



Managed Firewall Security Suite

Crucial defence at every layer

Modern businesses are faced with an increasingly fluid threat landscape. While a firewall remains a key part of any cyber security programme, in today's digital world it needs to be smarter than ever to keep up with constantly evolving technologies to protect your most important assets.

Deployed as part of 4D's integrated cyber security offerings, 4D's Managed Next-Generation Firewall Security Suite is uniquely designed to be the industry's smartest, fastest and most effective solution. Comprehensively offering Unified Threat Management (UTM) including Intrusion Prevention System (IPS), and content filtering to deliver advanced, comprehensive perimeter protection across your entire network.

A changing threat landscape

Without dedicated in-house expertise to keep firewalls patched and updated, businesses often struggle to unlock the full value of their cyber security investments. Managing the constantly changing threat landscape can be challenging; attackers will attempt to infiltrate your network with a wide variety of different attacks. Cyber-attacks will damage your IT systems and cause a very costly recovery process, there is the potential of lost data and unexpected downtime; notwithstanding the reputational damage after a successful cyber-attack.



CYBER

4D's Multi-layered Cyber Protection

Maintain business continuity with 4D's Cyber Security solutions



Managed Firewalls
Industry-leading perimeter protection



DDoS Protection
Safeguard your network and data



Threat Monitoring
Proactively minimise overall threat exposure



Managed Backups
Last line defence against system failure

Why deploy 4D's managed firewall?

4D deploys industry leading programmes from WatchGuard, coupled with our expert engineers to create a totally comprehensive security offering.



Best-in-class protection – dynamically safeguarding the interface between your LAN, WAN and IP networks



Expertise as an extension of your own team - an economic alternative to hiring a full-time firewall expert



Proactive monitoring 24x7x365



Updated to keep you constantly secure as new threats develop – performance, availability and policy management, upgrades and patch management



Improved productivity – reduce downtime and prevent unproductive, resource intensive applications from running on your network

Why 4D?

4D Data Centres is an independently owned UK-based managed infrastructure provider with facilities in Gatwick, Surrey, Kent and London. Since 2007, we've delivered colocation, cloud, cyber and connectivity services to hundreds of small and large-scale organisations.

Why WatchGuard?

- Operating with 23 years' experience
- Trusted by over 80,000 customers
- Multi-award winning security services

Managed Firewall Services

4D's Managed Firewall Security Suite is a comprehensive solution to manage all your internet traffic, users and devices. Delivering in-depth defences against advanced malware, ransomware, botnets, trojans, viruses, drive-by downloads, phishing and more.

Service Features

Security Features	VPN & Authentication	Management	Networking
<ul style="list-style-type: none">• Deep packet inspecting firewall• Protects against application proxies• Threat protection equipped for malformed packets, blended threats, etc.• VoIP; H.323, SIP, call setup and session security	<ul style="list-style-type: none">• Encryption using AES 256-128 bit, 3DES, DES• IPSec; SHA-2, IKE v1/v2, IKE pre-shared key, 3rd party cert, Suite B• Single sign-on across operating systems• Authentication using RADIUS, LDAP, Windows Active Directory, VASCO, RSA SecurID, internal database, SAML 2.0, SMS Passcode	<ul style="list-style-type: none">• Logging and notification with 24x7 4D Support & Expertise• Comprehensive reporting as WatchGuard Dimension includes over 100 pre-defined reports, executive summary and visibility tools	<ul style="list-style-type: none">• High availability with active/passive as standard• Quality of Service guaranteed using 8 priority queues, DiffServ, and modified strict queuing• IP address assignment• Network Address Translation; Static, dynamic, 1:1, IPSec traversal, policy-based

Guide Pricing

Typically delivered as part of an integrated offering - there's no one-size-fits-all solution. Our security experts will work together with you to deliver a bespoke solution that uniquely meets your Unified Threat Management business requirements.

Technical Specifications & Features

Tool	Capacity	Tool	Capacity
Firewall (IMIX)	4Gbps	Current connections (proxy)	330,000
VPN	1Gbps	New connections per second	51,000
HTTPS Content Inspection (IPS enabled)	800Mbps	VLANs	200
Gateway AntiVirus	Comprehensive	Authenticated users limit	500
IPS (full scan)	2.5Gbps	Branch Office VPN / 525	100
UTM (full scan)	1.7 Gbps	Mobile VPN	100
Concurrent connections	2 Million		

Suite Features and Services

Intrusion Prevention Service (IPS)	Scans all ports and protocols to provide in-line protection from attacks
Application Control	Blocks risky, unauthorised and inappropriate apps for security and productivity
WebBlocker (URL/Content Filtering)	Provides URL and content filtering to block objectionable material and malware
spamBlocker (Anti-Spam)	Blocks spam regardless of language, format or content of the message
Gateway AntiVirus (GAV)	Uses both signatures and sophisticated heuristic analysis to stop threats
Reputation Enabled Defense (RED)	Uses reputation scoring to ensure faster, safer web surfing with special botnet detection capabilities
Network Discovery	Displays a visual map of all nodes on the network for easy identification of risk and suspicious behaviour
APT Blocker	Uses award-winning sandboxing technology to detect and block advanced malware and zero-day attacks
Threat Detection and Response	Collects, correlates and analyses network and endpoint data to detect, prioritise, and enable immediate action to stop threats
DNSWatch	Reduces malware infections by detecting and blocking malicious DNS requests, redirecting users to a safe page with information to reinforce security best practices malware and zero-day attacks
IntelligentAV	Uses AI to provide predictive protection against zero-day malware and enable immediate action to stop threats
Dimension Command	Takes immediate action to block potential and active network threats identified using the visibility provided by Dimension
WatchGuard Cloud Visibility Data Retention	Provides multiple data storage options, available to accommodate your business's needs immediate action to stop threats
Support	Ensures always-on support for all customers, all of the time



The data floor at 4D's Gatwick Data Centre

Take the next step

4D's Cyber Security Solutions supports cloud transformation, infrastructure and data management with an integrated approach to strengthen your overall security posture.

Discover why hundreds of organisations like yours trust us with their data and infrastructure security.