

# Modern medicine needs modern technology

Healthcare and life sciences guide  
to OS migration and upgrades



Windows 11

Smarter  
technology  
for all

Lenovo



# Build your future on the latest technology

Today's healthcare organizations need the newest technology to be as secure and efficient as possible while improving patient, clinician, and staff experience — and taking full advantage of the latest AI capabilities.

Your device and infrastructure operating system is an essential foundation for a modern environment. Microsoft Windows 11 is here — and better than ever. Pairing it with Lenovo solutions powered by AMD processors is the perfect way to equip your organization for advances in care delivery, administration, and research.



**Easy for healthcare professionals to be productive and collaborative**



**Easy for IT to be efficient**

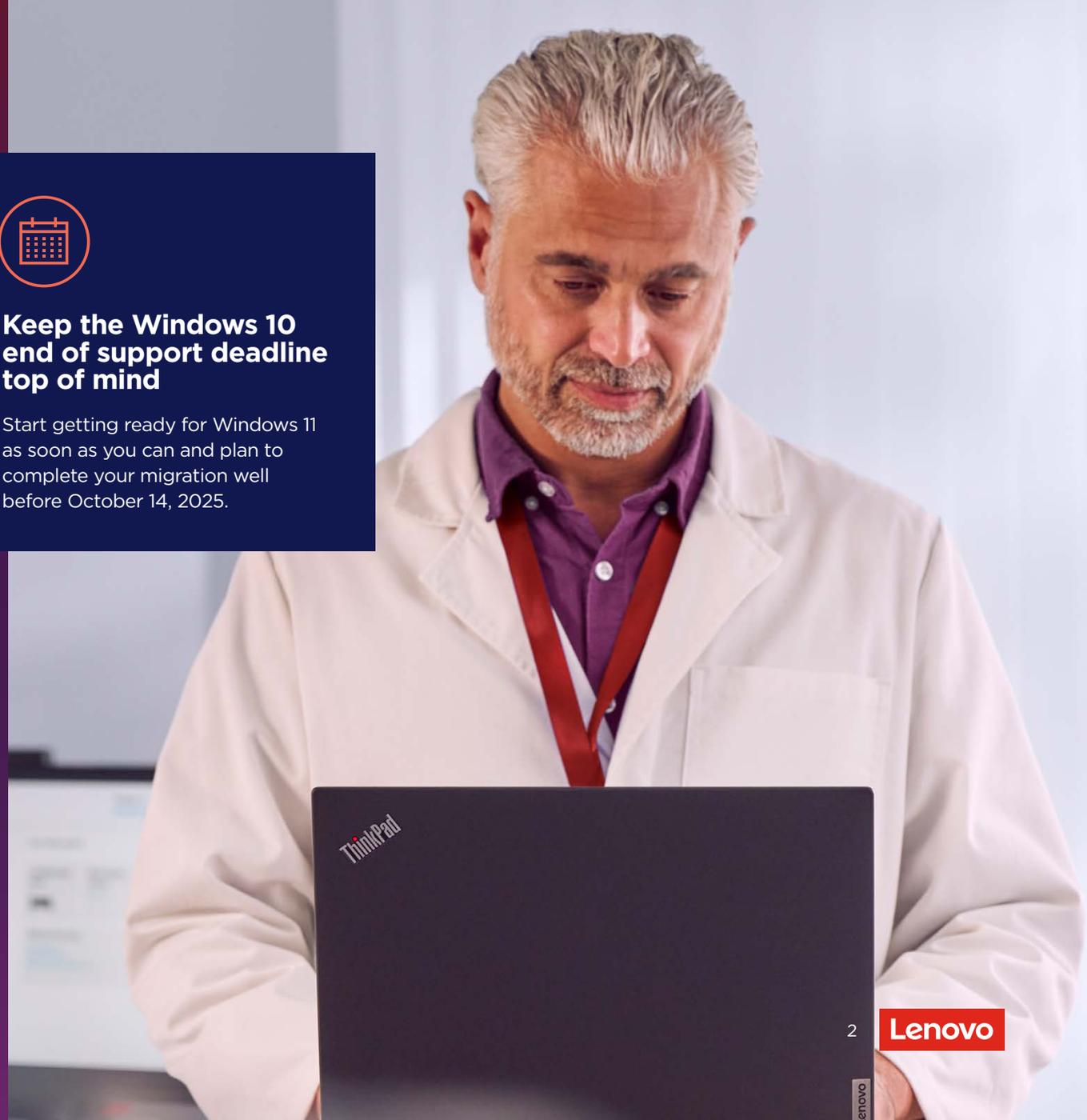


**Easy for all to be secure**



## Keep the Windows 10 end of support deadline top of mind

Start getting ready for Windows 11 as soon as you can and plan to complete your migration well before October 14, 2025.



# We understand your challenges

Healthcare and life sciences organizations often have complex IT infrastructures with a disparate range of systems, applications, and devices. This can significantly increase the time required for OS deployments and integrations. Healthcare-specific requirements pose unique challenges that can add complexity to OS upgrades or migrations.

- ✓ **Regulatory compliance.** Adhering to HIPAA's stringent regulations can add extra time for planning, execution, and testing the OS deployment processes.
- ✓ **Data security and privacy.** With healthcare's highly sensitive data, minimizing security risks and protecting patient information must be a top priority.
- ✓ **Legacy systems.** Still relied on by many healthcare organizations, legacy systems can be challenging to integrate with new OS deployments.
- ✓ **Resources.** Costs and staffing are chronic issues for today's healthcare organizations. Adequate budget and IT personnel are needed for efficient OS deployments.

**Lenovo's healthcare experts work closely with you to provide guidance and a complete selection of services for the smoothest possible upgrades and migrations.**



# Are OS deployments in mixed CPU environments more complicated, costly, and time-consuming?

## Recent research<sup>1</sup> says “No.”

There are, however, some special considerations to ensure success when upgrading or migrating in a mixed CPU environment.



**OS and driver compatibility.** Make sure the update is compatible with all your CPU architectures to avoid system instability and performance issues.



**CPU architecture differences.** Identify varying performance characteristics and consider how the update will impact overall system performance.



**Configuration and deployment.** Ensure your deployment method can handle a mixed CPU environment and your configurations don't cause any conflicts.



**Post-upgrade testing and monitoring.** Look for resource utilization issues, performance bottlenecks, or unexpected behaviors.



**Pilot deployment.** Consider a phased rollout approach to address any potential issues proactively.

## Snapshot of a research study<sup>1</sup>

- ✓ Two laptop OEMs, including Lenovo
- ✓ Two CPU brands
- ✓ Two deployment tools
- ✓ One resounding conclusion

The study compared OS deployments on laptops powered by two different processors, including AMD Ryzen™ PRO. It looked at the steps required to deploy and the amount of time it took — first tested with Microsoft Configuration Manager, then with Windows Autopilot.

- The deployment process was identical regardless of processor
- Hands-on admin time varied only slightly across laptops
- With Windows Autopilot, the AMD processor-powered PCs took less system time to complete deployment

**Bottom line:** If you have different CPUs in your environment, you can plan on the same process and the same amount of time to deploy an OS, regardless of processor.



# Lenovo + AMD + Microsoft make Windows 11 migration easy for healthcare IT

Partner with Lenovo for a smart deployment strategy. We deliver a range of services to get you up and running quickly and smoothly — from hands-on with the Lenovo Migration Assistant to completely hands-off with Lenovo TruScale, and everything in between.



## Windows 11 Readiness Assessment

We work with your team to analyze your environment and identify potential barriers or compatibility issues.



## Windows 11 Proof of Concept program

We help you migrate devices to Windows 11 so you can assess performance and create a test environment for future device rollouts.



## Lenovo Migration Assistant

Do-it-yourself file transfer via Wi-Fi with the fastest file migration software available.



## Windows Autopilot

Cloud-based service that allows PCs to be pre-provisioned remotely and deployed to end users fully configured.



## Lenovo TruScale Device as a Service (TruScale DaaS)

Future-proofed subscription-based technology with predictable costs and nothing upfront.



## Lenovo TruScale Infrastructure as a Service (IaaS)

Flexible, pay-as-you-go cloud-like experience with on-premises security.



## Lenovo Asset Recovery Services

Retire your old equipment and recoup value while disposing of devices responsibly.

# Migration planning, step by step

## 1 Enlist an expert

As a trusted Microsoft partner with certified global expertise and specialized healthcare experience, Lenovo helps you deploy, configure, and support solutions that unlock all the benefits of Windows 11.

## 2 Learn the system requirements

Review the basic and features-specific requirements for installing Windows 11 on a PC.

## 3 Inventory your fleet's compatibility

Determine which devices in your network meet the minimum system requirements. Healthcare organizations will be able to move eligible PCs directly to Windows 11 using Windows Update for Business.

## 4 Confirm with partners and check accessories

Most software and accessories that work with Windows 10 are expected to work with Windows 11. Check for details on your specific products.

## 5 Validate business-critical applications

Compatibility is a core tenet of Windows 11. Use Test Base for Microsoft 365 to test your applications in preview. If issues arise, Microsoft App Assure will remediate them.

## 6 Develop a rollout schedule

Keep the Windows 10 support deadline top of mind so you don't risk running an unsupported OS. Begin as soon as you can and plan to complete your migration well before October 14, 2025.



**Older devices may not be compatible with Windows 11. Consider upgrading to the new ThinkPad T14 and T14s, powered by AMD Ryzen™.**

# Product spotlights

Put the power of Lenovo + AMD + Microsoft to work for your hospital or health system with these and many more device and infrastructure solutions.

## Performance plus from AMD PRO technologies

- ✓ Balanced price and performance for powerful, affordable computing
- ✓ Support for cloud-based configuration technologies like Windows Autopilot
- ✓ PRO Manageability: A unified set of tools designed to:
  - Reduce maintenance and administrative costs
  - Patch emergent vulnerabilities efficiently across your fleet
  - Help secure your IT ecosystem
  - Facilitate remote device management



### LAPTOP

## ThinkPad® T14s Gen 6 powered by AMD

- AI PC with performance for Microsoft Copilot+ features
- Ideal for AI-driven processes for operational efficiency, clinical workflows, and administrative tasks
- Powered by AMD Ryzen™ AI PRO 300 Series processor with 50 TOPS



### WORKSTATION

## ThinkPad® P16s Gen 2 powered by AMD

- Workstation performance on the go
- Ideal for high-power mobile computing for electronic health record applications, data entry, medical billing, and hospital operations
- Powered by AMD Ryzen™ PRO processors



### DESKTOP

## ThinkCentre® M75q Tiny powered by AMD

- Big compute capability in a space-saving footprint
- Ideal for in-room patient care, mobile carts, and nursing stations
- Powered by AMD Ryzen™ PRO 8000 series desktop processors



### SERVER

## ThinkSystem® SR685a V3 and SR675 V3

- Accelerated compute for AI and HPC
- Ideal for AI training and inference, medical research, and genomics
- Powered by AMD EPYC™ processors



# Get ready for the future of healthcare and life sciences

Lenovo solutions are built to bring new efficiency to healthcare and life sciences — with the performance, security, productivity, and patient experience today's organizations need to stay competitive.

Together with AMD and Microsoft, we are delivering the latest technology to unlock all the benefits of an upgraded OS for your organization.

When you're ready, we're here to help. Visit [www.lenovo.com/levelup](http://www.lenovo.com/levelup) and contact your Lenovo Health representative to learn more.

## Source

- 1 Principled Technologies, "Deploy operating systems and drivers to PCs with a single process regardless of processor," November 2023

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