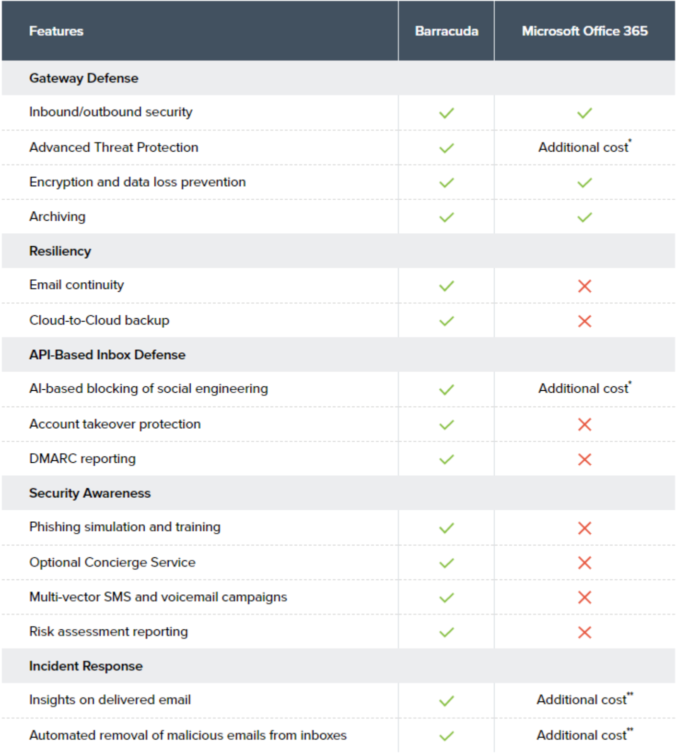
City of West Allis - Executive Summary

Barracuda
Your journey, secured.

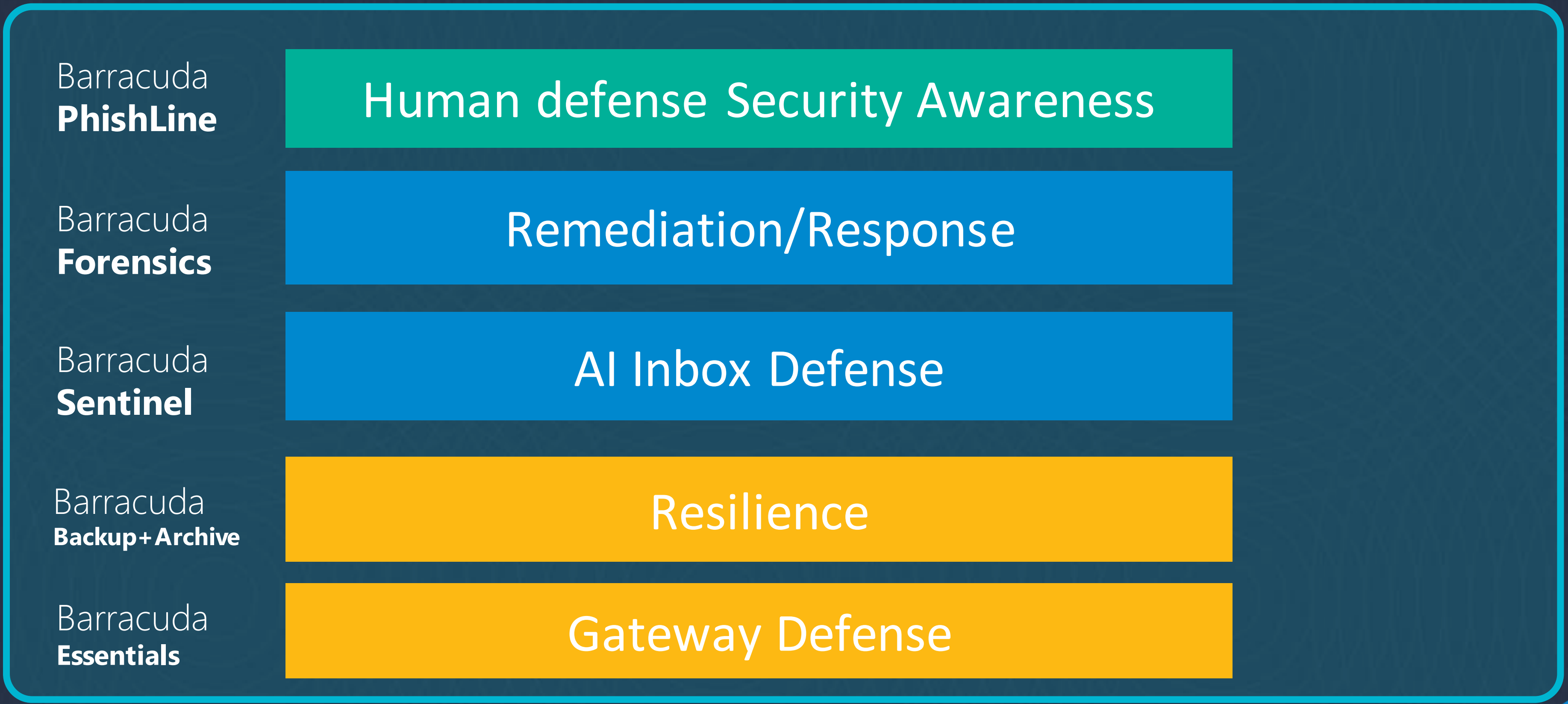
Barracuda Solution compared to MSFT



Features	Barracuda	Microsoft Office 365
Gateway Defense		
Inbound/outbound security	✓	✓
Advanced Threat Protection	✓	Additional cost*
Encryption and data loss prevention	✓	✓
Archiving	✓	✓
Resiliency		
Email continuity	✓	✗
Cloud-to-Cloud backup	✓	✗
API-Based Inbox Defense		
AI-based blocking of social engineering	✓	Additional cost*
Account takeover protection	✓	✗
DMARC reporting	✓	✗
Security Awareness		
Phishing simulation and training	✓	✗
Optional Concierge Service	✓	✗
Multi-vector SMS and voicemail campaigns	✓	✗
Risk assessment reporting	✓	✗
Incident Response		
Insights on delivered email	✓	Additional cost**
Automated removal of malicious emails from inboxes	✓	Additional cost**

Total house Protection with layers of defense

Barracuda Total Email Protection layers of defense



Barracuda **PhishLine** — Human defense Security Awareness

Barracuda **Forensics** — Remediation/Response

Barracuda **Sentinel** — AI Inbox Defense

Barracuda **Backup+Archive** — Resilience

Barracuda **Essentials** — Gateway Defense

Gateway Defense

Human defense Security Awareness

Remediation/Response

AI Inbox Defense

Resilience

→ Gateway Defense

Human defense Security Awareness

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Barracuda Total Email Protection

Barracuda
Essentials

Gateway Defense

Spam
Gateways stops spam before hitting mail servers

Malware
Inline deployment stops malware before hitting inboxes

Data Exfiltration
Gateways are deployed to stop inline exfiltration.

URL Phishing
Gateways lack historical and internal visibility so rely on less accurate generic population models

Scamming
Gateway solution must rely on generic models of domains used in the wild.

Blackmail
Blackmail attacks are general enough that gateways can detect them reasonably well.

Resilience

Human defense Security Awareness

Remediation/Response

AI Inbox Defense

→ Resilience

Gateway Defense

Barracuda Total Email Protection

Human defense Security Awareness

Remediation/Response

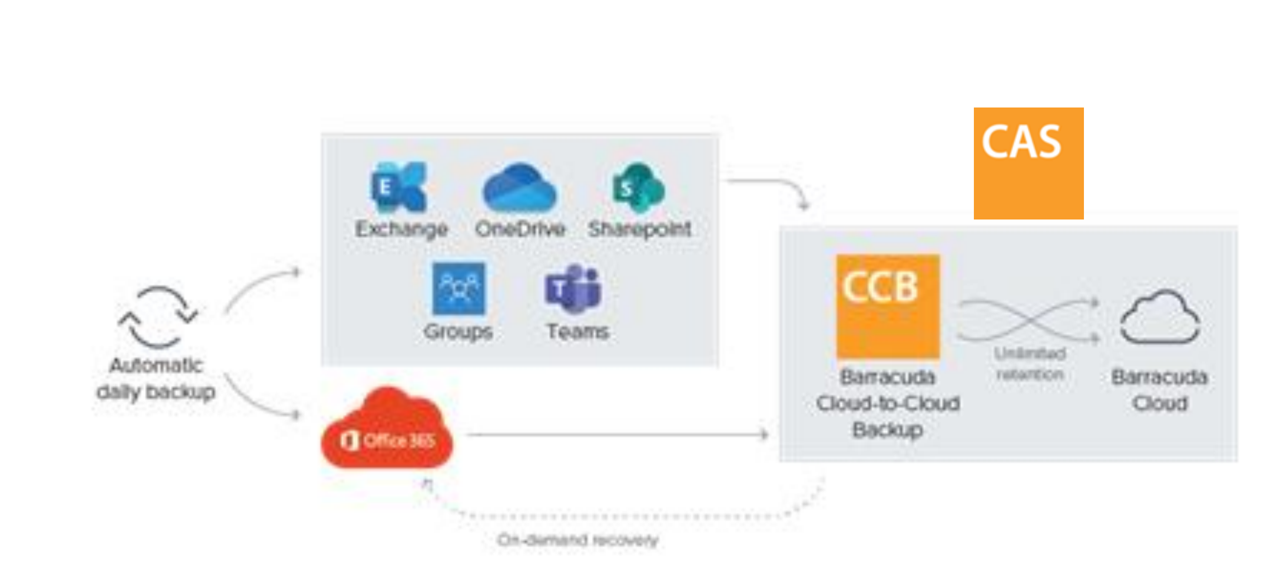
AI Inbox Defense

Resilience

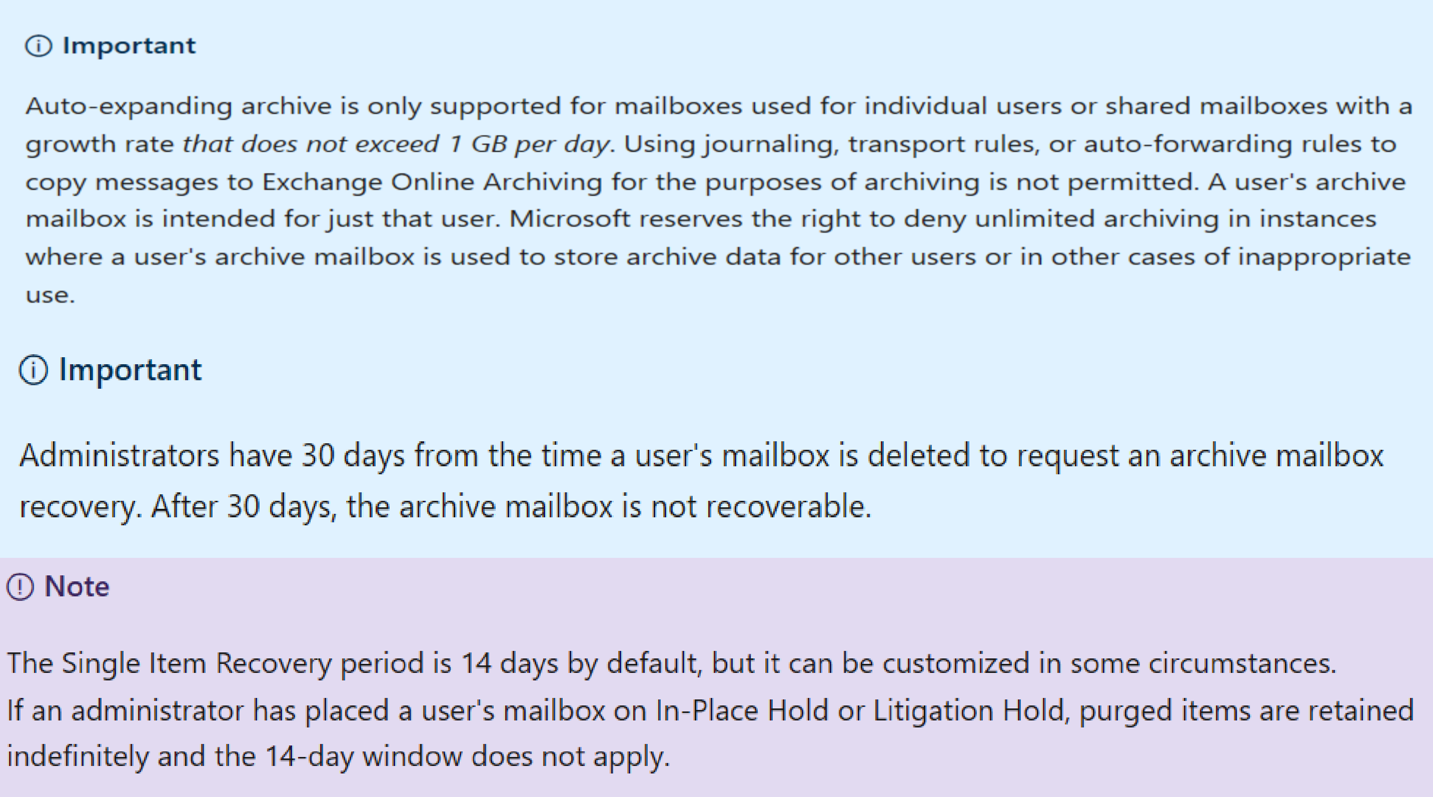
Gateway Defense

Barracuda
Cloud Backup
+
Cloud Archive

Resilience



Barracuda Compliance- Cloud Archive



Important

Auto-expanding archive is only supported for mailboxes used for individual users or shared mailboxes with a growth rate *that does not exceed 1 GB per day*. Using journaling, transport rules, or auto-forwarding rules to copy messages to Exchange Online Archiving for the purposes of archiving is not permitted. A user's archive mailbox is intended for just that user. Microsoft reserves the right to deny unlimited archiving in instances where a user's archive mailbox is used to store archive data for other users or in other cases of inappropriate use.

Important

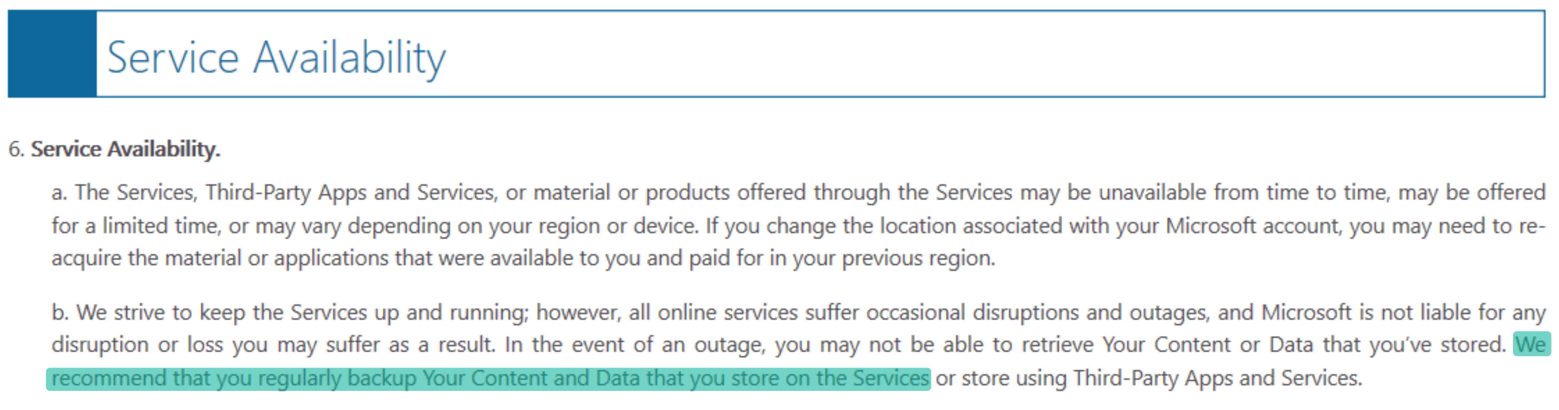
Administrators have 30 days from the time a user's mailbox is deleted to request an archive mailbox recovery. After 30 days, the archive mailbox is not recoverable.

Note

The Single Item Recovery period is 14 days by default, but it can be customized in some circumstances.
If an administrator has placed a user's mailbox on In-Place Hold or Litigation Hold, purged items are retained indefinitely and the 14-day window does not apply.

https://docs.microsoft.com/en-us/office365/servicedescriptions/exchange-online-archiving-service-description/archive-features

But Microsoft takes care of that!



Service Availability

6. **Service Availability.**

a. The Services, Third-Party Apps and Services, or material or products offered through the Services may be unavailable from time to time, may be offered for a limited time, or may vary depending on your region or device. If you change the location associated with your Microsoft account, you may need to re-acquire the material or applications that were available to you and paid for in your previous region.

b. We strive to keep the Services up and running; however, all online services suffer occasional disruptions and outages, and Microsoft is not liable for any disruption or loss you may suffer as a result. In the event of an outage, you may not be able to retrieve Your Content or Data that you've stored. We recommend that you regularly backup Your Content and Data that you store on the Services or store using Third-Party Apps and Services.

https://www.microsoft.com/en-us/servicesagreement

AI Inbox Defense

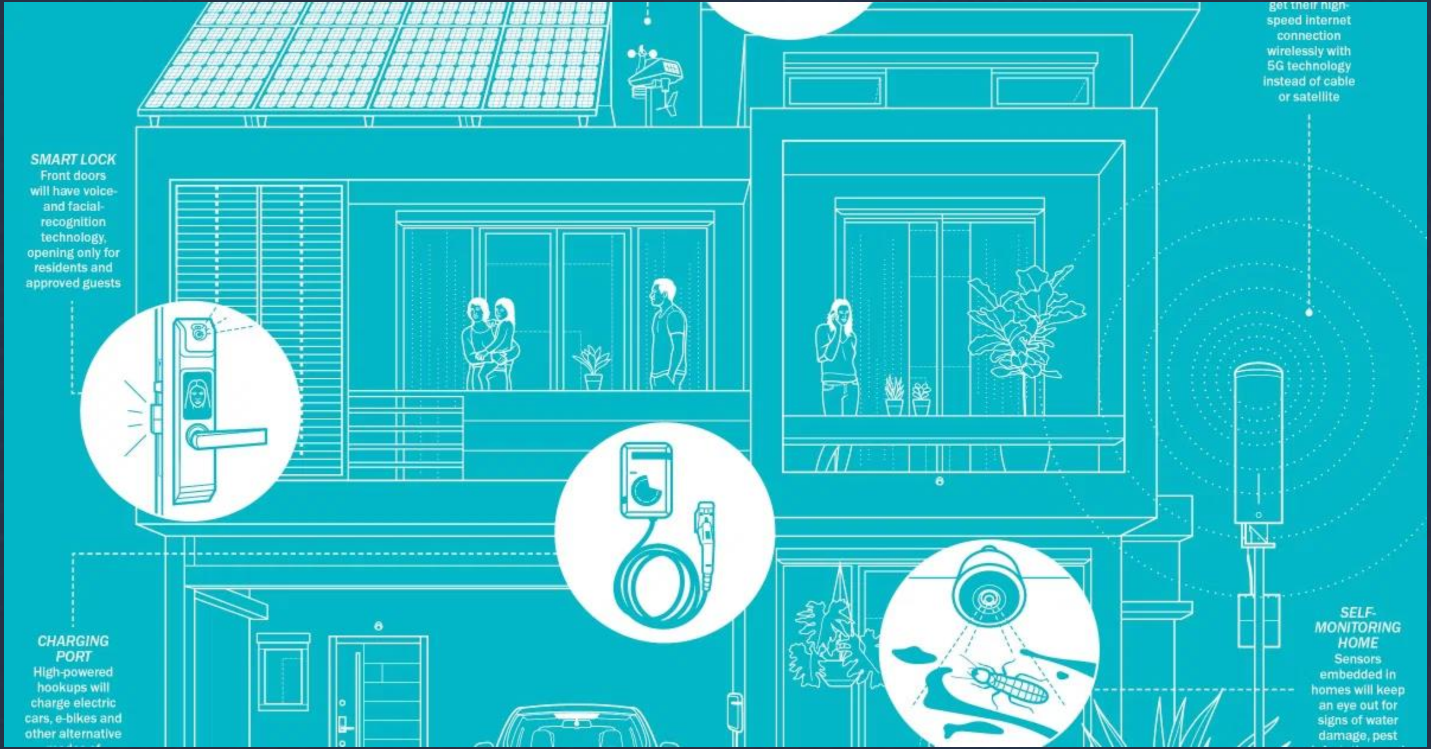
Human defense Security Awareness

Remediation/Response

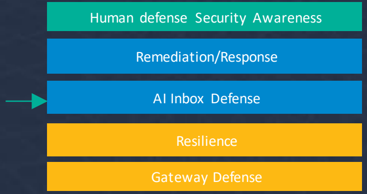
AI Inbox Defense

Resilience

Gateway Defense


get their high-speed internet connection wirelessly with 5G technology instead of cable or satellite
SMART LOCK
Front doors will have voice- and facial-recognition technology, opening only for residents and approved guests
CHARGING PORT
High-powered hookups will charge electric cars, e-bikes and other alternative
SELF-MONITORING HOME
Sensors embedded in homes will keep an eye out for signs of water damage, pest

Barracuda Total Email Protection



Human defense Security Awareness

Remediation/Response

AI Inbox Defense

Resilience

Gateway Defense

Barracuda **Sentinel**

AI Inbox Defense

Stop Targeted Attacks with Artificial Intelligence

- Prevent Spear Phishing
- Prevent Business Email Compromise / CEO Fraud
- Detect Employee Imprecations
- Stop Zero-Day Phishing
- Detect Web Impersonation
- Stop Inbound Spoofing
- Continuous Learning

Stop Account Takeover with Artificial Intelligence

- Detect Incidents of Attack and Incidents of Compromise
- Detect Suspicious log-ins
- Alert for Account Takeover
- Detect Compromised Emails
- Detect and Prevent Lateral Phishing Attacks and Account Takeovers

Domain Fraud Prevention

- Prevent Third Party Domain Spoofing
- Automated DMARC Reporting
- DMARC Aggregation and Visualization
- DKIM/SPF Configuration and Troubleshooting
- Better Email Deliverability
- Protect Organizational Reputation and Brand

Remediation/Response

Human defense Security Awareness

Remediation/Response

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Gateway Defense

Barracuda Total Email Protection

Barracuda **Forensics**

Remediation/Response

Identify

- Report Suspicious Behavior
- Real-time reporting and forensics

Investigate

- Identify users who interacted with suspicious users
- Identify Post Delivery Threats

Respond

- Automated Incident Response
- User Alerts
- Delete Malicious Attacks from All users

Barracuda Total Email Protection

- Human defense Security Awareness
- Remediation/Response
- AI Inbox Defense
- Resilience
- Gateway Defense

Barracuda **PhishLine**

Human defense Security Awareness

Test

- Phishing, Smishing, Vishing, Physical Media (USB/SD card)
- Quick Launch: Simulations
- Extensive Customization options
- Real world threat content

Analyze

- Extensive reporting and metrics
- Customizable or canned
- Automatically delivered at the end of Quick Launch campaigns

Train

- Train on 13 email threat types
- Nano learning video modules
- Developed to help meet compliance
- Extensive language support

Next Steps?