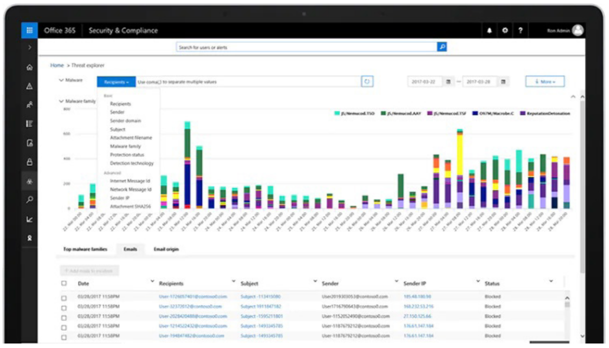
Microsoft Defender for Office 365

Microsoft Defender for Office 365 is an enhancement to the standard email filtering and security that comes with Office 365. It gives much greater protection against malicious attacks and the latest threats that can be delivered via email or collaboration tools.

Defender for Office 365 reduces the risk of attacks that use malicious links intended to collect usernames and passwords, to direct you to sites hosting malware, or that have attached documents actually containing malware.

Microsoft Defender for Office 365 will scan both incoming and outgoing emails as well as emails already in a users mailbox. The system will also scan existing and new cloud stored files in SharePoint, Teams and OneDrive to ensure they are safe. Where an email is identified as being 'malicious' the message will be moved to Quarantine. Users will receive a daily email to review these messages so they can review/release/block the emails as appropriate. Any files that are found to be containing malicious content will also be blocked from opening or downloading. Providing peace of mind that users are protected from malicious email content.



Date	Recipients	Subject	Sender	Sender IP	Status
03/28/2017 11:58PM	User-1726057401@contoso0.com	Subject -113415080	User2019303053@contoso0.com	185.48.180.98	Blocked
03/28/2017 11:58PM	User-32372012@contoso0.com	Subject 1911847182	User1716790643@contoso0.com	168.232.53.216	Blocked
03/28/2017 11:58PM	User-2028420488@contoso0.com	Subject -1595211801	User-1152052490@contoso0.com	27.150.125.66	Blocked
03/28/2017 11:58PM	User-1214522432@contoso0.com	Subject -1493345785	User-1187679212@contoso0.com	176.61.147.184	Blocked
03/28/2017 11:58PM	User-194847482@contoso0.com	Subject -1493345785	User-1187679212@contoso0.com	176.61.147.184	Blocked

Economic impact study of Defender for Office 365 capabilities (by Forrester Research)

528	Security events eliminated annually by organisations surveyed
60%	Reduced likelihood of a security breach
186%	Return on investment

Configuration, protection, and detection capabilities

- Safe attachments
- Safe links
- ATP for Teams, OneDrive, and SharePoint
- Anti-phishing

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Safe attachments

Safe attachments gives an extra layer of protection for email attachments, in addition to being scanned by anti-malware protection in Exchange Online, Defender uses a virtual environment to open and check attachments in email messages before they're delivered to recipients to find any potential threats hidden inside, (this process is referred to as detonation.) Giving peace of mind to users that email attachments have been double checked to ensure they are not malicious.

Safe links

Safe links analyses links in emails and office documents by redirecting the link to a secure server in the Microsoft 365 environment, the server then checks the link against a list of known malicious web sites, if the server identifies the link as malicious the user is blocked from accessing the site and is shown a warning page to let them know. If the site is 'safe' the users is taken to the original link destination.

Both safe links and safe attachments apply to internal and external emails in real-time.

ATP for Teams, OneDrive, and SharePoint

With Microsoft Defender for Office 365 you are also protected within SharePoint, OneDrive, and Microsoft Teams. ATP (Advanced Threat Protection) for SharePoint, OneDrive, and Teams helps detect and block existing files that are identified as malicious in team sites and document libraries by locking them and preventing users from accessing them.

Anti-phishing

Microsoft Defender for Office 365 helps prevent phishing attacks by utilising 'spoof protection' and 'mailbox intelligence' for all recipients. It protects against phishing emails by preventing internal or external email addresses from being impersonated. Spoof protection ensures that senders are who they say they are by checking the displayed 'From' address actually matches the domain the email came from. Mailbox Intelligence uses artificial intelligence (AI) to learn who a user frequently communicates with via email, and creates a map of common communication, to allow Defender to determine the risk an email poses before applying quarantine actions.

Find out more

ramsac can assist organisations with deploying Microsoft Defender for Office 365. For more information, speak to your relationship manager:

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