

ProSECURE[®] Unified Threat Management Firewall

Data Sheet

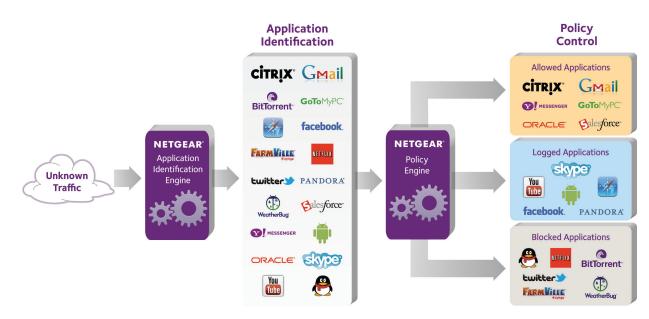
Unified Gateway Security for Smart IT Networks —Without Compromise



The NETGEAR* ProSECURE* UTM series of all-in-one next-generation firewalls combine an advanced application firewall with best-of-breed enterprise-strength security technologies such as anti-virus, anti-spam, Web filtering, and intrusion prevention (IPS) to protect businesses against today's application, Web, email, and network threats. This gives business owners and IT admins greater visibility and control over their network and protects their businesses from threats that would otherwise bypass traditional firewalls.

Redefining the Firewall

Traditional firewalls can only block/accept traffic based on IP addresses and ports. This approach is quickly becoming obsolete in today's Internet where many applications send/receive traffic over ports that are typically allowed by traditional firewalls. The built-in application firewall of the ProSECURE UTM overcomes the limitations of yesterday's firewall and allows the UTM to monitor, control, and block hundreds of applications such as Skype, Facebook, BitTorrent®, and Yahoo! Messenger; helping enhance employee productivity and enforce network usage policies. The UTM application firewall combined with an array of advanced network security technologies form the ideal firewall for today's businesses.



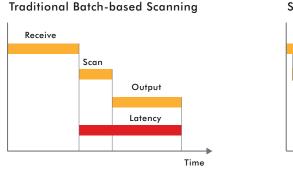
Advanced Cloud-based Virus Protection

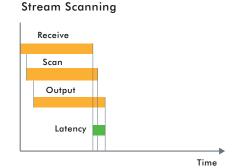
ProSECURE UTM firewalls feature a next-generation cloud-based anti-virus engine with dual layer virus protection. It uses up-to-date information from a global network of threat analysis centers along with the power of cloud look-ups and delivers effective protection against threats for multiple types of traffic with minimal impact on system resources. With over 45 million signatures in the cloud, this virus engine will allow the UTM to scale with today's exponentially increasing virus and malware threats.



Revolutionary Stream Scanning Platform

Protecting latency sensitive Web traffic has often been a very difficult task using traditional anti-virus scanning methods and can slow network traffic to a crawl. ProSECURE UTMs feature patented Stream Scanning which analyses data streams as they enter the network. This significantly reduces latency and in conjunction with a cloud-based anti-virus engine with over 45 million signatures, offers an unprecedented combination of speed and coverage.





Simple Setup, Ease of Management

The ProSECURE UTM will easily replace any existing firewall or router. A simple 10-step setup wizard guides you through installation and the UTM will be up and running in minutes. Administration is performed through an intuitive Web-based interface. Set granular policies and alerts, check summary statistics and graphical reports, drill down to IP address-level data, and integrate log data with standard network management tools using SNMP. Malware and IPS signature, software, and firmware updates are all handled by the UTM – online and automatically.

ProSECURE UTM Features and Highlights

Advanced Application Control Firewall

- Monitors and controls up to 1200 applications
- Granular per-application policies
- Preserve productivity and save bandwidth

Next-gen Cloud-based Anti-virus

- Revolutionary dual layer cloud-based virus protection
- Scales with exponentially growing malware threats with over 45 million malware signatures
- Blocks known malware sites

Patented Stream Scanning*

- Data streams are processed as they enter the network
- Low latency Web traffic scanning

Distributed Spam Analysis Anti-spam

- Cloud-based spam detection
- Gathers threat data from over 50 million global sources
- New spam is classified and detected within minutes

Distributed Web Analysis URL Filtering

- Hybrid in-the-cloud architecture
- Hundreds of millions of categorized URLs
- Real-time classification, 64 categories
- Per User & Group filtering policies

Virtually Limitless Logging, Reporting and Quarantine Capability

- Integrate and store logs on NETGEAR ReadyNAS with UTM app
- Up to 4.6 GB of log storage space
- Conduct security forensics and reporting years in arrears

SSL & IPsec VPN Remote Access

- SSL VPN clientless remote access, anywhere, anytime
- IPsec VPN secure site-to-site tunnels and software client-based remote access
- SSL VPN no additional licenses to purchase
- IPsec VPN works with NETGEAR VPN
 Professional Client

Built-in Intrusion Prevention

- Signature based network threat detection
- Prevents hackers from penetrating the network perimeter
- Optimized for high throughput



UTM Series Comparison

MODEL	UTM5	UTM10	UTM25	UTM50	UTM150
SIZING GUIDELINES					
Firewall Throughput ¹	500 Mbps	566 Mbps	700 Mbps	980 Mbps	980 Mbps
Application Firewall Throughput ¹	400 Mbps	450 Mbps	630 Mbps	905 Mbps	940 Mbps
Anti-virus Throughput ¹	20 Mbps	23 Mbps	25 Mbps	42 Mbps	110 Mbps
IPS Throughput ¹	130 Mbps	150 Mbps	200 Mbps	320 Mbps	620 Mbps
UTM Throughput ¹ (HTTP Traffic)	13 Mbps	15 Mbps	22 Mbps	32 Mbps	82 Mbps
UTM Throughput ¹ (non-HTTP Traffic, e.g. P2P, DNS, SSH)	130 Mbps	150 Mbps	200 Mbps	320 Mbps	620 Mbps
Maximum VPN Throughput ¹	80 Mbps	80 Mbps	85 Mbps	85 Mbps	586 Mbps
Maximum Concurrent Connections ¹	12,000	16,000	40,000	40,000	80,000
802.1q VLANs	255	255	255	255	255
CONTENT SECURITY					
Web and Email Scanned Protocols		HTTP, HTTPS, FTP,	SMTP, IMAP, POP3, SM	MTPS, POP3S, IMAPS	
Stream Scanning	0		0	0	
Inbound and Outbound Inspection	0	0	0	0	
Signature–Less Zero Hour Protection	0	0	D	D	
Malware Signatures	45 Million	45 Million	45 Million	45 Million	45 Million
Web Content Filters	Filter By: HTTPS Smart Block, HTML Body Keywords, File Extension				
Web Object Filters	ActiveX, Java [™] , Flash, JavaScript [™] , Proxy, Cookies				
Email Content Filters	Filter By: Subject Keywords, Password-protected Attachments, File Extension, File Name				
Distributed Spam Analysis	0	0	0	0	
Distributed Spam Analysis Supported Protocols	SMTP, POP3, SMTPS. POP3S				
Anti-spam Real-time Blacklist (RBL)			٥		
User-defined Spam Allowed/Block Lists	Filter By: Sender Email Address, Domain, IP Address, Recipient Email Address, Domain				Domain
Distributed Web Analysis w/ 64 categories					
Maximum Number of Users	Unlimited				
Safe Search Enforcement	Google, Yahoo, Bing				
FIREWALL & NETWORKING					
Stateful Packet Inspection (SPI)	Port/Service Blocking, Denial-of-service (DoS) Prevention, Stealth Mode, Block TCP Flood, Block UDP Flood, WAN/LAN Ping Response Control				
Application Firewall	Global Mode, Policy Mode, SSL Decryption, Granular Application Policies, Application Session Monitoring, Application Dashboard				
Applications Protected	332	332	1212	1212	1212
Intrusion Detection & Prevention (IPS)					
IPS Signatures	619	619	2114	2114	2114
WAN Modes	NAT, Classical Routing				
ISP Address Assignment	DHCP, Static IP Assignment, PPPoE, PPTP				
Secondary WAN IP Addresses ²	16	16	32	32	64



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NAT Modes	1-1 NAT, PAT					
Routing	Static, Dynamic, RIPv1, RIPv2					
VoIP	SIP ALG					
DDNS	DynDNS.org, TZO.com, Oray.net, 3322 DDNS					
Firewall Functions	Port Range Forwarding, Port Triggering, DNS proxy, MAC Address Cloning/spoofing, Network Time Protocol NTP Support, Diagnostic Tools (ping, DNS lookup, trace route, other), Auto-Uplink on Switch Ports, L3 Quality of Service (QoS) ,LAN-to-WAN and WAN-to-LAN, VLAN-to-VLAN					
DHCP			DHCP Server, DHCP Re	elay		
User Authentication for VPN		Active Direc	tory, LDAP, Radius, Loca	al User Database		
Security Policies Based on Active Directory with Single Sign-On (SSO)						
PCI Compliance Two Factor Authentication Support						
VPN						
Site to Site VPN Tunnels	5	10	25	50	150	
SSL VPN Tunnels	2	5	14	25	75	
L2TP, PPTP, VPN Tunnels	5	5	5	5	5	
IPsec Encrypton/Authentication	DES, 3DES, AES(128,192,256 bit)/SHA-1, MD5					
Key Exchange	IKE, Manual Key, Pre-Shared Key, PKI, X.500					
IPsec NAT Traversal (VPN Passthrough)						
iPhone Native VPN Client Support	۵		0	0		
Included ProSAFE VPN Client Lite Licenses	0	1	1	3	3	
SSL Version Support	SSLv3, TLS1.0					
SSL Encryption Support	DES, 3DES, ARC4, AES(128,256 bit)					
SSL Message Integrity	MD5, SHA-1, MAC-MD5/SHA-1, HMAC-MD5/SHA-1					
SSL Certificate Support	RSA, Diffie-Hellman, Self (Key Lengths 512-bit, 1024-bit, 2048-bit)					
SSL VPN Platforms Supported	Windows 2000 / XP / Vista® (32bit), Windows 7 (32 and 64bit), Mac OS® X 10.4.x/10.6.x					
DEPLOYMENT						
802.1q VLAN Support	۵		٥	۵		
Multi-WAN Failover			۵	۵		
Intelligent Traffic Load Balancing			٥		۵	
Configuration Wizards	Setup, IPsec VPN, SSL VPN					
Electronic License						



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LOGGING AND REPORTING	'		'				
Management		HTTP/HTTPS, SNMP v2c					
Reporting	Su	Summary Statistics, Graphical Reporting, Automatic Outbreak Alerts, Automatic Malware Notifications, System Notifications					
Logging	Traffic, Malwa	Traffic, Malware, Spam, Content Filter, Email Filter, System, Service, IPS, Application, Port Scan, IM, P2P, Firewall, IPsec VPN, SSL VPN					
Log Delivery		Management GUI Query, Email Delivery, Syslog					
HARDWARE							
Gigabit RJ45 Ports WAN/LAN	1/4	1/4	2/4	2/6	4/4		
DMZ Interfaces (Configurable)	1	1	1	1	1		
Flash Memory/RAM	2 GB/512 MB	2 GB/512 MB	2 GB/1 GB	2 GB/1 GB	2 GB/1 GB		
USB Ports	1	1	1	1	1		
Major Regulatory Compliance	FCC Part 1	FCC Part 15 Class A, CE mark commercial, VCCI, C-Tick Class A, CE/LVD, cUL, RoHS, China RoHS					
Storage and Operating Temperatures		Operating Temperature 0°−45° C (32°−113° F), Storage Temperature −20°−70° C (−4°−158° F)					
Humidity		Operation 90% Maximum Relative, Storage 95% Maximum Relative					
Power Input Rating	100-240V, AC/	100-240V, AC/50-60Hz, Universal Input, 1.2 Amp Max			100-240V, AC/50-60Hz, Universal Input, 1.0 Amp Max		
Dimensions (W x H x D) cm	33 x 4.3 x 20.9	33 x 4.3 x 20.9	33 x 4.3 x 20.9	44 x 4.3 x 25.3	44 x 4.3 x 25.3		
Dimensions (W x H x D) in	13 x 1.7 x 8.2	13 x 1.7 x 8.2	13 x 1.7 x 8.2	17.3 x 1.7 x 9.96	17.3 x 1.7 x 9.96		
Weight kg/lb	2.1/ 4.6	2.1/ 4.6	2.1/4.6	2.9/6.4	2.9/6.4		
Package Contents	Rackmou	ProSECURE UTM Firewall, Power Cable, Rubber Feet, Resource CD, Rackmount Kit, Warranty Card, Quick Installation Guide, Electronic License (Bundles Only) ³					
Hardware Warranty	Lifetime						

Ordering Information

Hardware (Firewall and VPN Functionality Only)					
North America	Europe	Asia			
UTM5-100NAS	UTM5-100EUS	UTM5-100AJS			
UTM10-100NAS	UTM10-100EUS	UTM10-100AJS			
UTM25-100NAS	UTM25-100EUS	UTM25-100AJS			
UTM50-100NAS	UTM50-100EUS	UTM50-100AJS			
UTM150-100NAS	UTM150-100EUS	UTM150-100AJS			



ProSECURE[®] Unified Threat Management Firewall

Ordering Information

1-Year Bundle (Hardware including 1-year Web, 1-year Email, and 1-year Software Maintenance and Upgrades, 24/7 Support, and Advanced Replacement)						
North America		Europe		Asia		
UTM5EW-100NAS UTM5EW-100EUS			UTM5EW-100AJS			
UTM10EW-100NAS	00NAS UTM10EW-100EUS		UTM10E\			
UTM25EW-100NAS		UTM25EW-100EUS	UTM25EW-		-100AJS	
UTM50EW-100NAS		UTM50EW-100EUS		UTM50EW-	-100AJS	
UTM150EW-100NAS		UTM150EW-100EUS		UTM150EV	V-100AJS	
1-Year Subscriptions						
Web Threat Management	Email Thr	eat Management	Software Maintenance and Upgrades, 24/7 Support, Advanced Replacement		Subscription Bundle (Web + Email + Support & Maintenance)	
UTM5W-10000S	UTM5E-1	0000S	UTM5M-10000S		UTM5B-10000S	
UTM10W-10000S	UTM10E-	10000S	UTM10M-10000S		UTM10B-10000S	
UTM25W-10000S	UTM25E-	100005	UTM25M-10000S		UTM25B-10000S	
UTM50W-10000S	UTM50E-	100005	UTM50M-10000S		UTM50B-10000S	
UTM150W-10000S	UTM150E	-10000S	UTM150M-10000S		UTM150B-10000S	

*U.S. Patent No. 7,971,254

¹Throughput measured in a lab environment. Actual performance may vary.

²Maximum 16 secondary WAN IP addresses per WAN port.

³Electronic Licenses are now used to register UTMs that are purchased as part of a bundle. A license key will be assigned to the UTM at the time it is registered with NETGEAR License servers.

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This product comes with a limited warranty, the acceptance of which is a condition of sale.