mimecast®

Mimecast and Microsoft M365: A Perfect Pair

Why Mimecast is **Your Essential Companion** to Microsoft

The Challenge:

Maintaining Cyber Resilience in a Microsoft-Dependent World

Organizations continue to adopt Microsoft's cloud platform at a rapidly growing pace. Given the benefits of Microsoft 365 – which combines Office 365 with Windows 10 - the trend is hardly surprising. The platform makes it easy to improve business functions, the software stays updated, and the service improves economies of scale. Unfortunately, however, there's a catch.

220+ Million Business Users

The more successful Microsoft 365 is, the more companies adopt it, which makes it an extremely attractive target for attackers. With millions of users on the platform at the end of 2019, Microsoft is the vendor that cybercriminals target most. Why? Because they view the massive amounts of data that Microsoft 365 holds as a goldmine.

90% of Incidents Involve Human Error

The easiest lock to pick continues to be end users. Cyber criminals take advantage of people who have limited knowledge of common attack types, whether they try to trick employees by an impersonating a CEO or hope that they'll open a malicious attachment. That's why over 90% of security incidents involve human error.[1]

28% False Negative Rate

From email to instant messaging, from mobility to collaboration, Microsoft's sweet spot and focus is productivity, as it should be. However, email continues to be the source of 94% of cyberattacks, so it's critical that organizations have email security technology that's just as effective. Over the last four years, Mimecast evaluated email that had passed through Microsoft Exchange Online Protection and Advanced Threat Protection and consistently found a 28% false negative rate.[2] Considering the volume of email, that's billions of malicious messages sitting in mailboxes.

Mimecast helps you solve Microsoft 365's intractable problem:

- Protect your email with industry leading security
- Deploy a "second lock to pick" for threat actors
- Train your employees to strengthen your human firewall
- Protect your brand and domain beyond your perimeter
- Integrate rich threat intelligence into your security ecosystem
- Keep email flowing even when Microsoft is down
- Automate independent post compromise mitigation
- Make email compliance fast & easy
- Extend protection with robust web security & shared intelligence

When looking at the last year of email, Mimecast's Threat Center detected a rise in Microsoft email, SharePoint, and OneDrive usage, which led to an exponential increase in malicious emails, URLs, and attachments targeting those same services.

To reap the benefits of Microsoft without increasing cyber risk, it's critical to follow the security best practice of layered protection, surrounding M365 with a comprehensive, cloud-based cyber resilience solution. Doing so not only increases protection at the email gateway, but it can also keep business flowing and data protected in case of a service disruption.

The bottom line? When it comes to protecting the most critical communications channel "good enough" security simply isn't.

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1   *Ponemon Institute/IBM Security 2018*

2   *According to 4 years of Mimecast Email Security Risk Assessments*

The Solution:

Mimecast Pervasive Security and Cyber Resilience

Pervasive Email Security

Mimecast's Email Security 3.0 Strategy provides pervasive security across your email perimeter, inside your network and organization, and beyond your perimeter.

Although the traditional concept of a "perimeter" has evolved, the simple fact remains that securing your email is one of the most important steps organizations can take to reduce risk and keep disruption at bay. Mimecast prevents business email compromise and data leaks from entering or leaving your organization's perimeter.

Even with a robust email security perimeter in place, attackers can bypass defenses and operate inside an email network, using compromised accounts or social engineering to send bad things inside and out. Employees are also susceptible to opening attachments, clicking on links, and falling for scams. With Mimecast's Internal Email Protect, it's easy to prevent attacks from spreading internally or to a customer or partner. Mimecast Awareness Training makes it easy and fun for employees to better understand how to respond to threats, creating a culture of security at your organization.

While it's critical to protect your email both at and inside the perimeter, attackers can easily impersonate your brand without confronting your email perimeter. Mimecast's protection beyond the perimeter stops illegitimate use of your email domain and alerts and removes brand imitations and fake websites, ultimately, protecting your customers and reputation.

Coupled together, Mimecast security protects your investment in Microsoft by protecting your users, partners and customers, and data.

> "**What I like most about using Mimecast with Office 365 is the protection against malicous email attacks and resilience for Office 365 outages.**"
>
> Application Manager,
> Medium Enterprise Chemicals Company

Resilience and Recovery

Mimecast's Resilience and Recovery services make downtime a thing of the past, while ensuring critical data is never lost. Whether unexpected or planned, downtime for email no longer has to mean downtime for your organization. And in the case of an employee mistake or worse, stolen data, Mimecast makes it easy to restore your mailbox data back to Microsoft.

Compliance and Data Protection

Mimecast's independent, cloud archive allows you to tame complexity, minimize risk, reduce costs, and decrease the burden on over-taxed resources. Control over data retention and detailed logging helps you meet regulation requirements, like SEC 17a-4 and EU GDPR.

Whether an end user is performing a simple archive search, or your organization is performing a complex e-Discovery cast, Mimecast's fast and reliable archive search reduces third-party costs and minimizes the burden on all users.

Web Threats and Shadow IT

To further extend protection, Mimecast offers anytime, anywhere protection across users online, with visibility into which website and cloud apps are being used. Fully integrated into the Mimecast platform, you get consistent protection across both email and web, the top two threat vectors, in a simple and cost-effective way.

Privacy and Encryption

User and Adminstrator friendly, Mimecast's Secure Messaging and Privacy Pack ensures sensitive information is protected. With granular message control, you don't need to worry about data getting into the wrong hands.

> "**We love all the security features, especially protection against impersonation. Our package also includes Internal Email Protect, which we believe is very important within our organization as it protects our end users against potential internal threats.**"
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> Infrastructure Operations Manager,
> IBL LTD