Barracuda **Essentials for Email Security**

Comprehensive Security and Data Protection for Email

☑ **Security**
☑ **Storage**
☐ Application Delivery

Today's IT professionals need an easy-to-manage and comprehensive email security and compliance solution. Barracuda Essentials for Email Security provides cloud-based advanced targeted attack protection, email continuity, encryption and data leakage protection, and archiving at an affordable price — no additional hardware or software required.

The Barracuda Advantage

- Real-time detection for dynamic threat analysis with 24x7 updates and protection
- Link protection deters targeted phishing and spear phishing attacks
- Outlook plug-ins and mobile apps for easy user access
- 100% cloud-based: No hardware or software required
- Centralized cloud-based management console
- Backed by Barracuda Central, with over 170,000 active sites reporting threat intelligence across all potential vectors

Product Spotlight

- Delivered in SaaS model
- Cloud-based email security with ATD, encryption, and DLP
- Advanced Threat Detection to protect against targeted attacks
- Cloud-based archiving for compliance and eDiscovery
- PST Management for efficiency and control*

Comprehensive Email Threat Protection

Today's IT professionals need an easy-to-manage email security solution that protects against phishing, malware, and ransomware. Along with multi-layer email security, the Barracuda Email Security Service provides email continuity and data leakage prevention.

Advanced Threat Detection (ATD) combines behavioral, heuristic, and sandboxing technologies to protect against zero hour, targeted attacks and ransomware variants including Locky and CryptoLocker. ATD automatically scans email attachments in real-time; suspicious attachments are detonated in a sandbox environment to observe behavior. Link protection redirects suspicious and typosquatted URLs so malware is never inadvertently downloaded by recipients.

Archiving for Compliance

Barracuda Cloud Email Archiving Service integrates with Exchange and cloud-based email services like Google Apps to create a cloud based, indexed archive. It allows granular retention policies, extensive search, auditing/ permissions, legal hold, and export helping to facilitate eDiscovery and retention.

Litigation holds preserve email from being tampered with until the litigation hold expires or is removed. Native and mobile apps provide intuitive interfaces that simplify search to ensure messages are found easily, even when email services are unavailable.

Business Continuity

Barracuda Email Continuity ensures that email can still be delivered during email outages or loss of connectivity. Email operations continue by failing over to a cloud-based email service in the event primary email services become unavailable. During email server outages, an emergency mailbox allows users to continue sending, receiving, reading, and responding to email.

Key Features

✉ Email Security

- Cloud-based protection against:
  - Spam
  - Email-borne viruses (inbound and outbound)
  - Email-based malware
  - Phishing emails
  - Undelivered emails
  - Unsecured emails
  - Denial-of-Service attacks
- Advanced Threat Detection using full-system emulation sandbox
- Agentless email encryption
- Link and URL protection against typosquatting
- Integrated end-user training and exercises to help idendify advanced threats.

Web-based Management

- Managed via Barracuda Cloud Control
- Convenient configuration and management
- Web-based management portal
- LDAP and multi-factor authentication
- Centrally manage security policies
- Access reports from any location
- Mobile applications
- Mixed-mode for managing existing Barracuda products

📁 Archiving

- Archive directly from Exchange and cloud-based email services like Google Apps to cloud-based archive
- PST management for legacy email
- Granular retention policies
- Native and mobile apps for easy access
- Full text search with multiple operators
- Legal hold

📄 PST Management

- Locates PST files wherever they exist
- Determines ownership intelligently based on content
- Discovers all PST files regardless of location and state
- Zero footprint client minimizes impact on end users
- Parallel processing avoids throttling and improves performance
- Minimizes network impact by migration directly to archive
- Selective processing migrates only data that is needed

↻ Continuity

- Failover to cloud-based email service to continue operations
- Provides email continuity for up to 96 hours
- Emergency mailbox allows users to send, receive, read, and respond to email

🛡 Secure Cloud Data Centers

- AES 256-bit encryption at rest and in transit
- Public key cryptography (RSA 1024)
- Isolated customer metadata databases
- Redundant storage (geographic or within colo)
- Data stored in-country (based on colo)
- Tier 3 & 4 data centers
- SSAE 16 or SOC audited data centers

EMAIL SECURITY	ADVANCED EMAIL SECURITY	ADVANCED EMAIL SECURITY AND COMPLIANCE
Email Security Service	Email Security Service	Email Security Service
Data Loss Prevention	Data Loss Prevention	Data Loss Prevention
Encryption	Encryption	Encryption
	Advanced Threat Detection	Advanced Threat Detection
		Cloud Archiving Service
		PST Management*

*90 day version only.