

### Enterprise-strength Spam, Virus, and Web Filter Security



The ProSecure STM series of Web and email security appliances combine best-of-breed security technologies and patented\* Stream Scanning Technology to protect businesses against today's Web and email threats. Viruses and spyware hosted on Web pages, email phishing attacks, spam, malware infected emails, and other threats are now all part of a regular repertoire of sophisticated blended attacks that businesses now face.

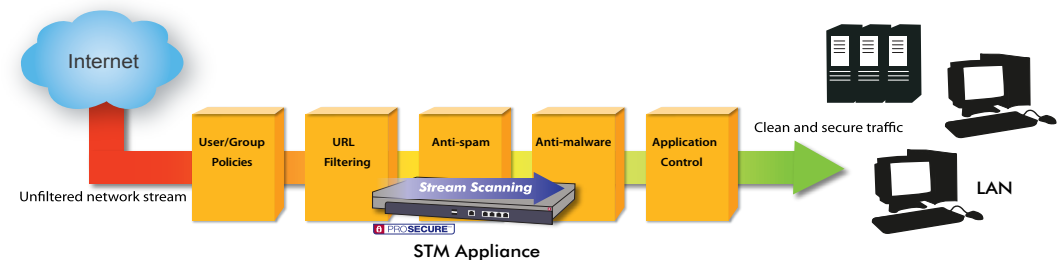
While other solutions significantly dilute the efficacy of their offering by either utilizing open source or cutting essential features and services from their enterprise products to cut costs, ProSecure has partnered with industry-leading Kaspersky Lab and Commtouch® to bring best-of-breed enterprise-strength Web and email security technologies to the STM platform.

### Web and Email Security - Redefined

ProSecure STM Appliances combine performance with comprehensive security coverage. Patented Stream Scanning Technology enables the use of an extensive virus and malware database while maintaining a high level of throughput and minimizing scanning-induced latency. The flexible modular software design architecture leverages patented Stream Scanning Technology to scan files and data streams up to 5x faster than conventional methods.

The ProSecure STM employs millions of signatures to protect against known malware threats, and advanced behavioral zero-hour protection technology to proactively discover and block any suspected threats that have not yet been identified. The ProSecure STM utilizes a hybrid in-the-cloud Distributed Spam/Web Analysis architecture that shields networks from spam, phishing attacks, malicious Web sites, unwanted content, and other Web and email-borne threats. The STM's application control feature allows businesses to enforce company network usage policies and preserve productivity by blocking access to public instant messaging and peer-to-peer applications.

With ProSecure STM, subscriptions are simple with no per-user licensing. ProSecure Web and Email subscriptions each contain comprehensive protection for an unlimited number of users.



### Revolutionary Stream Scanning Platform

Given the high performance requirements of scanning latency sensitive Web traffic, incorporating enterprise-grade security software technologies into traditional content security platforms has been a very difficult task. That is why the ProSecure STM features patented Stream Scanning Technology which analyzes data streams as they enter the network. The ProSecure Stream Scanning approach is many times faster than that of traditional batch-based scanning methods in which the entire file is buffered before it is scanned.

Because of its nature, traditional batch-based scanning methods introduce latency to network traffic. While latency is more tolerable for email traffic, for large amounts of HTTP Web traffic, such latency often slows Web browsing to a crawl. Content security solutions in the past have

### The ProSecure STM Features and Highlights

- **Best-of-breed Anti-malware Engine**
  - Enterprise-class malware scan engine from Kaspersky Lab
  - Over 3 million malware signatures
  - Hourly automatic signature updates
  - ICSA Labs certified
- **ProSecure Patented\* Stream Scanning Technology**
  - Data streams are processed as they enter the network
  - Low latency Web traffic scanning
- **Distributed Spam Analysis Anti-spam Technology**
  - Hybrid in-the-cloud architecture
  - Gathers threat data from over 50 million global sources
  - New spam is classified and detected within minutes
  - No learning period, works right out of the box
  - Minimal false positives
  - Highly adaptive to all types of spam
- **Distributed Web Analysis URL Filtering**
  - Next generation hybrid in-the-cloud URL filtering technology
  - Hundreds of millions of categorized URLs
  - New Web sites are categorized in real-time
  - 64 categories
  - User- and group-based filtering



**• Zero Hour Threat Protection**

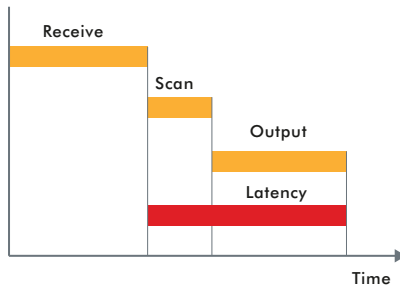
- Heuristic-based detection
- Detect unknown threats at zero hour
- Limits the network's exposure to new unclassified threats

**• IM and P2P, Streaming Media, and Toolbar Application Control**

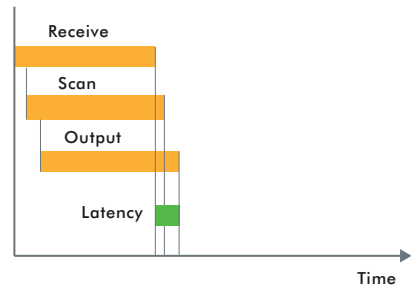
- Blocks access to public IM clients
- Blocks peer-to-peer (P2P) traffic
- Blocks streaming media application traffic
- Blocks toolbars and other unwanted programs
- Preserves productivity and saves bandwidth

tried to overcome the latency issue by minimizing the malware signature set, scanning only a handful of file types, or by avoiding Web traffic scanning altogether. This approach exposes an entire vector of the network to malware-based attacks.

Traditional Batch-based Scanning



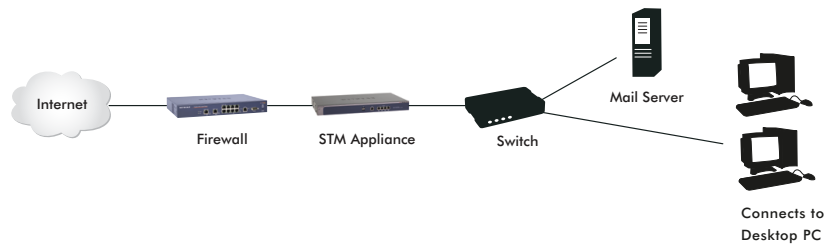
Stream Scanning



**Simple Setup, Ease of Management**

The ProSecure STM deploys in-line in a matter of minutes, anywhere in the network. It runs automatically and unobtrusively. There is no need to reconfigure the network, unlike traditional proxy-based solutions. Simply set and forget. Administration is performed through an intuitive Web-based interface. Set granular per user/group-based policies and alerts, check summary statistics and graphical reports, drill down to IP address-level data, send log data to third party syslog servers, and integrate with standard network management tools via SNMP.

For many administrators and IT personnel one of their biggest nightmares is the management of individual licenses or "seats". Buying additional licenses when computers and personnel are added to the network is time consuming and costly. The ProSecure STM series offers Web and email protection subscriptions **with no "per-user" licensing**.



**STM SERIES COMPARISON**

MODEL	STM150	STM300	STM600
<b>SIZING GUIDELINES</b>			
Recommended Number of Concurrent Users	Up to 150	Up to 300	Up to 600
Concurrently Scanned HTTP Connections	1000	2000	4000
HTTP Anti-virus Throughput <sup>1</sup>	42 Mbps	163 Mbps	260 Mbps
SMTP Throughput <sup>1</sup> (emails/hour)	139,000	420,000	960,000
<b>CONTENT SECURITY</b>			
Web (HTTP, HTTPS, FTP)	●	●	●
Email (SMTP, POP3, IMAP)	●	●	●
Stream Scanning	●	●	●
Inbound and Outbound Inspection	●	●	●
Signature-Less Zero Hour Protection	●	●	●
Malware Signatures	3 Million+	3 Million+	3 Million+
Automatic Signature Updates	Hourly	Hourly	Hourly

MODEL	STM150	STM300	STM600
True HTTPS Scanning and Filtering	●	●	●
Web Content Filters	Filter By: File Extension		
Web Object Filters	ActiveX, Java, Flash, Javascript		
Email Content Filters	Filter By: Subject Keywords, Password-Protected Attachments, File Extension, File Name		
Distributed Spam Analysis	●	●	●
Distributed Spam Analysis Supported Protocols	SMTP, POP3		
Anti-spam Real-time Blacklist (RBL)	●	●	●
User-defined Spam Allowed/Block Lists	Filter by: Sender Email Address, Domain, IP Address, Recipient Sender Email Address, Domain		
Distributed Web Analysis w/64 categories	●	●	●
Instant Messaging (IM) Control	MSN Messenger, Yahoo Messenger, mIRC, Google Talk, QQ, ICQ		
Peer to Peer (P2P) Control	BitTorrent, eDonkey, Gnutella		
Media Application Control	iTunes (Music Store, update), Quicktime (Update), Real Player (Guide), Rhapsody (Guide, Music Store), Winamp (Internet Radio/TV)		
Software Tool Control	Alexa Toolbar, GoToMyPC, Weatherbug, Yahoo Toolbar		
Maximum Number of Users	Unlimited		
User Authentication	Active Directory, LDAP, Radius, Local User Database		
Content Filtering Policies	User, Group, IP Address, Subnet		
<b>DEPLOYMENT</b>			
VLAN Support	●	●	●
<b>LOGGING AND REPORTING</b>			
Management	HTTP/HTTPS, SNMP v2c		
Reporting	Summary Statistics, Graphical Reporting, Automatic Outbreak Alerts, Automatic Malware Notifications, System Notifications		
Logging	Traffic, Malware, Spam, Content Filter, Email Filter, System, Application		
Log Delivery	Management GUI Query, Email Delivery, Syslog		
<b>HARDWARE</b>			
Total Gigabit RJ45 Ports	5	3	5
Gigabit RJ45 Ports with Failure Bypass	0	2	4
Dedicated Management VLAN Ports RJ45	0	1	1
Administration Console Port	RS232	RS232	RS232
Form Factor	1U	1U	1U
Major Regulatory Compliance	FCC Part 15 Class A, CE mark commercial, VCCI Class A, RoHS, UL listed, C-Tick		
Storage and Operating Temperatures	Operating Temperature 0°- 40°C (32°-104°F), Storage Temperature - 20°- 70° C (-4°-158°F)		
Operating Humidity	5% to 95% RH		
Electrical Specifications	100-240V, AC/50-60 Hz, Universal Input, 1.5 Amp Max		
Dimensions (W x H x D) cm	44 x 4.35 x 25.8	42.6 x 4.44 x 50	42.6 x 4.44 x 50
Dimensions (W x H x D) in	17.3 x 1.7 x 10.2	16.8 x 1.75 x 19.7	16.8 x 1.75 x 19.7
Weight	3.68 kg/ 8.1 lb	8.2 kg/ 18.1 lb	8.2 kg/ 18.1 lb
Package Contents	ProSecure Appliance (STM150, STM300, or STM600), Ethernet Cable, Power Cable, Rubber Feet, Warranty Card, Quick Installation Guide, End User License Agreement, CE Document, GPL Notice, Subscription Card (Bundles Only)		
Hardware Warranty	2 Years		

**ORDERING INFORMATION**

1-Year Bundle (Hardware including 1-year Web, 1-year Email, and 1-year Software Maintenance & Upgrades, 24/7 Support, and Advanced Replacement)

<b>North America</b>	<b>Europe</b>	<b>Asia</b>
STM150EW-100NAS	STM150EW-100EUS	STM150EW-100AJS
STM300EW-100NAS	STM300EW-100EUS	STM300EW-100AJS
STM600EW-100NAS	STM600EW-100EUS	STM600EW-100AJS

3-Year Bundle (Hardware including 3-year Web, 3-year Email, and 3-year Software Maintenance & Upgrades, 24/7 Support, and Advanced Replacement)

<b>North America</b>	<b>Europe</b>	<b>Asia</b>
STM150EW3-100NAS	STM150EW3-100EUS	STM150EW3-100AJS
STM300EW3-100NAS	STM300EW3-100EUS	STM300EW3-100AJS
STM600EW3-100NAS	STM600EW3-100EUS	STM600EW3-100AJS

1-Year Subscriptions

**Subscription Bundle (Web + Email + Support & Maintenance)**

STM150B-10000S

STM300B-10000S

STM600B-10000S

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

<sup>1</sup>Throughput measured in a lab environment. Actual performance may vary.

# NETGEAR®

350 E Plumeria Dr  
San Jose, CA 95134 USA  
1-888-NETGEAR (638-4327)  
E-mail: info@NETGEAR.com  
www.NETGEAR.com

© 2011 NETGEAR, Inc. NETGEAR, the NETGEAR Logo, NETGEAR Digital Entertainer Logo, Connect with Innovation, FrontView, IntelliFi, PowerShift, ProSafe, ProSecure, RAIDar, RAIDiator, RangeMax, ReadyNAS, Smart Wizard, X-RAID, and X-RAID2, are trademarks and/or registered trademarks of NETGEAR, Inc. and/or subsidiaries in the United States and/or other countries. Mac and the Mac logo are trademarks of Apple Inc., registered in the U.S. and other countries. Other brand names mentioned herein are for identification purposes only and may be trademarks of their respective holder(s). Information is subject to change without notice. All rights reserved.

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