

Microsoft 365 Business Security Features

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What is Microsoft 365 Business



Productivity

Office Applications

Word, Excel, PowerPoint, Outlook, and more

Online Services

Exchange, OneDrive (1TB), Teams, and more

Advanced Services

Exchange Online Archiving



Advanced Security

External Threat Protection

Office 365 Advanced Threat Protection
Multi-Factor Authentication
Enforce Windows Defender Exploit Guard
Enforce BitLocker encryption

Internal data leak prevention

Data Loss Prevention
Azure Information Protection



Device management

Device management

Microsoft Intune
Single Sign On (SSO) > 10 apps

Deployment assistance

Windows AutoPilot
Auto-installation of Office apps
AAD Auto-enroll



Additional benefits

Consistent security configuration across Windows 10, macOS, Android, and iOS devices

Upgrade from Windows 7 Pro or Windows 8.1 Pro to Windows 10 Pro at no additional cost

99.9% financially-backed uptime guarantee; 24x7 online and phone support

Microsoft 365 Business | Simplifying SMB technology investment

Archiving
Device Management
Cloud identity management
Chat-based teamwork
Email Filtering
Device Anti Virus
Online Meetings
File Storage
Productivity Software

Office 365 Business Premium
Windows 10 Business
Intune
Office 365 Advanced Threat Protection
Azure Information Protection P1
Data Loss Prevention
Exchange Online Archiving
AAD Features

Microsoft 365 Business

A single, integrated solution with support for hybrid identity

3rd party solutions >\$100

Microsoft offerings

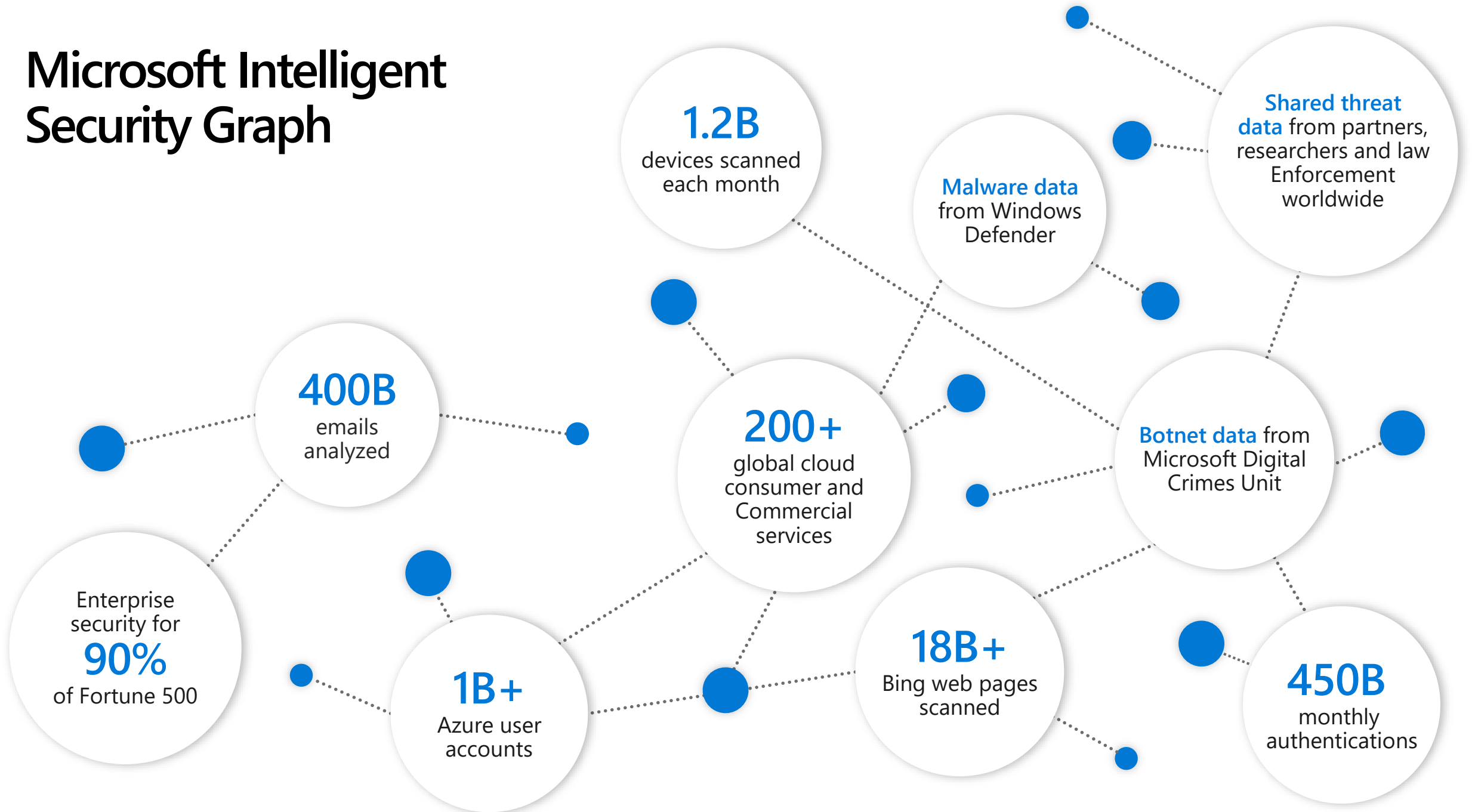
\$20

Detailed comparison of plans

Features (new in blue)		Office 365 BP	Microsoft 365 Business	Microsoft 365 E3	Microsoft 365 E5
	Estimated retail price per user per month \$USD (with annual commitment)	\$12.50	\$20	\$32	\$57
	Maximum number of users	300	300	unlimited	unlimited
Office Apps	Install Office on up to 5 PCs/Macs + 5 tablets + 5 smartphones per user (Word, Excel, PowerPoint, OneNote, Access), Office Online	Business	Business	ProPlus	ProPlus
Email & Calendar	Outlook, Exchange Online	50GB	50GB	unlimited	unlimited
Chat-based Workspace, Meetings	Microsoft Teams	●	●	●	●
File Storage	OneDrive for Business	1 TB	1 TB	unlimited	unlimited
Social, Video, Sites	Yammer, SharePoint Online, Planner	●	●	●	●
	Stream			●	●
Business Apps	Scheduling Apps – Booking, StaffHub	●	●	●	●
	Business Apps – Outlook Customer Manager, MileIQ ¹ , Invoicing	●	●		
Threat Protection	Microsoft Advanced Threat Analytics, Device Guard, Credential Guard, App Locker, Enterprise Data Protection, Office 365 Advanced Threat Protection		●	●	●
	Windows Defender Advanced Threat Protection				●
	Office 365 Threat Intelligence				●
Identity & Access Management	Azure Active Directory - SSPR Cloud Identities, MFA, SSO >10 Apps		●	●	●
	Azure Active Directory - Conditional Access, SSPR Hybrid Identities, Cloud App Discovery, AAD Connect Health			●	●
	Credential Guard and Direct Access			●	●
	Azure Active Directory Plan 2				●
Device & App Management	Microsoft Intune , Windows AutoPilot		●	●	●
	Microsoft Desktop Optimization Package, VDA			●	●
Information Protection	Unlimited Exchange Archiving³ , Office 365 Data Loss Prevention , Azure Information Protection Plan 1		●	●	●
	Azure Information Protection Plan 2, Microsoft Cloud App Security, O365 Cloud App Security				●
On-Prem CAL Rights	ECAL Suite (Exchange, SharePoint, Windows, SCCM, Win. Rights Management)			●	●
Compliance	Litigation Hold , eDiscovery , Compliance Manager , Data Subject Requests		●	●	●
	Advanced eDiscovery, Customer Lockbox, Advanced Data Governance				●
Analytics	Power BI Pro, MyAnalytics				●
Voice	PSTN Conferencing, Cloud PBX				●

[1] Available in US, UK, Canada; [2] Currently in public preview in US, UK, Canada; [3] Unlimited when auto-expanding turned on

Microsoft Intelligent Security Graph



Stopping cyber attacks

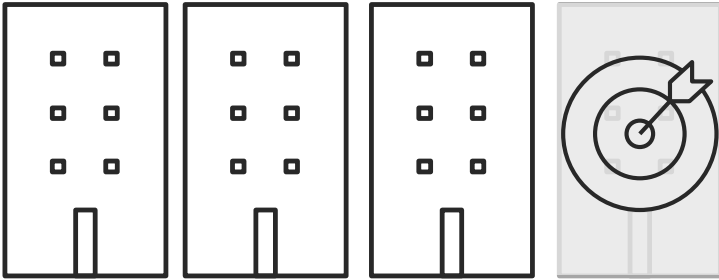
Real-world intelligence at work

- Emotet: Patient zero to quarantine in milliseconds
- Ursnif: Spotting the needle in the haystack
- Phishing campaigns



Cybercriminals target businesses of all sizes

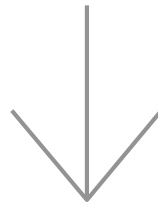
One in four SMBs targeted ⁽¹⁾



24% customer's privacy violated
20% trade secrets leaked

Average loss ⁽²⁾

\$79,841

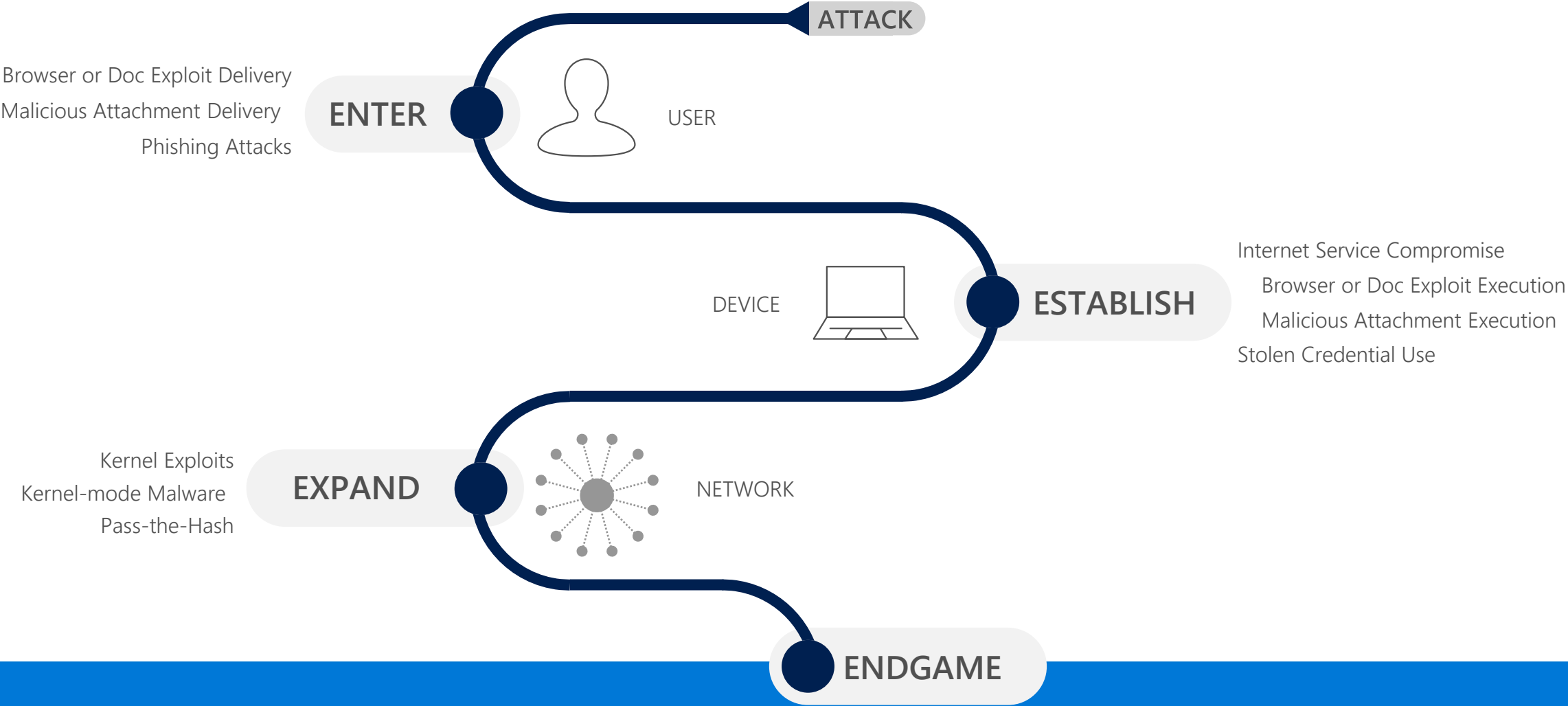


33% spent more solving the problem
than it would have cost to prevent it ⁽¹⁾

(1) Source: Small Business Cyber Security Study, Microsoft & YouGov, April 2018

(2) Source: Better Business Bureau "2017 State of Cybersecurity Among Small Businesses in North America." https://www.bbb.org/globalassets/shared/media/state-of-cybersecurity/updates/cybersecurity_final-lowres.pdf

Anatomy of an **attack**



BUSINESS DISRUPTION LOST PRODUCTIVITY DATA THEFT ESPIONAGE, LOSS OF IP RANSOM

What do most attacks have **in-common**?

Phishing
attacks

Stolen
credentials

Pass-the-hash
(PtH) attacks

Insider
attacks

Fabric
attacks

Central risk: **Administrator privileges**

Administrative
Privileges

Most attack-types seek out & exploit privileged accounts

These privileged accounts have the keys to the kingdom; we gave them those keys decades ago

But now, those administrators' privileges are being compromised through social engineering, bribery, coercion, private initiatives, etc.

Demo:

Configure security policies

For Questions

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Thank you