

# Barracuda Email Security Gateway Vx

Complete Protection from Email-Borne Threats



Virtual solutions are ideal for IT professionals who are looking for consolidation and cost savings. The Barracuda Email Security Gateway Vx is **a comprehensive email security solution that blocks email-borne attacks**, while also providing the extra features needed to ensure business continuity.

#### ✓ Security

- Data Protection
- Application Delivery

## The Barracuda Advantage

- Cloud Protection Layer providing:
  - Email spooling up to 96 hours
  - Inbound email filtering
- Barracuda Real-Time Protection
- Outbound email filtering for DLP
- Cloud-based encryption included free of charge
- Configuration backup to the cloud
- Preconfigured for quick deployment
- No per-user or per-server fees

## Product Spotlight

- Industry-leading spam and virus defense for email
- Protection from data loss and reputation damage
- Advanced Threat Protection\* to protect against ransomware and other advanced threats
- Advanced, granular policy management



### Comprehensive Protection for the Long Term

The Barracuda Email Security Gateway Vx includes spam and virus blocking, data protection, email continuity, DoS prevention, encryption, and policy management—combined to deliver a complete solution. As new requirements emerge, it is automatically updated with new capabilities to ensure continuous protection.



### Complete Email Threat Protection

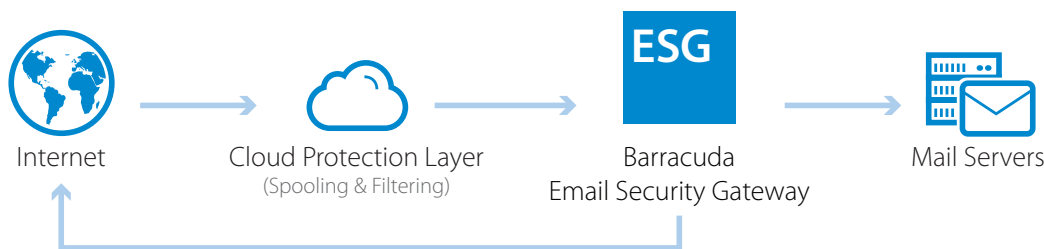
The Barracuda Email Security Gateway provides multi-layer security, email continuity, and data leakage prevention. Advanced Threat Protection\* combines behavioral, heuristic, and sandboxing technologies to protect against zero-hour, targeted attacks and ransomware.



### Easy to Use

Fast, easy set-up and simple, intuitive management keep time and resource needs low. The integration of the Barracuda Cloud Protection Layer and no per-user fees make it easy and very easy to scale capacity as your business grows.

## Barracuda Cloud Protection Layer filters and spools inbound email traffic.



*Virus and inbound/outbound filtering at an affordable price. If it wasn't for the Barracuda Email Security Gateway, we most likely wouldn't be filtering at all, due to the high costs of other vendors' per-user pricing structures.*

*Shane Henszey  
IT Manager  
U.S. Vision, Inc.*

## Technical Specs

### Comprehensive Protection

- Spam and virus filtering
- Prevents spoofing, phishing, and malware
- Denial of Service (DoS/DDoS) protection
- Directory harvest protection
- Outbound email filtering

### DLP & Reputation Loss

- Maintain compliance
- Prevents reputation loss and blacklisting
- Pre-defined filters (e.g., HIPAA, credit card, and U.S. Social Security Numbers)

### Advanced Policy Control

- IP and content-based filtering
- Bulk email categorization
- Content encryption
- Sender/recipient filtering
- RBL and DNSBL support
- Keyword blocking
- Character-set blocking
- Reverse DNS blocking
- URL pattern and category blocking
- TLS encryption policy
- Secondary authentication

### Sender Authentication

- SPF and DomainKeys
- Emailreg.org
- Invalid bounce suppression

### Spam Filter

- Rate control
- IP reputation analysis
- Fingerprint and image analysis
- Rules-based scoring algorithms

### Virus Filter

- Triple-layer virus blocking
- Integrated Exchange AV Agent
- Decompression of archives
- File type blocking
- Barracuda Antivirus Supercomputing Grid
- Advanced Threat Protection\* to protect against ransomware, zero hour and targeted attacks.

## System Features

### Administrators

- Web-based interface
- User account administration
- Reports, graphs, and statistics
- LDAP interface
- Multiple domain support
- Secure remote administration
- Delegated domain administration
- Delegated help desk role
- Email spooling
- Configure backup to cloud

### End Users

- User-based filtering
- Individual spam scoring
- Personal allow and block lists
- End-user quarantine and digest emails
- Outlook
- Bayesian analysis

## Deployment Options

### Virtual Appliance

- Hardened OS
- Seven models to choose from
- Common Hypervisor Support including VMware, Microsoft Hyper-V, KVM, and XenServer

## Support Options

### Total Protection Plus

- Standard technical support
- Advanced Threat Protection
- Hourly spam definition updates
- Barracuda Reputation Databases
- Fingerprint and intent analysis definitions
- Hourly virus definition updates

MODEL COMPARISON	100	300	400	600	800	900
<b>FEATURES</b>						
Active email users	1-50 <sup>1</sup>	Up to 1,000	Up to 5,000	Up to 10,000	Up to 22,000	Up to 30,000
Number of CPU Cores Allowed	1	2	4	6	12	24
Outbound Filtering	•	•	•	•	•	•
Cloud Protection Layer <sup>2</sup>	•	•	•	•	•	•
Email Encryption	•	•	•	•	•	•
Advanced Threat Protection*	•	•	•	•	•	•
MS Exchange/LDAP Accelerator		•	•	•	•	•
Per User Settings & Quarantine		•	•	•	•	•
Delegated Help Desk Role		•	•	•	•	•
Syslog Support		•	•	•	•	•
Clustering & Remote Clustering			•	•	•	•
Per Domain Settings			•	•	•	•
Single Sign-on			•	•	•	•
SNMP/API			•	•	•	•
Customizable Branding				•	•	•
Per User Score Settings				•	•	•
Delegated Domain Administration				•	•	•

<sup>1</sup> Limited to providing antispam and antivirus protection for up to 50 email addresses.

<sup>2</sup> Available with Advanced Threat Protection only.