

3 SECURITY CHALLENGES FOR THE MODERN WORKPLACE, AND HOW MICROSOFT 365 CAN HELP

How Microsoft 365 can help SMBs overcome key security challenges and thrive in an increasingly competitive marketplace.

Right now, the modern workforce – and the modern IT professional – is facing three distinct security challenges:

The mobile workforce

Ensuring mobile device security while providing employees with the level of mobility and freedom they need to operate at their most efficient and productive.

Data protection and legislative compliance

Protecting and securing customer information in light of new data regulations here in Australia and in Europe.

Managing business risk

Keeping the company's infrastructure and information secure, with cyber-attacks on the rise, and statistics indicating that 43% of cyber-attacks target small business¹

How Microsoft 365 can help

With a raft of rigorous new security features, Microsoft 365 offers vital new levels of protection and compliance, while enabling your workers to connect and stay productive, regardless of where they happen to be.

The approach taken to security within Microsoft 365 is:

- **Holistic** – address security across users (identities), devices, data, apps and platforms – on-premises and in the cloud.
- **Identity driven** – one protected common identity for secure access to all corporate resources, on-premises and in the cloud, with risk-based conditional access.
- **Persistent** – reliable and ever-present data protection on-premises and in the cloud, with innovative and sophisticated technologies.
- **Intelligent** – enhances threat and anomaly detection with the Microsoft Intelligent Security Graph driven by a vast amount of datasets and machine learning in the cloud.

Specifically, here's how Microsoft 365 helps you respond to the most common security challenges ...

1. The mobile workforce

The modern worker is no longer sedentary or desk-bound. To operate at their most efficient, today's worker expects to be able to work and collaborate from anywhere, at any time, and on any device. However, this necessary increase in mobility can be a major headache for IT teams who are tasked with security and data protection.

37% of the modern workforce is now mobile²

The modern worker spends **50%** more time in collaborative activities³

75% of workers say their employees don't give them access to the latest technology to do their job efficiently⁴

2/5 employees state they would quit their jobs over poor workplace technology⁵

21% greater productivity among teams with high employee engagement⁶

21% greater profitability for highly engaged business units⁷

How Microsoft 365 can help

Microsoft 365 can help businesses secure their mobile workforce, by providing sophisticated and reliable device management.

This includes:

- Mobile device and app management with Intune to protect corporate apps and data on any device.
- Enforcing device security policies such as encryption, password/PIN requirements and more.
- Data separation - multi-identity allows you to separate company data from personal data within an app.

- Always up-to-date Office, Windows and Windows Defender anti-virus.
- Data security and policies - including selective data wipe, Azure Information Protection and Intune app protection.
- Device data encryption with BitLocker enforcement to protect data if a device is lost or stolen.

2. Data protection and legislative compliance

	Australia: Notifiable Data Breaches (NDB) scheme	Europe: General Data Protection Regulation (GDPR)
For	Any Australian business governed by The Privacy Act 1988 that holds or processes customer data.	Australian businesses with an establishment in the EU, or that offer goods and services in the EU, or that monitor the behaviour of individuals in the EU.
Businesses must	<ul style="list-style-type: none">• Develop transparent information handling practices and business accountability.• Actively implement measures to ensure compliance. Take a privacy-by-design approach to compliance, or risk significant fines.• Disclose any breaches that are likely to result in serious harm to an individual.	
Failure to comply	Fines up to \$2.1 million.	Fines of up to €20 million or 4% of annual worldwide turnover, whichever is greater.

How Microsoft 365 can help

The new Microsoft 365 includes a range of sophisticated privacy and data control measures, manages how sensitive content is accessed, and prevents it from leaving the organisation.

- **Classification and labeling:** classify data based on sensitivity and add labels – manually or automatically.
- **Protection:** encrypt your sensitive data and define usage rights or add visual markings when needed.
- **Collaboration:** safely share data with people inside and outside of your organisation.
- **Control:** define explicit permissions for recipients, e.g, allow people to view and edit, but not print or forward.
- **Monitor:** use detailed tracking and reporting to see what's happening with your shared data and maintain control over it.

3. Manage business risk

The risk of cyber-attack is increasing constantly, and evidence suggests small-to-midsize businesses are the most vulnerable.

43% of cyber-attacks target small business⁸

60% of attacked SMBs go out of business within 6 months⁹

\$275k is the average cost of a cyber-attack in Australia¹⁰

72% of SMB owners feel vulnerable to cyber-attacks¹¹

How Microsoft 365 can help

When it comes to keeping your business safe from cyber-attacks and other security threats, the new Microsoft 365 includes a wide range of sophisticated features.

This includes:

- User and entity behavioral analytics - to ensure protection from advanced targeted attacks:
 - Monitors behaviors of users and other entities by using multiple data-sources
 - Profiles behavior and detects anomalies by using machine learning algorithms
 - Evaluates the activity of users and other entities to detect advanced attacks
- Microsoft's Advanced Threat Protection and Safe Attachments feature - to help catch suspicious attachments.
- Link scanning and checking - prevents users from clicking suspicious links.
- Windows Exploit Guard Enforcement - prevents devices from ransomware and malicious websites at device end points.

1. Small Business Trends, CYBER SECURITY STATISTICS - Numbers Small Businesses Need to Know, Jan. 3, 2017. 2. Strategic Analytics, Global Mobile Workforce Forecast, 2015. 3. Harvard Business Review, January - February Issue 2016, 'Collaborative Overload'. 4. The Staples Business Advantage Workplace Index: Measuring Workplace Trends and Work Culture, 2016. 5. US Future-Ready Workplace Study, 2016. 6. Gallup, Managing Employee Risk Requires a Culture of Compliance, 2016. 7. Gallup, State of the American Workplace, 2017. 8. Small Business Trends, CYBER SECURITY STATISTICS - Numbers Small Businesses Need to Know, Jan. 3, 2017. 9. Small Business Trends, CYBER SECURITY STATISTICS - Numbers Small Businesses Need to Know, Jan. 3, 2017. 10. Data sources: PWC Global Economic Crime Survey 2014; ABS Count of Australian Businesses 2014; ABS Business use of Information Technology - 2014; Ponemon Institute Cyber Security Report 2014; Symantec; Internet Security Threat Report 2015. 11. Data sources: PWC Global Economic Crime Survey 2014; ABS Count of Australian Businesses 2014; ABS Business use of Information Technology - 2014; Ponemon Institute Cyber Security Report 2014; Symantec; Internet Security Threat Report 2015.

Business or Enterprise edition?

To cater for the needs of businesses of all sizes, Microsoft 365 is available in two editions: Microsoft 365 Business (ideal for businesses with a maximum of 300 users) and Microsoft 365 Enterprise (ideal larger organisations looking for a comprehensive solution, and available in an E3 or E5 version).

How can Brennan IT help as your Microsoft 365 partner?

- Extensive experience and expertise with the entire Microsoft suite of products, including Microsoft 365
- Unrivalled end user support and managed service through our Desktop as a Service solution
- Fast and easy procurement
- Competitive pricing
- Ongoing support and expert advice
- A single point of contact for any potential issues, and a 24/7 service desk

Want to learn more about Microsoft 365?

Visit our Microsoft 365 resource centre

Here you'll find a range of resources and tools to help you learn more about Microsoft 365, understand the key benefits, and determine if it's right for your business. Go to:

<https://www.brennanit.com.au/products-services/buy-hardware-software/microsoft-365/>

Get in touch

Contact one of our expert team members who will be able to provide you with guidance and the information you need on Microsoft 365 and your level of organisational readiness.

You can call us on **1300 500 000** or email marketing@brennanit.com.au and one of our team members will be in touch ASAP.