UPGRADE THE WAY YOU WORK

WHY WINDOWS 10 HELPS INCREASE PRODUCTIVITY AND REDUCE COMPLEXITY

WHERE TO GO

Windows 10 Pro

Microsoft's latest OS is built to help you get more work done — and get it done faster.

Technology solutions should accomplish two primary goals: reduce complexity today and give your teams tools to prepare for tomorrow's growth. Technology is especially valuable when it delivers real productivity gains and helps you manage your work more effectively. Microsoft's new Windows 10 operating system (OS) is designed to do just that. Whether you're compiling data for teams across the country or delivering a presentation in the room down the hall, Microsoft's latest OS is built to help you get more done — and get it done faster.

Software updates can prove daunting when they require changing previously implemented solutions, leading IT professionals to ask, "Why bother?" To address these challenges and make upgrading as simple and cost-effective as possible, Microsoft has designed Windows 10 with compatibility in mind. Most upgrades won't require you to wipe and reload current software, meaning that essential apps and tools will continue to function after the migration process is complete.

Learn about the benefits of Windows 10 Pro, Microsoft's professional version of its new OS: the easy-to-use, intuitive interface for multiple platforms and devices, stronger data security solutions, and new management tools. We'll also outline factors to consider in deciding when and how to upgrade, and we'll break down why the right hardware — including the revolutionary 6th generation Core™ processors from Intel® — are critical for unlocking Windows 10's potential.

HOW WINDOWS 10 CAN HELP YOUR TEAMS PERFORM BETTER

WORK SEAMLESSLY ACROSS DEVICES

Informed by customer feedback, Windows 10 offers one interface for every device, including tablets, phones, smart machines, and desktops. Called Continuum, this interface lets you choose between a tablet– or desktop–optimized experience, with the ability to toggle between the two settings at will.

Windows 10 Pro

The user experience is familiar and consistent adapting to how individuals work best: from their desks, on the go, or in meetings.

This kind of customizability is especially useful if you're using a 2–in–1 laptop or other multimodal device — or using these devices alongside a desktop. Users can dynamically switch back and forth between the touch-optimized tablet mode (with full-screen apps) and the desktop with a Start Menu designed for a mouse and keyboard. The user experience is familiar and consistent across all form factors and adapts to how individuals work best: from their desks, on the go, or in meetings.

When you add the flexibility of the free, online storage of OneDrive®, the adaptability of managing multiple open programs through Virtual Desktops, the desktop power of Windows® 7, and the mobile-friendliness of Windows 8 you have the complete package for user satisfaction with Continuum.

CONVENIENT AND SECURE DEVICE ACCESS

To protect devices and user identities, Windows 10 offers two exciting new programs: Hello and Passport.

Hello offers a new way for users to log in, giving them the option of signing in with a fingerprint scan, iris scan, or facial recognition technology. With the help of the Intel® RealSense™ technology 3D camera, available on select Lenovo devices, Hello is incredibly effective at identifying people.

Adding to this capability, the new AZURE™ Active Directory simplifies user identities, so employees don't have to waste time logging in and out of services each time they use a new device. Signing into your profile on one device automatically signs you into your Windows Store and OneDrive accounts, making the login process simpler and quicker.

Passport moves away from relying on user-created passwords, which have proven vulnerable to cyberattacks. Instead Windows 10 prompts users to verify their identities with Hello, then create corresponding "public" and "private" keys for each account on a given service.

With Hello and Passport, users have more options for signing into their machines, while you can rest assured that your organizations devices have extra safeguards against cyber intrusion.

Windows 10 Pro

With security solutions designed to protect the world's largest companies and governments, everyone can breathe easy knowing they've got the toughest protection available.

IMPROVE DATA SECURITY

The combination of Hello and Passport narrows the possibility that a hacker could gain access to an individual's identity. But Windows 10 does more to address the growing trend of sophisticated cyberattacks that can compromise your data and reputation.

The BitLocker® encryption service has been improved to automatically start encrypting data on almost all new devices — even if that device is stolen or lost. This way, if a hacker does manage to compromise a machine, an administrator can shut down that device's access to apps, accounts, and data.

Beyond cyberattacks, the rise of the "bring your own device" culture has created new security risks. Anyone accessing personal and business-related information from the same device runs the risk of accidentally disclosing information through services like social media accounts and public cloud providers.

Windows 10's Enterprise Data Protection allows IT teams to neatly separate work from all other information. An administrator can wipe work-related data from a device with the press of a button while ensuring that personal data remains untouched. The tool also creates a clear separation of the two types of data, lowering the risk of accidental leaks.

Another Windows 10 tool, Device Guard, enables IT administrators to lock down a device and ensure it runs only trusted applications. This allows IT to transition from a mode where apps are trusted as a default unless proactively blocked, to a mode where the operating system trusts only apps affirmatively authorized.

Software is only one step toward full security. Hardware solutions like full-drive encryption, integrated fingerprint readers, and other built-in security components found in many Lenovo products are also critical for ensuring online security.

SIMPLIFY MANAGEMENT TASKS

Freeing your IT resources from burdensome management tasks allows them to provide strategic value elsewhere. With the unified device management, built-in app management capabilities, and a personal digital assistant, you can be sure that everything is functioning the same way on every device.

Windows 10 Pro

Reap the Windows 10 advantages with hardware that capitalizes on the strengths of the new OS.

You can manage all of your Windows 10 devices alongside your mobile devices with whatever mobile device management (MDM) solution you already have in place. Windows 10 allows for management by on-premises or cloud-based MDM solutions like Intune or PC management solutions like System Center Configuration Manager. You can even use the built-in MDM features of Office 365™, eliminating the need to purchase a separate management solution.

Without needing to purchase a separate app management solution, you can centrally acquire, distribute, and manage apps through your own category in the Windows Store using Private Catalog and the Business Store. You'll not only be able to support security measures but also distribute particular apps to specific roles, providing them with tools critical for their jobs.

Handling everyday tasks becomes even easier thanks to Cortana®, a virtual-assistant that can quickly save notes, help you search your hard drive, and track packages and upcoming flights. With voice-activated controls, Cortana can remind you about appointments, take email message dictation, and perform quick calculations while you're working on other tasks. Using Cortana is like having an assistant all the time.

With more powerful management tools, improved data security, and a better user experience across devices, you can focus less on technology and more on the tasks at hand.

WHAT TO CONSIDER BEFORE CHOOSING TO UPGRADE

The many advances found in Windows 10—combined with the free upgrade for qualified Windows 7 and Windows 8.1 devices—makes upgrading the right choice for everyone seeking a better way to work. Consider these factors as you prepare:

- **Priorities:** If you're going to implement new mobile devices or need to boost your data security, upgrading to Windows 10 is a powerful, simple first step.

- **Existing infrastructure:** Conduct an in-depth assessment of your current IT infrastructure and software. First, create a list of all the devices you use and cross-reference it against a list of devices that Windows 10 supports. (If you have Lenovo devices, you can use our

Windows 10 Pro

essential [Lenovo Supported Systems List For Windows 10 Upgrade](#).) If you use any systems that Windows 10 won't support, consider replacing them or installing new drivers before beginning the migration process.

- **Prior hardware investments:** If you plan to invest in new machines preloaded with Windows 10, think about the devices that are running older versions. To get the most out of the seamless cross-device experience that Windows 10 enables, upgrading your existing systems makes sense.

- **Migration timeline:** Create a timeline for which systems you'll update and when, considering things like fluctuations in workload or external demand. To help with deployment, Lenovo's In-Place Migration Services can help make the process fast, dependable, and hassle-free.

- **Application needs:** Determine whether your current software applications will run on Windows 10. The general rule is that all apps and programs that run on Windows 8.1 will run on Windows 10. Use the Windows 8.1 Upgrade Assistant to help prepare your software suite for the transition. If you're still running into software compatibility issues, Lenovo's Windows 10 Upgrade Guide is a helpful resource.

GET THE MOST OUT OF WINDOWS 10 WITH THE RIGHT DEVICES

Windows 10 represents a significant step forward for productivity. But you can truly reap its advantages with hardware that capitalizes on the strengths of the new OS.

Intel's new lineup of 6th generation Core processors, plus a host of other hardware upgrades, has arrived to help get more out of Windows 10. The new chips offer advances that, like Windows 10, can improve the overall user experience and security:

- A more efficient core to handle more instructions simultaneously

- Speed Shift, a power-saving technique that lets the CPU intelligently change its power state to maximize battery life

- Software guard extensions to reduce the possibility of malware attacks

- Greater graphics capabilities to support 4K video processing

Windows 10 Pro

Windows 10 has been designed to take advantage of the new chips' performance enhancements. The upgrade also brings out the best in other Intel innovations like Thunderbolt 3, USB Type-C ports and cables that can transfer data four times faster than previous USB generations, as well as the Intel RealSense technology 3D camera, which makes the gesture-based security features of Hello possible.

WHY LENOVO MACHINES MAKE SENSE WITH WINDOWS 10

If you're thinking about a hardware upgrade to take full advantage of Windows 10, it's important to consider systems that leverage Intel's innovations. Many Lenovo™ products are now equipped with the latest hardware. Several ThinkPad® laptops and ThinkCentre® desktops feature 6th generation Intel Core processors. Select mobile workstations, such as the Lenovo ThinkPad P50 and P70, have Thunderbolt 3 ports, and our ThinkPad Yogas feature optional Intel RealSense technology 3D cameras. Just as Microsoft has designed Windows 10 to serve as a real advancement in intuitive software, our lineup of high-performing machines have evolved to respond to anticipate the demands for flexibility, reliability, and feature-rich support.

Lenovo has developed additional technology that makes Windows 10 even more powerful. For more complete data protection, software innovations like Hello and Passport are supported by hardware solutions such as fingerprint readers and Trusted Platform Module chips for data encryption. Our desktop lineup features smart USB protection, password lock capabilities to secure access from Bluetooth™ devices, and a cleaner, safer preload of Windows 10, with only software provided by Microsoft, Intel, or Lenovo.

Lenovo solutions offer additional support for increased productivity. While the Windows 10 app Battery Saver promotes longer battery life, it helps that many Lenovo laptops and tablets have all-day batteries or Intelligent Sensing technology, which extends the battery life of ThinkPad Yoga machines by adapting the power management based on the mode. All of the vPro™-enabled ThinkCentre products are Intel® Unite™ compatible, giving users the ability to connect with any mobile device wirelessly. Windows 10's improved user experience realizes its full potential on ultrathin laptops like the ThinkPad X1 Carbon or the four working modes of the Lenovo Yoga 3 Pro.

Windows 10 Pro

WINDOWS 10 AND LENOVO: WORKING FOR YOU

Together, Lenovo and Microsoft create powerful solutions for a more agile and mobile world. Leveraging Lenovo devices and Microsoft Windows 10, IT professionals can provide their organizations with new levels of productivity, security, and usability to get more done today and grow in the future.

Want to learn more about our Windows 10-ready systems? For more information on how we can help your teams perform to their potential, visit http://solutions.lenovo.com.

Windows 10 Pro