updates monitored and applied when necessary.	Client is responsible to monitor and update the firmware.
Software versions patched and kept up to date.	Client is responsible to ensure software version patches are applied and kept up to date.
No additional hardware required for Advanced Reporting and Alerting.	Forti-Analyzer will be required for reporting (hardware cost and annual licensing costs involved).
In the event of a faulty device, 8 hour swop-out SLA (in Metropolitan areas).  Active/passive deployments recommended for remote deployments.	In the event of a faulty device, the client has to send the faulty device to Fortinet (overseas) and wait weeks for it to be repaired and returned.

## ABOUT CIPHERWAVE

CipherWave is a South African Internet Service Provider (ISP) that provides growing businesses with a range of solutions to help them connect, communicate and collaborate with their customers, employees and suppliers. We own and manage our own network infrastructure, which enables us to provide efficient, speedy service and support that our customers can count on 24/7.