



EBOOK

Microsoft 365 Business Premium

Enhance the security of your data, devices and applications
with Microsoft Business Premium.



Introduction

Why Microsoft 365 Business Premium?

The way organisations operate has changed. The way people work has changed. There is an increasing emphasis on cloud services. Security threats are similarly evolving to target cloud-based services as well as your on-premises networks.

Company boundaries are no longer defined by bricks and mortar, or the use of company-issued and company-controlled computers. Remote working and the use of employee-owned devices has become normal, and these use cases serve to highlight the limitations of a typical managed, on-premises IT solution. Often organisations don't even know that, despite their published security policies, employees are introducing serious risks of deliberate or accidental security breaches when taking their devices outside of a secure, managed corporate network.

Microsoft 365 is core to most organisations' IT services and the appropriate use of security tools within Microsoft is a key step to gaining and maintaining a secure environment regardless of where devices and data are located. Business Premium is ideally situated within the Microsoft 365 licensing stack to act as an extension of your existing IT infrastructure to support a modern workplace approach, or to act as the first steps towards a fully cloud-based infrastructure.

Wavenet's Secured Microsoft 365 solution provides you with the implementation of a recommended set of preventative security controls, using solutions within the Microsoft 365 Business Premium license. We align the controls to the requirements of Cyber Essentials, a UK Government backed security scheme that addresses the most common Internet-based threats. We also tailor the controls based on our own experience and wider recommended good practice.

Always-On Security with Microsoft 365 Business Premium

- Defend your business against advanced cyberthreats with sophisticated phishing and ransomware protection.
- Control access to sensitive information using encryption to help keep data from being accidentally shared.
- Secure devices that connect to your data and help keep iOS, Android, Windows, and MacOS devices safe and up to date.
- Get the latest features and capabilities with always up-to-date versions of Outlook, Word, Excel, PowerPoint, Teams.
- Edit and share documents, photos, and other files from anywhere on all your devices.
- Activate Microsoft 365 security controls to help guard against viruses, spam, unsafe attachments, suspicious links, and phishing attacks.
- Leverage Conditional Access policy to enforce Multi-Factor Authentication (MFA) and grant access to business resources based on additional factors such as user location and device compliance.
- Apply security policies to help protect business data on company-owned and employee devices.
- Keep company data within approved apps and easily remove business data from lost or stolen devices.

Business Premium Security Features

Authentication and Access

Multifactor Authentication

MFA is essential to protect Microsoft accounts from simple phishing, password guessing and social engineering attacks. MFA is already mandatory for Microsoft administrative accounts by default. Wavenet can configure MFA to include user accounts, ensuring that Multi Factor Authentication is enforced, but also allowing for necessary exclusions via Conditional Access.

Self Service Password Reset

Self Service Password Reset (SSPR) enables users to authenticate themselves using previously agreed authentication methods. This means that a new password does not need to be agreed and transmitted. SSPR also speeds up the user getting back to work when their password has been forgotten or has expired because they don't need to wait for a password reset to be performed or authorised by someone else.

Conditional Access

Conditional Access provides additional protection against attacks such as phishing and social engineering. Conditional Access ensures that only authorised devices, which meet a minimum security standard, can connect to company systems. Conditional Access can also restrict the locations from which company data can be accessed, such as restricting access from outside of the UK.

E-mail Security

Microsoft 365 Business Premium provides additional controls to those included in Exchange Online protection, based on the Microsoft Defender for Office 365 (Plan 1) suite. Wavenet can configure the following baseline controls:

- Safe Link and Safe Attachment scanning policies, whereby links and attachments on incoming mail are scanned and are accessed securely through a Microsoft sandbox for security.
- Impersonation protection
- External e-mail warning rules so that users can see that a mail originated outside the organisation.



Microsoft Intune

Device and Application Management

With Intune Mobile Device Management (MDM) and Mobile Application Management (MAM) it is possible to:

- Provide management of device configurations with policies that ensure operating systems and applications are up to date, enforce strong authentication and encryption, and that only secured and authorised devices are in use.
- Protect data within Microsoft applications on mobile devices to reduce deliberate or accidental data leakage, between and within applications.
- Use Apple Business Manager and/or Android Enterprise Enrolment to enable supervised mobile device deployment and management.
- Co-manage devices with your existing on-premises servers, or enrol for full cloud-management, depending on your current infrastructure and business needs.
- Reduce setup time and improve consistency of new device deployment by leveraging Autopilot. This tool allows new devices to be pre-configured by IT administrators, or Wavenet, and shipped directly to end users who can start working with minimal additional support.

Microsoft Intune

Features and benefits

Manage devices from a central console	Deploy and update software	Configure settings	Enforce policies	Monitor with data and reports	Remote administration	Maintain networks of common OS	Optimize devices for business use	Automate policy management	Cloud-attach on-prem Configuration Manager

Mobile Device Management

Enroll user devices	Push apps on devices	Restrict devices to a specific OS	Block personal devices	Remove data from lost or stolen devices	Security/protection

Mobile Application Management

Allow personal devices to access org resources	Prompt users to authenticate	Remove data from lost or stolen devices	Security/protection

www.wavenet.co.uk | contact@wavenet.co.uk | 0333 234 0011

4

Defender for Business

Microsoft Business Premium provides access to Microsoft Defender for Business, which includes centralized management, simplified client configuration, vulnerability management, next-generation protection, and other vital capabilities. The optional upgrade to Defender for Endpoint Plan 2 adds advanced features such as threat hunting and extended data retention.

Wavenet can configure this application with the following security controls.

Next generation anti-virus protection

Microsoft Defender for Business has advantages over other solutions due to the level of integration that can be achieved with the wider Microsoft security environment. Microsoft Defender for Business can be configured on devices with supported operating systems (selected versions of Windows, Mac OS, and Linux) as the primary anti-virus solution on endpoints.

Attack surface reduction (ASR)

Attack surface reduction has a pre-requisite of the Microsoft Defender for Business being active as the primary endpoint anti-virus solution. Wavenet has an extensive list of recommended rules and controls which can be applied to managed devices including:

- Ransomware protection
- USB device restrictions
- Control launching executable files

The extent to which these settings will be applied for an individual customer will be discussed and agreed during the discovery and detailed design stages of the project. The settings and their impact will be explored and explained.

Threat and vulnerability management

Wavenet has a recommended baseline set of controls for threat and vulnerability management. These include categories such as:

- Controlled folder access
- Restricting the behaviour of applications to normal day-to-day work
- Controlling removable storage access

The extent to which these settings will be applied for an individual customer will be agreed during the discovery and detailed design stages of the project.



CyberGuard Defender for Business

Wavenet CyberGuard Managed Service for Microsoft Defender for Business

As an optional addition, Wavenet can fully manage your Microsoft Defender for Business deployment 24/7/365 to maximise the effectiveness of this cutting-edge security technology.

Operating from CyberGuard's dedicated Security Operations Centre (SOC), our highly skilled team of security experts take responsibility for the implementation, configuration, and monitoring of our customers' environments, detecting, and investigating incidents and alerts in line with our priority-based SLA system.

The following is included in the service:

- Triage and Investigation of alerts from the supported technologies & platforms
- Carry out response actions based on alert investigation findings i.e., isolation of devices, removal of malicious files etc.
- Continual development and maintenance of the supported technologies to provide the highest level of protection against the latest and emerging threats whilst considering the requirements of the business.
- Ongoing development and implementation of detection analytics across the technologies used, to defend against threats appropriate to the organisations threat landscape.

All alerts investigated and followed up within our defined priority-based SLAs:

Priority	Time to first response	Time to resolution
Critical	15 minutes	1 hour
High	15 minutes	2 hours
Medium	1 hour	4 hours
Low	4 hours	24 hours

Microsoft Licensing

Microsoft 365 Business Standard provides access to cloud-based information storage, e-mail and the wider Microsoft Office applications for organisations with 300 employees or less.

Microsoft 365 Business Premium adds further security to a company's information systems through the provision of the Microsoft Defender for Business and Microsoft Defender for Endpoint suite of products.

Category	Applications	Microsoft 365 Business Standard	Microsoft 365 Business Premium
Office applications	Exchange and Outlook (e-mail and calendar) PowerPoint Excel SharePoint Access (PC Only) Publisher (PC Only)	✓	✓
Collaboration, file storage, document management	Teams SharePoint OneDrive	✓	✓
E-mail security	Exchange Online Protection	✓	✓
	Exchange Advanced Threat Protection		✓
Identity and Access	Multi-factor authentication	✓	✓
	Azure Active Directory P1		✓
	Risk-based conditional access		✓
Endpoint Management and Security	Mobile Device Management Mobile Application Management		✓
Defender for Business Note: Microsoft Defender for Business can be applied to Up to five devices per user	Threat and vulnerability management Attack surface reduction Next-generation anti-virus protection Endpoint detection and response Automated investigation and response		✓

Solution Design & Delivery

Pre-contract



Identify requirements and high level gaps between the existing service provision and the desired secure configuration

Scope the software and services that are required

Provide a high level design and proposal to confirm the scope and cost of the required software and services

Implementation discovery and design



Wavenet will undertake a more detailed discovery and design exercise to identify the specific controls that will be implemented.

The detailed design will identify the responsibilities of Wavenet and the customer, high level impact on users, considerations for IT processes and policies, and roll-out.

Run any pilot stages and User Acceptance Testing

Solution Implementation



The implementation will proceed in accordance with the agreed design and delivery plan.

This may include phases or implementation and deployment to groups of pilot users prior to company wide roll-out.

Support and Managed Service



Full handover into Support with the design documentation pack.

WAVENET.CO.UK

0333 234 0011

Wavenet Limited
One Central Boulevard
Blythe Valley Park
Solihull, West Midlands
B90 8BG
contact@wavenet.co.uk

wavenet



Networking
& Connectivity



Unified
Communications
& Voice



Contact Centres



Mobile Solutions
& IoT



IT, Cloud
& Technology



Network
Intelligence



Cyberguard