Upgrading to Mesh Unified

Background

Since the migration of email from on-premise mail to the cloud, email security has evolved and we've seen the emergence of API-based solutions to compete with, or complement traditional email security gateways.

Security guard on the door Vs security guard on the dancefloor

An email security gateway serves as a vigilant guard stationed at the entrance of a club, making decisions on what to allow inside. However, its jurisdiction ends at the door, leaving it with no control or visibility of what transpires inside.

On the other hand, an API-based solution functions like a security guard on the dancefloor, providing protection from within and the ability to swiftly address issues. Nevertheless, without a security guard at the door, it operates on an open-door policy. **There is a need for both.**

The genesis of the 2-in-1 solution

In recent years, we've noticed a growing trend among MSPs: augmenting their email security by integrating an API solution alongside their existing email security gateway or Microsoft (which essentially functions as a gateway).

While having two sets of engines is undeniably advantageous, managing two solutions introduces complexity. Tasks such as onboarding, administration, and offboarding are all duplicated, as are the associated costs, involving payments to two separate vendors. That's why we've developed a 2-in-1 solution that safeguards both the perimeter and the mailbox.

	MESH GATEWAY	MESH 365	MESH UNIFIED
Deployment	MX based	API based	MX & API based
Mail Platforms Supported			
Security Features			
Advanced Threat Protection	✓	✓	✓
Attachment Sandboxing	✓	✓	✓
URL Protect	✓	✓	✓
Impersonation Detection	✓	✓	✓
Mesh Phish Protect	✓	✓	✓
Dynamic Content Scanning / Anti-spam	✓	✓	✓
Financial Fraud Prevention	✓	✓	✓
4X AV / Anti-Malware Engines	✓	✓	✓
Predictive Threat Intelligence	✓	✓	✓
Graymail Filtering	✓	✓	✓
End-User Quarantine Digests	✓	✓	✓
Email Spooling / Mail Bagging	✓	✗	✓
Outbound Scanning / Smarthost	✓	✗	✓
SPF, DKIM, DMARC Verification	✓	✗	✓
Threat Remediation (remove already delivered email from the inbox)	✗	✓	✓
Insider Threat Protection (scans internal emails for threats)	✗	✓	✓
Warning Banners	✗	✓	✓
Honors Outlook Rules (allow & block rules created by users in Outlook)	✗	✓	✓

Upgrading from Mesh Gateway to Mesh Unified

Upgrading from Mesh Gateway to Mesh Unified not only enhances protection at the mailbox level, but also provides a host of valuable features. This includes the ability to monitor internally sent emails, remediate previously delivered messages, and implement warning banners. Additionally, it offers greater flexibility in policy options for an even more comprehensive security solution.

Features & Benefits

Email Remediate

The ability to remove already delivered emails from the inbox - an incident response tool for email.

Insider Threat Protection

Internal emails are scanned for threats, providing robust protection against lateral phishing and East-West attacks.

Warning Banners

The ability to add verdict-based banners to email either moved to the inbox or junk folder in Outlook.

Flexible Policies

Besides deliver and quarantine, you can now add banners, or move emails to the junk or deleted folders in Outlook and Microsoft.

Honours Outlook rules

Mesh honors user-created allow and block rules in Outlook, ensuring a seamless experience for users.

Cost-effective

Mesh Unified streamlines email security, saving costs compared to using two separate providers, while also reducing administrative time and effort.

Upgrading from Mesh 365 to Mesh Unified

Upgrading to Mesh Unified from Mesh 365 ensures that dangerous emails are scanned and blocked before they reach the mailbox. It also consolidates email traffic management into a unified interface, eliminating the need to search for email in a third-party gateway or Microsoft's console. Additionally, it provides redundancy in the event of Microsoft 365 experiencing downtime by queuing emails for delivery.

Features & Benefits

Pre-Delivery Protection

Scan and block dangerous emails before they ever reach the mailbox.

Single Pane of Glass

Avoid managing email from two separate UI's (e.g. Microsoft or a third party SEG) upstream of Mesh.

Consolidate Solutions

Eliminate the need to manage two separate solutions for email security.

SPF, DKIM, DMARC Checks

Sender verification checks are performed by, and are viewable in the Mesh Live Email Tracker.

Email Spooling

In case of Microsoft downtime, instead of being bounced or rejected, Mesh will queue emails for delivery.

Cost-effective

Mesh Unified streamlines email security, saving costs compared to using two separate providers, while also reducing administrative time and effort.