

# FIREBOXV

## Best-in-Class Network Security for Your Virtual Environment



Organizations of all sizes are turning to virtualization to reduce costs and increase the efficiency, availability, and flexibility of their IT resources. But virtualization comes at a cost. Virtual environments are complex to manage and vulnerable to security threats. IT must be prepared. Now applications can be secured, resources can be maximized and your IT department can reap the rewards of having a single, unified management system – without a security risk in sight. WatchGuard FireboxV brings best-in-class network security to the world of virtualization. With real-time monitoring, multi-WAN support and scalable solutions to fit any-sized business, your virtual environments can be just as secure as your physical one.

*WatchGuard's virtual solutions provide you with unmatched deployment flexibility. You can choose to deploy a mix of hardware and virtual appliances, operating together and managed from a common centralized management platform. WatchGuard virtual appliances feature all of the security and networking services found in our physical appliances and can be deployed in a per-customer, -department, or -app scenarios, for your virtual infrastructure.*

### VIRTUALIZE THE TRADITIONAL GATEWAY FIREWALL FOR UNPRECEDENTED FLEXIBILITY

WatchGuard FireboxV protects not only the physical perimeter of the datacenter, but the “virtual edge.” Now you can easily implement policy that protects the data in the corporate database from the messaging infrastructure, or confidential HR information from financial data from other divisions – even when running on the same servers.

### CONSOLIDATE MULTIPLE FIREWALLS FOR HIGH-IMPACT EFFICIENCIES

Service providers – hosting, cloud, or managed security services – can deploy multiple instances of FireboxV on servers at the perimeter of their datacenters. These virtual firewalls are isolated from each other, so service level agreements (SLAs) can be guaranteed to each tenant, and a configuration change to one doesn't affect the others. And yet they can all be managed by the provider using a single intuitive console.

### ELIMINATE REDUNDANT HARDWARE COSTS WHILE SECURING THE VIRTUAL NETWORKS – BRANCH CONSOLIDATION

As larger branches and divisions consolidate local servers – file, print, voice, and more – onto one box, a virtual firewall can be deployed on the physical server, insulating all traffic from the public Internet. A single VPN tunnel can provide a secure path back to corporate datacenters or virtual private clouds – yielding cost savings at every location without compromising security.

## FEATURES & BENEFITS

- Run virtual appliances on your virtual environment
- Leading UTM/NGFW features and services in virtual infrastructure
- WatchGuard Dimension™, a public and private cloud-ready visibility solution, instantly turns raw data into security intelligence – included with purchase
- Easy to download, enable, deploy, and manage (centralized console, web UI, CLI)
- Leverages vSphere and Hyper-V flexibility and availability
- Multiple models for organizations of all sizes
- WatchGuard's innovative HTML5 Access Portal provides a secure single sign-on (SSO) experience over TLS 1.2.
- Per-customer, -department, or -app deployment

Model Name	CPU Core Limit	User Count	TDR Host Sensors	Firewall (Gbps)	VPN (Gbps)	BOVPN Tunnels	VLANs
Small	2	50	50	2	0.4	50	50
Medium	4	250	250	4	1.5	600	300
Large	8	750	250	8	3	6,000	750
XLarge	16	1,500	250	Unrestricted	Unrestricted	10,000	1,500

**SECURITY FEATURES**

Firewall	Stateful packet inspection, deep packet inspection, proxy firewall
Application proxies	HTTP, HTTPS, FTP, DNS, TCP/UDP, POP3, SMTP, IMAPS, and Explicit Proxy
Threat protection	DoS attacks, fragmented packets, blended threats and more
Filtering options	Browser Safe Search, YouTube for Schools, Google for Business
Security subscriptions	APT Blocker, IPS, Gateway AV, WebBlocker, App Control, Data Loss Prevention, Reputation Enabled Defense, spamBlocker, Network Discovery, Threat Detection and Response, Access Portal

**MANAGEMENT**

Logging and notifications	WatchGuard, Syslog, SNMP v2/v3
User interfaces	Web UI, scriptable CLI
Reporting	WatchGuard Dimension includes over 100 pre-defined reports, executive summary and visibility tools

**STANDARD NETWORKING**

Hypervisor Support	<ul style="list-style-type: none"> <li>VMware ESXi 5.5, 6.0, or 6.5</li> <li>Windows Server 2008 R2, 2012 R2, 2016 (Hyper-V)</li> </ul>
QoS	8 priority queues, DiffServ, modified strict queuing
IP address assignment	DHCP (client)
NAT	Static, dynamic, 1:1, IPSec traversal
Other features	Static routing, port Independence

**VPN & AUTHENTICATION**

Encryption	DES, 3DES, AES 128-, 192-, 256-bit
IPSec	SHA-2, IKE pre-shared key, 3rd party cert, IKEv1/v2
Single sign-on	Windows, Mac OS X, mobile operating systems, RADIUS, SAML 2.0
Authentication	RADIUS, LDAP, Windows Active Directory, RSA SecurID, internal database, SAML 2.0

**STRONG SECURITY AT EVERY LAYER**

Uniquely architected to be the industry's smartest, fastest, and most effective network security products, WatchGuard solutions deliver in-depth defenses against advanced malware, ransomware, botnets, trojans, viruses, drive-by downloads, data loss, phishing and much more.

Features & Services	TOTAL SECURITY SUITE	Basic Security Suite
Intrusion Prevention Service (IPS)	✓	✓
App Control	✓	✓
WebBlocker	✓	✓
spamBlocker	✓	✓
Gateway AntiVirus	✓	✓
Reputation Enabled Defense (RED)	✓	✓
Network Discovery	✓	✓
APT Blocker	✓	
Data Loss Protection (DLP)	✓	
Threat Detection & Response	✓	
DNSWatch™	✓	
Access Portal	✓	
Dimension Command	✓	
Support	Gold (24x7)	Standard (24x7)

**MULTIPLE PURCHASE OPTIONS**

The flexibility of WatchGuard's integrated platform makes it easy to have exactly the security components your business network requires. Whether you choose to start with the security basics or deploy a comprehensive arsenal of network defenses, we have bundled security services to match your requirements.

**EXPERT GUIDANCE AND SUPPORT**

An initial Support subscription comes with every FireboxV model. Standard Support, which is included in the Basic Security Suite, provides 24 x 7 technical support and software updates. An upgrade to Gold level support is included in WatchGuard's Total Security Suite.

For details, talk to your authorized WatchGuard reseller or visit [www.watchguard.com](http://www.watchguard.com).