



MICROSOFT SECURITY PRODUCTS OVERVIEW

Your overview of the features, tools and benefits



WESTCOAST CLOUD

YOUR QUICK GUIDE TO MICROSOFT SECURITY

3 Reasons to Use Microsoft Security

Up to £4.2 million. That's what businesses are losing to increasingly sophisticated cyberattacks, be it phishing or ransomware.

And when human-operated ransomware attacks have risen by 195% since 2022, it's crucial that your customers have world-class security.

So, why Microsoft?

Comprehensive, cost-effective security woven into every product and service.

Unique vantage point into hacker behaviour, thanks to processing 65 trillion data signals per day and 4,000 identity authentication threats per second.

Global cybersecurity expertise with an ecosystem of tens of thousands of security experts, plus a reputation among industry analysts like Gartner as a leader in security, compliance, identity, and endpoint management.



Microsoft Security Core Features and Functionalities

Explore our brief summaries of the wide range of Microsoft security features below. We get that it's a lot to digest, with even more under the bonnet, so talk to us for more info on any solution!

Microsoft Multi-Factor Authentication (MFA)

MFA adds extra security by requiring multiple forms of identification before permitting access.

- Basic MFA comes with Business Basic and Business Standard as part of Entra ID (free version)
- A more comprehensive MFA version come with Business Premium and M365 E3.
- M365 E5 comes with Entra ID P2, which includes enhanced security features encompassing MFA



Microsoft Entra ID

Microsoft Entra ID (formerly Azure Active Directory) provides robust identity protection, access to centralised applications, and safeguards against unauthorised access. This works both in the Cloud and on-prem, and boosts visibility and control.

As well as a free version (included within Business Basic and Business Standard), there are a number of plans available which include all the features of Entra ID:

Microsoft Entra ID Plan 1 (P1):

- Available as a standalone or included with Microsoft 365 E3 for enterprise customers and Microsoft 365 Business Premium for SMBs
- Provides single sign-on (SSO) for any number of pre-integrated SaaS applications
- Supports advanced administration – such as dynamic groups, self-service group management, Microsoft Identity Manager, and cloud write-back capabilities – letting on-prem users reset their own passwords
- Gives hybrid users access to on-prem and Cloud resources

Microsoft Entra ID Plan 2 (P2):

- Available as a standalone or included with Microsoft 365 E5 for enterprise customers
- On top of the free and P1 features, P2 offers Microsoft Entra ID Protection to provide risk-based conditional access to apps and critical data
- Includes Privileged Identity Management to help discover, monitor, and manage administrators and their access to resources

Microsoft 365 Data Loss Prevention (DLP)

DLP identifies and helps stop the unsafe or inappropriate use of sensitive data across emails, files, systems, Cloud-based locations, and endpoint devices. It also prevents accidental or intentional data leaks via policy-based controls.

DLP comes as an add-on or with the following Microsoft licences:

- Microsoft Business Premium
- M365 E3 and M365 E5
- Office 365 E3/E5/A3/A5 (DLP for emails and files only)

Enterprise Mobility + Security (EM+S)

EM+S is an intelligent mobility management and security platform that tightens the security features of Windows 10/11 and Microsoft 365. It does this through advanced capabilities for identity and access management, endpoint management, and information protection.

EMS is made up of multiple security components, which we'd be happy to expand on if you get in touch with us. These components are:

- Microsoft Intune
- Microsoft Entra ID
- Azure Information Protection
- Microsoft Advanced Threat Analytics
- Microsoft Defender for Cloud apps and Defender for Identity (E5 only)

Two options of EM+S are available: (EM+S E3 is included in the M365 E3 and M365 F3 suites and EM+S comes as part of the Business Premium suite) EM+S E3 and EM+S E5, with the latter containing all of the E3 version's features and then some.

Microsoft Intune

Microsoft Intune is a Cloud-based endpoint management solution responsible for:

- Managing users and devices via a web-based admin centre
- Simplifying app management with self-service
- Automating policy deployment for easy compliance
- Supporting and integrating with Mobile Threat Defense

Intune comes with both EM+S options, as well as M365 Business Premium and as a standalone solution.

The Microsoft Defender Family:

Microsoft Defender is a cross-device app that helps organisations stay safer online. It provides:



Simplified security dashboard



Antivirus protection



Anti-phishing protection



Identity theft monitoring



Credit monitoring



VPN

Microsoft Defender is available to anyone who has purchased a Microsoft 365 Personal or Family subscription.

Microsoft Defender Antivirus

(formerly Windows Defender Antivirus) is a next-gen protection solution that provides real-time protection against digital threats by monitoring web activity and scanning files, downloads, and attachments.

- Comes with Windows 11

Defender for Business is intended for SMBs (<300 seats). It offers next-gen device protection from online threats like ransomware and malware.

- Comes with Business Premium or as standalone

Microsoft Defender for Endpoint is

set for an unlimited number of users. It offers holistic endpoint security via a complete set of prevention, protection, and response capabilities.

- P1 comes with M365 E3, or as standalone
- P2 comes with M365 E5, or as standalone

Microsoft Defender for Office 365

detects and blocks phishing emails, malicious attachments, and unsafe links. It also enhances protection for Exchange Online, SharePoint Online, and OneDrive for Business.

- P1 comes with Business Premium, O365 E5, F5 Security, F5 Security, M365 E5, M365 A5 Security, M365 A5 Security and Compliance, or as an add-on
- P2 comes with O365 E5, F5 Security, F5 Security and Compliance, M365 E5 Security, M365 E5, M365 A5 Security, M365 A5, or as an add-on

Microsoft Defender for Business Server

is an add-on to Defender for Business and Microsoft 365 Business Premium only. It provides a single endpoint security experience for both clients and servers within the Microsoft Defender portal.

- Comes as an add-on (if prerequisites are met)

Microsoft Defender for Identity

is a solution that detects, investigates, and protects against suspicious activities related to identity and access management. It also offers guidance on identity configurations, security reports, and user profile analytics.

Comes with F5 Security, F5 Security and Compliance, M365 E5 Security, M365 E5 and M365 A5 Security, M365 A5, as standalone, or as an add-on.

Microsoft Security Copilot

Security Copilot is a natural language, AI-powered security analysis tool. It draws context from plugins and data to answer security related prompts so that organisations can stay protected.

Users can collect useful responses from Security Copilot and pin them for future reference.

How Microsoft Security Copilot Boost Security Operations

- Discovers, assesses, and raises vulnerabilities and risks, with recommendations for threat prevention and remediation
- Summarises events, incidents, and threats with customisable reports
- Supports security professionals' collaboration through built-in capabilities

Before your customers access Security Copilot, we recommend that they have at least one of the following licenses:

- Microsoft Entra ID P1 or P2 license for role assignments to users
- Microsoft Defender for Endpoint P2 licenses
- Microsoft Security Copilot Early Access Program pass, which grants access to Security Copilot for six months from the time of purchase



NEXT STEPS

Thank you for reading our guide.

If you want to learn more about any of the products mentioned here or have any questions, please reach out to our Modern Workplace Team at modernworkplace@westcoastcloud.co.uk

