

# Waterdog Computer Works Essentials Complete Protection

## Advanced, multilayered email security

Our Barracuda Essentials Complete Protection for Email Security service bundle includes Barracuda Email Security with Advanced Threat Protection (ATP), Cloud-to-Cloud Backup for O365, and Cloud Archiving. 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 Complete Protection for Email Security protects you against:

- Spam
- Email-borne viruses
- Email-based malware
- No hardware or software required
- Outlook Add-In for combined mailbox and archive search
- Phishing emails
- Unsecured emails
- Denial of Service (DoS) attacks
- Fully customizable scheduling and retention of emails and files
- Flexible data recovery and downloading to different sources
- Single solution for archiving email and instant messages

## 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



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## Cloud-to-Cloud Backup

Safeguard your Office 365 environment with an automated backup solution that protects against corruption and unintended deletion of emails and files in Exchange Online, OneDrive for Business, and SharePoint Online. Barracuda Essentials for Office 365 gives you a backup-and-recovery solution that enables cloud agility without the need to compromise on control or accountability.

- **Mitigate User Deletion Risk**

The No. 1 cause of data loss in a Software-as-a-Service (SaaS) deployment such as Microsoft Office 365 is accidental deletion.\* In fact, about 70 percent of all lost data is due to either accidental or malicious deletion of data by end-users. While Office 365 is architected to ensure continuous service availability, the measures taken to prevent permanent data loss are limited.

*\*Aberdeen Group, "SaaS Data Loss: The Problem You Didn't Know You Had," 2013.*

- **Take Control of Office 365 Data**

Eliminate the risk of items lost due to accidental deletion. You can also retain emails and files indefinitely in case employees leave the organization unexpectedly, all without having to purchase additional licenses. Moreover, you can delete inactive user accounts to free up Office 365 user licenses quickly and easily.

## Archiving-as-a-Service

Barracuda Essentials integrates with Office 365 to help you meet demanding compliance requirements and address eDiscovery requests easily and effectively.

- **eDiscovery and Legal Hold**

With Barracuda Essentials, there is no conflict between retention for operational compliance and legal hold for search and discovery exercises. An indexed archive supports extensive search, auditing/permissions, legal hold, and export, helping to facilitate both eDiscovery and retention. An intuitive interface and powerful feature set ensure easy message search and retrieval, speeding response times.

- **Excellent User Experience**

Barracuda Essentials for Office 365 improves compliance archiving productivity by giving you direct access to historical information, with desktop and mobile apps that let you search and retrieve every email sent and received, even if it has been deleted from a user's inbox.

### Quick and Easy Restoration

Easy search and retrieval of all backup data. Point-in-time recovery of mailbox, folder, file, and email message data. Flexible restoration to original or different user accounts.

### Reporting and Statistics

Detailed reporting and audit logging. Backup status and health monitoring for each backup source. Automated email alerts detail items added, modified, or removed since the last backup.

### Administration and Policy Management

Mobile administration for Apple iOS and Android devices with the Barracuda Cloud Control Mobile App. Role-based administration of users, privileges, and control access.

### Secure and Compliant Cloud Backup

128-bit SSL encryption for data in transit; 256-bit AES encryption for data at rest. SSAE 16 Type II certification. Redundant storage within and across geographically distributed data centers.

### Powerful Archiving

Email messages, calendars, tasks, contacts, public folders, Skype for Business (Lync) conversations. Support for Exchange and Exchange Online journaling and import.

### Anywhere, Anytime User Access

Full-featured, robust mobile apps (iOS, Android) and Outlook Add-in. Quick message restores and offline access.

### Flexible Management

Predefined roles, granular control for access and policy, domain-level auditor, retention policies.

### Advanced Search Capabilities

Full text search with multiple operators. Can search by metadata, contents, and attachments. Reusable saved search, tagging, reply to, forward, and export messages.



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