

E-book

Defend, Protect and Secure with Microsoft 365 Business Premium

 Microsoft 365



The quest to improve security and accelerate productivity

In a recent [survey](#) conducted by Microsoft®, 73% of CISOs indicate that their organization has encountered leaks of sensitive data and data spillage within the last 12 months, and that they plan to spend more on insider risk technology due to the COVID-19 pandemic. Together, Microsoft and Rackspace Technology™ have provided a few notes on how you can improve security and productivity with Microsoft 365 Business Premium — the comprehensive solution for your IT needs.

Read on to learn more about:

1. Microsoft 365 Business Premium
2. Defending against threats
3. Protecting business data
4. Easily securing and managing your devices
5. Modernizing your security operations and enabling remote work scenarios
6. Determining when to upgrade
7. Accessing expert support





An introduction to Microsoft M365 Business Premium

Microsoft spends billions of dollars every year on cybersecurity R&D. On top of this, Microsoft employs thousands of cybersecurity experts to constantly improve the speed, responsiveness and strength of its security services. Then there's the thousands of people monitoring and neutralizing the threats and attacks spreading around the globe. The result is a global cloud with [more security certifications](#) than anyone else. Right now, the largest organizations in the world store their most sensitive data in Microsoft's cloud — and they don't lose a minute of sleep.

Microsoft M365 Business Premium

Office apps and services	Advanced security + management	For 1-300 employees
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After building out this security apparatus, Microsoft had the idea to package all of this into a single product tailored for businesses with 300 employees or fewer. It's called Microsoft 365 Business Premium (formerly Microsoft 365 Business). It integrates Office applications and services like Microsoft Teams with a cloud-based security solution that helps you defend against threats, protect your business data and secure your devices. It also improves collaboration and efficiency and makes IT management simpler.

If you're currently using stand-alone products for device management, identity protection, encryption, information protection and all your other security needs, it's likely consuming more time and resources than necessary.

Things you may be wondering about:

Q: Where can I learn more about specifics of what capabilities are in Microsoft 365 Business Premium?

A: The Microsoft 365 price and compare plan is a good starting point.

Q: What if I don't want to use the simplified UI?

A: Microsoft 365 Business Premium includes the ability to use full administration centers if needed.

Q: What is the difference between Microsoft 365 Business Standard and Microsoft 365 Business Premium?

A: Microsoft 365 Business Premium includes everything in Microsoft 365 Business Standard plus advanced security and management. Microsoft 365 Business Premium helps you defend against cyberthreats, protect business data and secure and manage your devices.



Defending against threats

Your top security threat today can be summarized in one word: **phishing**. Because 90% of attacks start with an email, the prevention of phishing can reduce your attack vector.

Gone are the days when phishing attacks were easy to spot: The bad grammar, the unearned but freely given compliments and the claims of royal affiliation in countries without monarchies.

But today, the phishing attacks are so perfectly designed that many of the experts trained to find them can be fooled. In addition, many types of malware are so brilliantly engineered that they can sweep the globe before conventional anti-virus or security tools even know they exist. Plus, these programs know how to hide, re-write themselves and cover their tracks once they're in your system.

To combat advanced threats, you need protection that's even more sophisticated. One method to accomplish this is by leveraging Microsoft 365 Business Premium (formerly Microsoft 365 Business). The cyber defenses of Microsoft 365 Business Premium are built on something called the Intelligent Security Graph. Anytime a new threat is detected anywhere on earth, the rest of the network is automatically updated.

Microsoft Defender for Office 365

One of the security tools offered by Microsoft 365 Business Premium is called Microsoft Defender for Office 365, which includes these three safeguards:



- 1. Safe Links:** Any security software will scan the links in your emails to see if they'll redirect to a malicious site. But a particularly clever phishing attack will send an email that contains harmless links. Then, after that message hits your inbox, will detect that it passed your filters and change those links to something malicious. It's brilliant and, unfortunately, also very effective. To combat this, Safe Links double-checks every link at the time you click on it to see if you're about to be sent somewhere dangerous. Safe Links also works great on Office documents, too — not just email.
- 2. Safe Attachments:** Like Safe Links, this opens every email attachment that your company receives in a virtual environment, then watches what happens next. If strange behavior indicates that a cyberweapon is deployed, that file will never reach your inbox.
- 3. Anti-phishing intelligence:** This tool learns the way everyone in your organization communicates (and who they communicate with) so that when an unnatural or unusual string of communications begins, the system can accurately gauge that one of those accounts is being controlled by an attacker.

There are two other big ways Microsoft 365 Business Premium can help defend against cyber threats:

- 1.** You get advanced multi-factor authentication (MFA) beyond what's already available in Microsoft 365 Business Standard. For example, you can choose to bypass MFA from trusted locations (like your own office IP address), or you can completely prohibit access from places you don't have any employees. This helps block attempted attacks and data loss since you'll know immediately that those people logging on from another country aren't authorized.
- 2.** You can enforce Microsoft Defender on your Windows 10 PCs with enhanced protection against ransomware and malware. Start planning what you'll do with the money you save by cancelling your subscription to other third-party antivirus products once you have Defender up and running.

Things you may be wondering about:

Q: Which Microsoft Defender for Office 365 capabilities are included in Microsoft 365 Business Premium?

A: Everything in Microsoft Defender for Office 365 (Plan 1).

Q: What specific multi-factor authentication capabilities are included?

A: Full featured use of Azure Multi-Factor Authentication.

Protecting business data

Every business — from a taco truck to a hedge fund — has information it doesn't want exposed online. It might be customer data, secret recipes or financial records.

No matter the type of data, you have an obligation to your customers to protect it — and Microsoft 365 Business Premium (formerly Microsoft 365 Business) believes it has an obligation to make this possible.

Managing each piece of data security is a full-time job. Instead of spending all your time managing a catalog of different products to cover your security needs, Microsoft 365 Business Premium offers an automated, AI-powered data protection solution that monitors the way data is moving inside your organization and helps prevent sensitive data from being stolen or accidentally shared.

Here are four ways Microsoft 365 Business Premium can protect your most important data right now.

- 1. Data Loss Prevention:** Microsoft 365 Business Premium can automatically detect when an email you're about to send includes sensitive data like credit card info, social security numbers and dozens of other confidential data types. If you're just conducting normal business, then you carry on as normal. But, if you accidentally forget which type of data is included, it's a welcome safety net. There are even templates that can conform to geographic or industry-specific regulatory requirements.
- 2. Encryption of email and documents:** If you need to send sensitive data to a partner or customer outside your organization (like an accountant or a hospital) you can encrypt that email with just one click. This ensures that only the intended recipient with the right credentials can open the email — no matter where it goes.
- 3. Information protection:** You can use this function to control who has access to company information — whether it's in an email or a document — by applying restrictions that prevent people from forwarding, copying or printing.
- 4. Archiving:** This is another function that's been made simple for when you need to preserve email and documents for legal reasons, or if you need to access an employee's email or files after they leave the company.

Things you may be wondering about:

Q: Will these information protection features stop an employee determined to steal information from my company?

A: No. Although they may make it more difficult for an employee to steal data, they are primarily designed to protect against accidental leaks. A motivated employee can bypass protections such as "Do not Print" by taking a photo of the computer screen, for example.

Q: What encryption and information protection features are included in Microsoft 365 Business Premium?

A: Everything in Azure Information Protection Premium P1.

Q: Are the data loss prevention and archiving capabilities in Microsoft 365 Business Premium the same as in Office 365 Enterprise E3?

A: Yes, they are the same.



Easily securing and managing your devices

Considering how many different phones, tablets and laptops your company is using, it's a full-time job just keeping track of how they're all being managed, secured and knowing what data is moving from Point A to Point B.

Point A is usually somewhere in your network, so that's fine. The real problems start when Point B is suddenly deep within a country that doesn't enforce the limited nature of our cyberterrorism jurisdiction.

Also keep in mind that not only is data constantly in motion and moving between devices, but those devices are always in motion, too. Laptops are easy to steal, tablets get lost all the time, and phones are constantly being left in cabs, planes and parks. Whenever those devices go missing, the company information on them is at risk.

Device management solutions

Microsoft 365 Business Premium brings with it a comprehensive yet easy-to-use device management solution powered by Microsoft Intune that helps keep your devices and data secure and your workers productive. It's used by Fortune 100 companies and it works across iOS, Android, Mac and Windows.

Intune is a great solution, whether you need to wholly manage company-owned devices with Mobile Device Management or you're using a lighter touch to manage company information on personal devices with Mobile Application Management (MAM).

MAM is typically used for devices that aren't owned by your employees, like personal phones or laptops. This type of management gives you control of company-owned email and files — but personal data, like pictures and texts, are not controlled with MAM.

With MAM, your workers can use their personal devices to do their job without worrying that IT is controlling it. If a MAM device is ever lost or stolen, it's simple to wipe all the corporate data from it.

Mobile Device Management (MDM) is the best option if your organization issues company-owned devices to your employees for work use. With MDM, you can centrally manage everything on the device, install applications on it, restrict the functions or usage and block recreational usage, just to name a few options.

As with MAM, if an MDM device is ever stolen, wiping the corporate data or doing a full factory reset is easy.

With Microsoft 365 Business Premium device management, you can enforce minimum security requirements for any device connecting to your network. This allows you to apply security policies and control where data is saved on a device, and you can selectively wipe the corporate data off a device if it's lost or stolen.

Using Conditional Access, you can control which devices reach your Office apps and services data, and allow or deny access depending on when the user is logging in, their location while attempting to access it, what applications they are using, and if it is outside of normal working hours. Parameters like these can automatically eliminate thousands of inbound threats.

The list of other security features just keeps going — and, with the regular security updates to Microsoft 365 Business Premium, the list keeps getting better and longer.

Things you may be wondering about:

Q: How does this solution know what data on a mobile device is company data versus personal data, when a selective device wipe is performed?

A: The solution restricts company data to approved applications and accounts, so that work email is kept in Outlook and work files are kept in OneDrive for Business. This is the data that is deleted when a device wipe is triggered.

Q: Does Microsoft 365 Business Premium include support for Windows Virtual Desktop?

A: Yes. Microsoft 365 Business Premium gives subscribers access to Windows Virtual Desktop which delivers multi-session Windows 10, Office optimizations and support for Remote Desktop environments.



Things you may be wondering about:

Q: Is the license for Windows 10 included in the price of Microsoft 365 Business Premium?

A: No, just the rights to upgrade from Windows 7 Pro or 8.1 Pro to Windows 10. Not the full Windows license.

Modernizing your security operations and enabling remote work scenarios

The power of the Microsoft 365 platform is the centralized control over all the above security objectives. Whether you're defending against external threats with Microsoft Defender or Exchange Online protection, protecting valuable business data with DLP or Information Protection, or securing corporate or BYOD devices you can control and monitor those efforts in one place. The comprehensive security tools at your disposal allow you to modernize your security operations without the complications of managing disparate point solutions.

This level of control is critical when enabling a remote workforce. Likely, your IT resources are stretched thin and working toward an integrated solution will provide the protection required with the least amount of effort and cost.

Determining when to upgrade

In January 2020, support for Windows 7 came to an end, and, in October 2020, so did support for Office 2010. These products have had a good run, but new technology has improved upon their core functions.

This is what Microsoft 365 Business Premium can do for you:

- Windows 10 has been built from the ground up with security in mind. This operating system has been hardened against malware and cyberterrorism, and it is powered by the AI of the Intelligent Security Graph.
- The Windows 10 experience is also purposefully built to give your users an experience that's designed for the modern workplace.
- Moving to Microsoft 365 Business Premium (formerly Microsoft 365 Business) is easy because it includes the upgrade from Windows 7 Pro and 8.1 Pro, and, because this is subscription based, you'll always have the most current version of Office moving forward.
- Once you have Microsoft 365 Business Premium, you can use Windows Autopilot to automatically configure the way you want to set up Windows 10 on every new PC you buy. This saves a lot of IT hassles, and it gets new users up and running in a fraction of the time.

To be clear, Microsoft 365 Business Premium doesn't require you to upgrade to Windows 10. If you do stick with an older version of Windows, you'll still get all of the benefits, with the exceptions of modern Windows management and some cybersecurity features of Microsoft Defender.

Accessing expert support

There's never been a better time to achieve more with Microsoft 365. You can improve productivity and reduce your IT burden with innovative Office applications, intelligent cloud services and world-class security for your business — and Rackspace Technology is here to get you up and running.

Rackspace Technology partners with you every step of the way in your journey to the Microsoft cloud, from advisory services through implementation, to ongoing management and optimization.

- **Access to the experts:** With over 1,500 Microsoft Certified Professionals, we'll help you configure and manage your solution, so you get the most out of your investment.
- **A perfect fit:** Our advisors can help you identify the appropriate Office 365 or Microsoft 365 licenses for your business needs.
- **Premium admin portal:** Simplify administrative tasks using a control panel designed for easy and efficient management.
- **24x7x365 support:** Day or night, get around-the-clock access to award-winning support with unlimited requests and no per-incident charges.

To learn more about Rackspace Technology support offerings for Microsoft 365 and how we can help your business become more secure, visit our [Microsoft 365 overview page](#).

About Rackspace Technology

Rackspace Technology is the multicloud solutions expert. We combine our expertise with the world's leading technologies — across applications, data and security — to deliver end-to-end solutions. We have a proven record of advising customers based on their business challenges, designing solutions that scale, building and managing those solutions, and optimizing returns into the future.

As a global, multicloud technology services pioneer, we deliver innovative capabilities of the cloud to help customers build new revenue streams, increase efficiency and create incredible experiences. Named a best place to work, year after year according to Fortune, Forbes, and Glassdoor, we attract and develop world-class talent to deliver the best expertise to our customers. Everything we do is wrapped in our obsession with our customers' success — our Fanatical Experience™ — so they can work faster, smarter and stay ahead of what's next.

Learn more at www.rackspace.com or call 1-800-961-2888.

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