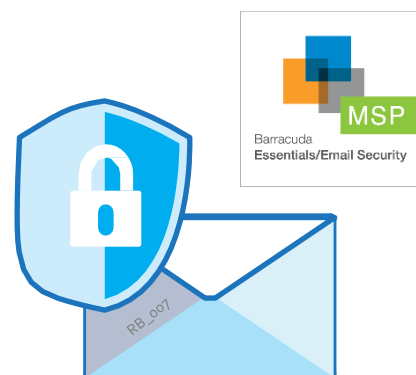


# Torchsec Technologies

## Email Security

Advanced, multi-layered email security

Our Barracuda Essentials for Email Security service bundle includes Barracuda Email Security Service and Advanced Threat Protection (ATP). These give you an easy, comprehensive, and cost-effective solution to protect against a broad range of email-based threats.



## Key Solution Advantages

Today's standard email security features leave you vulnerable to phishing, zero-day exploits, and other email-borne attacks. Barracuda Essentials for Email Security protects you against:

- Spam
- Email-borne viruses
- Email-based malware
- Phishing emails
- Unsecured emails
- Denial of Service (DoS) attacks

## Advanced Threat Protection

Advanced Threat Protection is a vital security layer that scans email attachments in most commonly used file formats and compares them against a cryptographic hash database.

ATP isolates and detonates files of unknown status in a sandbox environment within the Barracuda Cloud to observe their behavior. The result is pushed into the Barracuda Real Time System to provide protection for all you and other customers.

Emails found to contain malicious content are quarantined. If no malicious content is found, regular mail processing rules apply.

## Real-Time Security Monitoring

- Continuous monitoring and blocking of the latest Internet threats via Barracuda Central
- Quarantines, exception lists, and blocked sender lists configurable per user or per organization

### Multilayered Security Features

#### Virus Protection

Email and file scanning using three layers of polymorphous scanning technologies

#### Spam Protection

Barracuda Central-enabled screening for known spammers and malware domains

#### Anti-Phishing

Anti-fraud intelligence, sender spoofing detection, and domain name validation

#### Link Protection

Intelligent detection of malicious URLs

#### Typosquatting Detection

Active URL screening against fraudulent lookalikes of genuine sites

#### Denial of Service Attack Prevention

Protection against malware designed to cripple or disable networks

#### Email Spooling

Up to 96 hours of spooling to ensure email delivery in case of server or connection failures

#### Automated Email Encryption

Simplified key management using 256-bit AES encryption and SMTP over TLS

#### Outbound Filtering

Filtering against botnet spam and outbound attacks originating inside the network

#### Data Loss Prevention

Policy-based screening of credit card numbers, SSNs, and other sensitive content