BRIDGE THE OFFICE 365 SECURITY GAP
with Bytes

Protecting your critical information in Microsoft Office 365

The long-expected surge in the adoption of Office 365 is underway. Very soon, the question facing enterprise leaders will not be whether to move these workloads to the cloud, but how painful will it be to remain on-premise and how can they ensure all of their critical information is protected?

While Office 365 offers basic email security to help with spam and malware, there is a lack of focus and functionality around data loss prevention which is required by enterprises of all sizes today for the protection of information in the cloud.

Migrating to Office 365 is a smart move for most enterprises, but...

... migrating to a public cloud platform with incomplete DLP leaves you vulnerable to data leakage, compliance issues and other security challenges you may not even be aware of.

Don't just accept the defaults - Secure Microsoft Office 365 with Bytes

With email consistently exploited as the weakest link in the security chain, outsourcing your email to Office 365 without applying additional security measures risks leaving a back door into your organisation.

For today's enterprise to have confidence that their critical information is secure and that their most valuable or sensitive data will not be subject to a breach - enhancing that functionally with an adaptive approach to security is the only viable option.

Bytes can help you retain the highest levels of security for Office 365 and **address the key security concerns in migration such as:**

- **Does Exchange Online Protection provide good enough security against modern attacks?**
- **How to protect data as it migrates to applications like SharePoint Online or OneDrive?**
- **Retaining visibility & control of data in other cloud-based applications & services like Box?**

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Why Bytes

If your organization is considering migrating to Microsoft Office 365 or looking for a hosted email security solution look no further than Bytes.

Bytes bring award winning security solutions to your email in the Cloud via our longstanding relationships with security partners Check Point (top tier 4 Stars Elite partnership) and Forcepoint (top tier Platinum Partnership).

Bytes expert engineers have over 10 years' of experience in designing and deploying these market leading threat prevention and data security solutions in multiple companies via varied methods, ensuring that the information that is of most value to your organization remains secure - wherever it resides, even in the 'cloud':

Bytes Approach

You never should have to choose between taking advantage of the cloud and having the security, compliance and operations that your business depends upon. Bytes recommend putting security close to your data, wherever it is – in cloud apps, on roaming laptops, or in your office network.
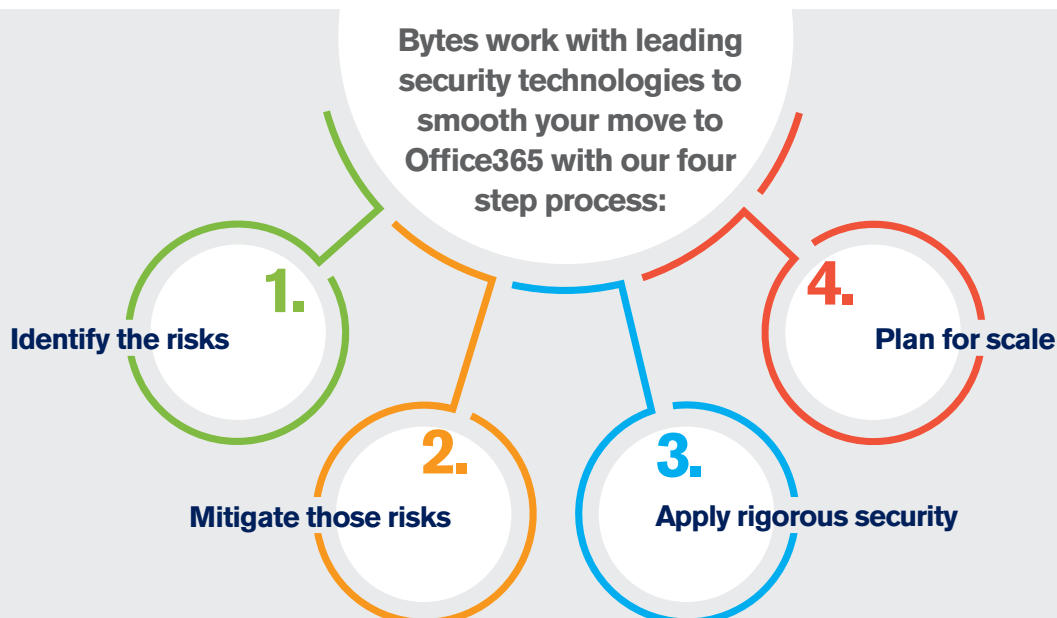
This makes it possible for you to use on-premise servers, endpoint systems, Office 365 services, and other cloud apps together – safely and efficiently. In an increasingly distributed world, we deliver holistic protection from a single console, with a single set of policies, and a single place to monitor and manage incidents in even the most sophisticated cloud-first and hybrid IT environments.

By working with Bytes Security Partnerships' expert security team to wrap a specialist third-party DLP and Threat Prevention offering around Office 365 you bring an additional layer of security, visibility and reassurance to yourself and your management.

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Platinum Partner

CHECK POINT STARS PARTNER ELITE

Bytes Office 365 Security Process

Don't shy away from this increasingly popular service. Instead, work with Bytes security experts to fully understand the requirements to secure the environment and protect the users and their data from malicious activity, loss and misuse.

Bytes work with leading security technologies to smooth your move to Office365 with our four step process:

1. Identify the risks

2. Mitigate those risks

3. Apply rigorous security

4. Plan for scale

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Bridge the Office 365 Security Gaps

Security Efficacy

Office 365 customers are protected by a basic anti-virus and anti-spam service but these basic security tools, e.g. archiving and basic encryption, lack deep content inspection. In addition, template sets provided insufficient to deal with modern malware/zero day threats. You need to be sure that your security tools will scan deep into the message and any attachments identify any critical information before it leaves the business.

Infrastructure Coverage

No business can say for sure that all their data has been completely migrated into sanctioned cloud applications. Nor does data remain in the Cloud at all times. It will also be stored on laptops, USB drives and local email folders as well as third party cloud applications. To eliminate blind spots, you need to expand your on-premise policies to all Office 365 traffic whether from a web browser, mobile app, One Drive, Office 365 ecosystem app or non Office 365 application.

Data Visibility

Whether required for private health information (PHI), protected credit card data, customer records or the company's intellectual property (IP), data protection is critical when adopting Office 365.

Adopting a dedicated cloud based security data loss prevention solution to identify sensitive data already resident in OneDrive and SharePoint along with sensitive data that is uploaded, downloaded or shared in real time is the first step to provide deeper DLP.

Detection Capability

The signature-based threat detection offered in Office365 leaves organisations vulnerable to new exploits and zero day attacks. Customers need to guard their Exchange Online email against viruses, phishing, spam, zero-day attacks, malicious code buried deep inside attachments, embedded URLs that point to disreputable websites, and much more. This deep level of security is beyond the inhouse capabilities of Office 365.

2. Mitigate those risks

Augment Office 365 Security with Bytes and Forcepoint

If you are an Office 365 customer concerned about the security of your organisation's critical information and sensitive data, speak to Bytes Security Partnerships about complementing the existing data security capabilities of Office 365 with adaptive data loss prevention (DLP) technology from our Platinum Partner Forcepoint, 7-time Gartner Magic Quadrant Leader in Data Loss Prevention.

Forcepoint enhances Office 365 with an unmatched combination of protection against outside advanced attacks and insider threats with data loss prevention (DLP) in a single solution, without complicated add-ons or "integrations"

In addition to keeping attackers out, Forcepoint keeps your critical data in. Their industry-leading DLP technology uses sophisticated means such as data fingerprinting, machine learning, optical character recognition, "low and slow" drip theft detection, and contextual analysis to detect and block attempts to move sensitive data to places it isn't supposed to go.

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3. Apply Rigorous Security

Bytes and Forcepoint recommend an approach which puts security close to your data, wherever it is – in cloud apps, on roaming laptops, or in your office network.

Whether in the Cloud, on the road, or in the office, Forcepoint's hybrid approach puts security close to your data in a cloud-first world.

It keeps advanced attacks out and sensitive data in, across Exchange Online, SharePoint Online, OneDrive and other Office 365 applications like Skype for Business.

Forcepoint's technology platform powers a family of products for web, email and data security that work together to protect your critical information as your organization begins to take advantage of Office 365.

4. Plan for Scale and Consistency

When migrating to Office 365, many organizations start with Exchange Online and then add other apps over time. Easily and immediately enforce the same level of data security in OneDrive, SharePoint Online, Skype for Business, even Yammer, whenever you need it.

As your use of Office 365 expands, Forcepoint keeps your data safe consistently, without having to recreate policies each time, learn new consoles or juggle different reporting systems.

Protection doesn't stop with Office 365. Forcepoint also secures other critical enterprise cloud apps (such as Box, Salesforce.com& Google Apps) at the same – all without reinventing the wheel.

In an increasingly distributed world, we deliver holistic protection from a single console, with a single set of policies, and a single place to monitor and manage incidents in even the most sophisticated cloud-first and hybrid IT environments. This makes it possible for you to use on-premise servers, endpoint systems, Office 365 services, and other cloud apps together – safely and efficiently.

Moving productivity services to the cloud requires serious consideration of security and privacy issues.

Start your Office 365 Security journey with Forcepoint and Bytes Security Partnerships to deliver the enterprise-grade security you require to move to the cloud with confidence.

Forcepoint capabilities
for O365

- **Advanced security protection for email**
- **Advanced anti spam threat emulation**
- **File sandboxing and analysis**
- **Advanced phishing protection**
- **Data loss prevention**
- **Cloud Storage of Local applications**
- **DLP for O365 based apps - One Drive, SharePoint and Skype**
- **Threat protection for cloud based apps, Box, Linkedin, GoogleDrive, Facebook**
- **DLP protection for Salesforce**
- **Policy based email encryption**
- **Zero day threat protection**
- **Data discovery for online**
- **Data repositories - e.g. Sharepoint**
- **Browser based application access – OneDrive, Skype, Word**

Get in touch with our Security specialist team:

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