Lenovo solutions for healthcare and life sciences

Transforming experiences and powering the future of medical innovation

Smarter technology for all

Lenovo

Powering tomorrow's healthcare

Patient and provider expectations, experience, and empowerment continue to shape the way healthcare is designed and delivered.

Healthcare systems and medical research organizations are challenged to to deliver excellent provider and patient experience along with high-quality care that's secure and efficient — all with fewer resources. Addressing these challenges becomes more important every day as health delivery adopts hybrid models that rely on remote technologies to keep the organization connected. This is equally true for all healthcare and life sciences including medical imaging, diagnostics, medical research, and pharmaceutical development.

Digital transformation has never been more important or more promising.

Lenovo solutions for modern infrastructure

Partnering with their care teams, IT leaders are striving to provide organization-wide modernization for in-person care, hybrid care, medical imaging, administrative support, and research.

- Pocket-to-cloud technology solutions
- Endpoint devices, software, and services
- Security
- Hospital infrastructure and VDI
- AI readiness workshops and a strong partner ecosystem
- Device and Infrastructure as a Service

Lenovo

Healthcare-ready anywhere

Lenovo solutions for healthcare and life sciences are built for meaningful interactions with patient, provider, and researcher needs top of mind. We are powering an innovative future to help extend clinical reach and capacity.
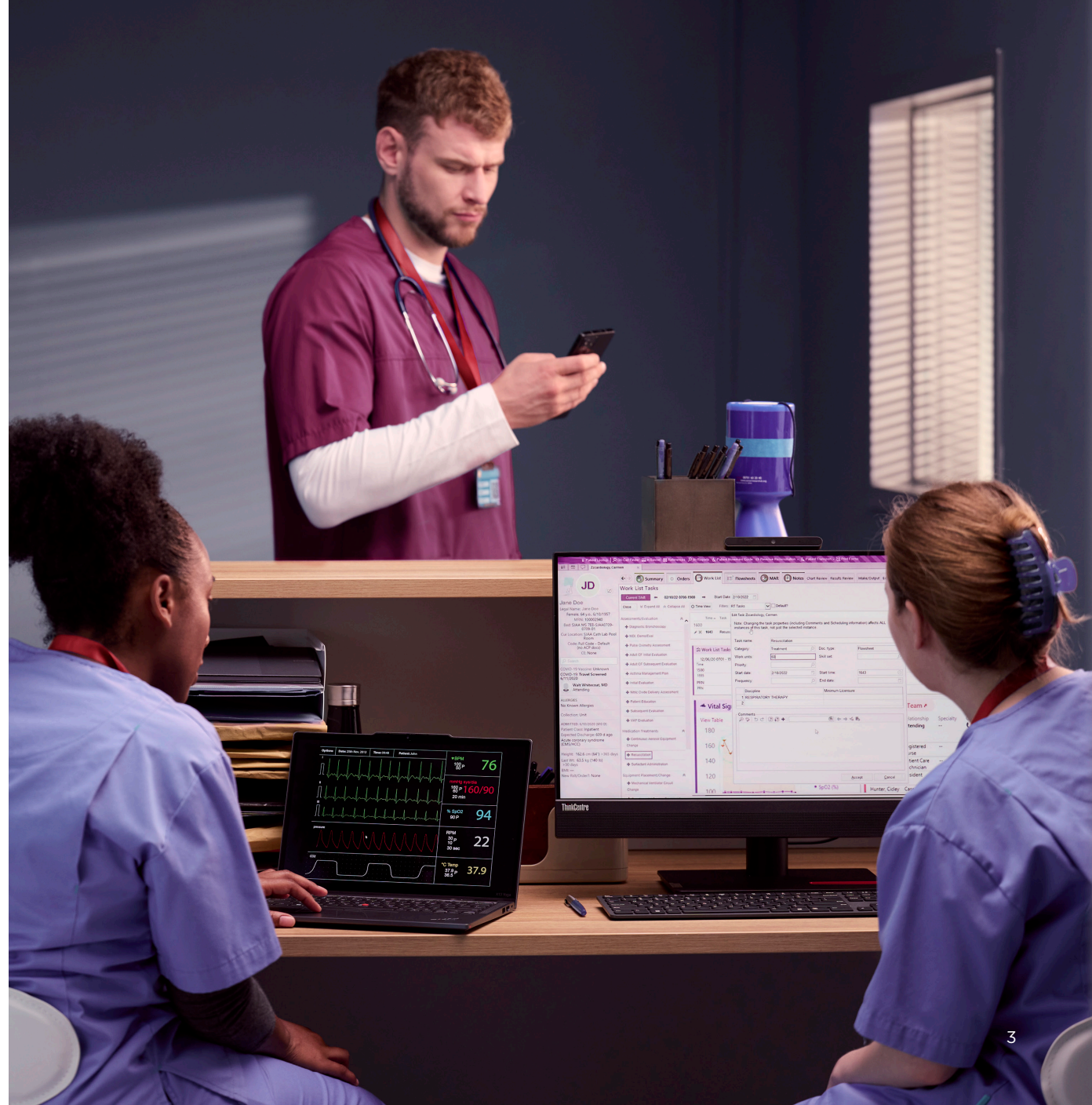
Made for healthcare and life sciences, Lenovo technology is compatible with electronic health record (EHR) systems and supports both in-person and virtual care as well as clinical and research environments. Together with industry-leading partners, we provide one-vendor hardware, software, and infrastructure solutions known for their quality and reliability.

As the healthcare landscape evolves, Lenovo helps you stay ready for what's ahead.

We bring a unique blend of technology legacy, deep understanding of clinical workflows, and innovative vision to help you take the next step in your digital transformation with confidence.

Our healthcare offerings are backed by the strength of the proven Lenovo brand, with a global network recognized worldwide for sustainability and leading supply chain security. Partner with our dedicated healthcare teams to configure and deploy technology tailored to your unique environment.

Lenovo

Elevating care quality throughout the patient journey

Lenovo is committed to and guided by the profound benefits technology delivers for the five dimensions foundational to excellent healthcare, known as the Quintuple Aim:

- Patient engagement and experience
- Health outcomes
- Healthcare costs
- Provider experience
- Care access

From admission to billing and all the care in between, hospital workflows directly impact patient experiences. Lenovo Health solutions streamline clinical and administrative processes with easy-to-use technology that's made for productivity — allowing more time for patients while optimizing staffing resources.
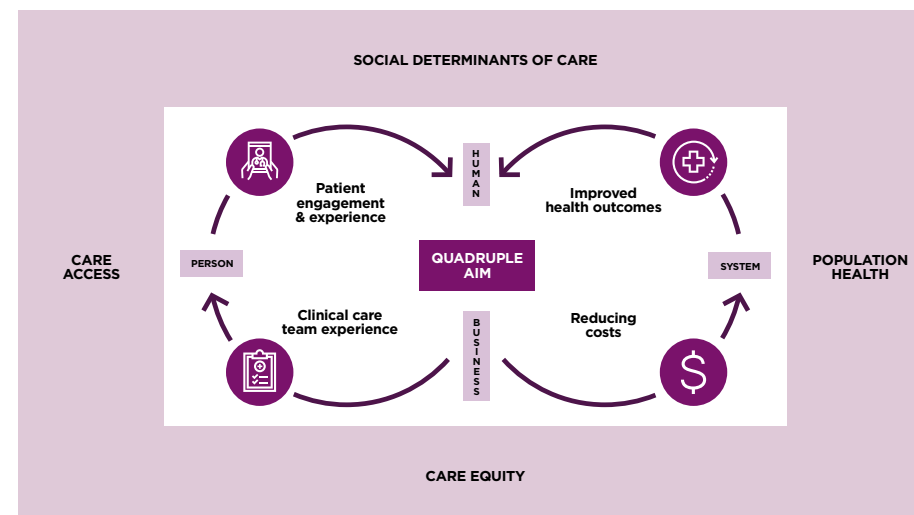
Empowering better outcomes

Lenovo equips IT teams with the modern technology needed to adopt innovative care plans and reduce provider burnout.

Our solutions promote advances in healthcare and medical research made possible by device and data center infrastructure that supports AI-powered applications, personalized medicine, and collaborative medical research.

Modern IT can fuel better healthcare outcomes such as fewer preventable readmissions, improved patient safety, and increased access to care while supporting clinical efficiency gains to offset staffing shortages. Technology can provide a more innovative healthcare environment by transforming patient and provider experiences.

Healthcare's quadruple aim objectives

SOCIAL DETERMINANTS OF CARE

CARE ACCESS

POPULATION HEALTH

CARE EQUITY

Patient engagement & experience
HUMAN
Improved health outcomes
PERSON
QUADRUPLE AIM
SYSTEM
Clinical care team experience
BUSINESS
Reducing costs

Lenovo's global strength

International

69.5K 👤
EMPLOYEES

180
MARKETS

4 AI INNOVATION CENTERS

18 R&D LOCATIONS

Independent

Publicly owned,
publicly traded

Not government-aligned

Included on
Fortune's 2025 World's Most Admired
Companies (computer category)

$57B worldwide

Ranked 248th
Fortune's Global 500

Serving 3,000+
healthcare organizations
in 100+ markets

The right supply chain for healthcare and life sciences

🔒 End-to-end security

📦 Unique worldwide hybrid
manufacturing footprint

🔍 Advanced analytics and
AI-driven solutions

🕐 Reduced lead times

30+
global manufacturing sites

120M+
shipments

10M+
order lines per year

Ranked 10th
Gartner's Top 25 Global
Supply Chain 2024

Lenovo

Trusted partnership

Meeting your challenges and opportunities together

Collective expertise with single-vendor simplicity

Sourcing and managing multiple suppliers takes up valuable time and runs the risk of integration problems. We remove the complexity by bringing you comprehensive hardware, software, and service solutions — compatible with your existing infrastructure and electronic health record system and ready for scaling. Our partners are proven industry innovators vetted for quality, reliability, and suitability for clinical and research environments.

Understand health and life sciences trends and markets

Our product design and digital transformation guidance are informed by cross-industry perspective, insight into major developments like virtual health and hybrid work, and input from customer advisory boards that include specialists in the healthcare community.

Implement secure digital transformation solutions

Lenovo has solutions to modernize every part of your organization, bringing advanced AI-driven features and benefits to patients, clinicians, and staff — from registration to in-room experience to clinical workflows to administration.

Future-proof your technology with AI

AI solutions drive research, personalized care, secure data management, and new efficiency for clinical workflows. We help you implement and scale strategic AI — built on a foundation of strong governance and robust security to be responsible, ethical, and trustworthy.

Provide end-to-end support

We focus on the outcomes you want — both human and business. We make it easier for IT to select, secure, manage, and upgrade technology — and we provide a comprehensive suite of services throughout the entire solutions lifecycle.

Safeguarding devices, data, and privacy

Cybersecurity is one of the most pressing technology issues facing health and life sciences organizations.

Threat levels across the security landscape have increased and ransomware attacks are more sophisticated, particularly for critical infrastructure.

The healthcare industry has the highest industry average cost per data breach, now at more than $10 million.[1]

Today's hybrid work environments expand the attack surface and increase vulnerability. Stringent and secure protection of patient data is needed to maintain industry regulations and prevent disruptions to care.

Lenovo ThinkShield® is an end-to-end security portfolio of hardware, software, and services with fully customizable solutions to secure your organization. It includes device protection, threat and data protection, AI-powered antivirus, and software-based endpoint management.

A top priority in healthcare is limiting data access to authorized users only. ThinkShield provides multiple ways to verify a user's identity, including frictionless multifactor authentication.

At the same time, in a typical day, clinicians log in and out of multiple applications, each requiring a username and password. Single sign-on streamlines workflow, eases frustration, and allows for more time with patients.

ThinkShield is designed to reduce IT workloads and downtime with fully integrated and tested solutions. Lenovo's open ecosystem of leading partners adapts to your needs in a changing security landscape.

Lenovo

Empowering IT teams

Lenovo services let you get the most possible value from our solutions while lightening the load for your teams. We offer a range of services to make life easier for IT — from assessment, deployment, and training to management, maintenance, and end of life. Services also make it easier for IT to stay connected with remote healthcare and science teams to manage their devices.

Lenovo Premier Support

Care anywhere requires support everywhere. Premier Support and Premier Support Plus provide ultra-responsive, round-the-clock support engineers, hardware and OEM software support, and relief for IT from a break/fix routine.

Lenovo Custom Imaging Services

Free up IT time by automating the imaging process. The Lenovo Imaging Technology Center creates, verifies, and deploys your customized image during manufacturing, completely error-free.

Lenovo Device Intelligence Solutions (LDI)

Stay on top of your fleet with proactive device insights, AI-driven predictive analytics, and comprehensive PC health scores, alerts, and reports.

Lenovo TruScale® Device as a Service and Infrastructure as a Service

Ensure your teams are outfitted with the most innovative and up-to-date technology. You get scalable solutions with worry-free, end-to-end management, flexible payments, and one point of contact and accountability.

Lenovo Asset Recovery Services

Get maximum value from your devices while disposing of them responsibly. ARS is a single-source customizable solution for the secure, documented disposition of IT assets and data.

Lenovo Digital Workplace Solutions

Maximize productivity and optimize costs with hyper-personalized workplace experiences. Services include device and platform management, cyber security, advisory services, and software as a service.

Lenovo Sustainability Services

Get help toward your sustainability goals with Bulk Packaging, CO_2 Offset Services, Lenovo Intelligent Supply Sustainability Analytics (LISSA), and Lenovo Power and Cooling Services to help optimize demanding AI workloads.

Lenovo AI Services

Take advantage of the AI Center of Excellence, AI Fast Start workshops, and AI Innovators Program bringing together the smartest business advisors and data scientists to help you design, build, secure, and sell AI systems.

Lenovo technology for the patient journey and provider workflows

Improve the check-in, billing, and discharge experience

Patient experience: Reception, check-in, billing

Lenovo solution benefits

- Improve patient and staff experience
- Increase staff efficiency
- Enable paperless registration and collect copays at check-in
- Host and comply with electronic health record systems
- Increase data security and consistency
- Choose from multiple form factors

Devices, technologies, services

- Lenovo infrastructure modernization, including edge computing
- Think® desktops, laptops, workstations, monitors
- Lenovo tablets
- Self-service kiosks
- AI-ready infrastructure and generative AI platforms
- VDI and Cloud-Connected solutions
- Digital signage and wayfinding
- ThinkShield security, LDI, Premier Support Plus, Lenovo TruScale

ThinkCentre® Tiny Desktop and Tiny-in-One Monitor

Compact footprint

Range of screen sizes

Ergonomically adjustable

Flexible mounting options for carts, walls, and stands

Fully integrated speakers, microphone, and camera

Option for facial recognition login

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Lenovo Legion i5 notebook

Desktop-caliber gaming

Lenovo Legion AI engine

Ultimate performance with the latest GPUs

New frame-rate reliability and system power efficiency

Advanced cooling to prevent overheating

Excite and engage young patients with gaming

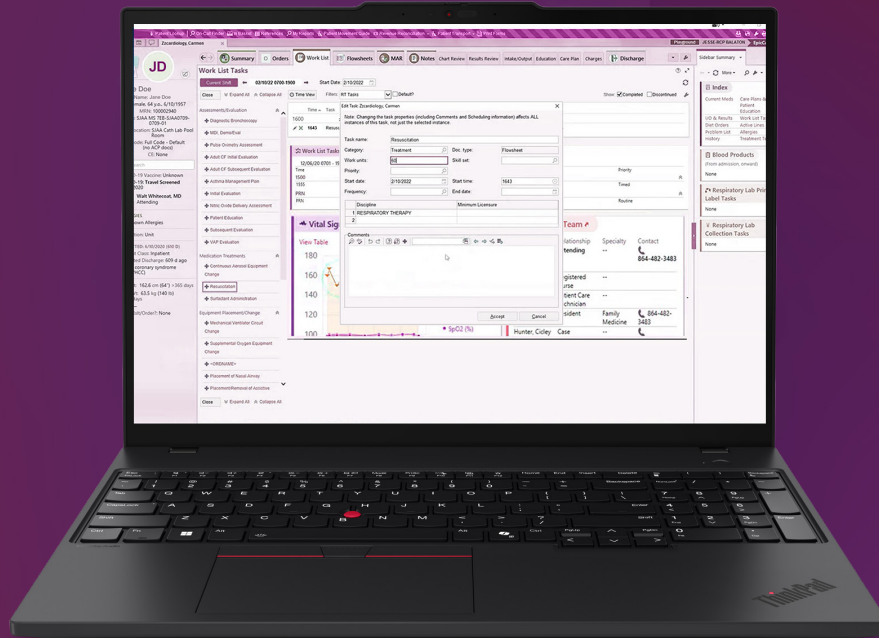**Patient experience: Fun with high-performance gaming technology**

Lenovo solution benefits

- Give child patients a sense of normalcy
- Distract from pain during treatment
- Combat boredom
- Reduce stress and anxiety
- Provide a family activity during visits

Devices, technologies, services

- Lenovo Legion laptops
- Lenovo Legion towers
- Legion gaming monitors
- Legion gaming headsets and mice
- Legion Power Pro charging cart
- SENET premium license and daily support
- Choose from mobile solution or lab solution kits

ThinkPad® T16

Bigger battery for longer shifts

Larger screen for easier visibility of EHR and data

Choice of Intel® or AMD processor

MIL-SPEC tested

AI PC laptop models available

CLINICIANS

Care for in-room patient needs and hybrid care

Patient and clinician experience: In-room digital tools

Lenovo solution benefits

- Empower patients with digital access and education
- Keep patients, clinicians, and families connected
- Increase patient satisfaction
- Improve clinician efficiency

Devices, technologies, services

- Think® desktops, laptops
- Lenovo tablets
- VDI and Cloud-Connected solutions
- ThinkSystem® servers, ThinkAgile™ platforms
- Interactive displays
- ThinkSmart® room kits
- ThinkPhone®
- ThinkShield® security
- LDI, Premier Support Plus, Lenovo TruScale

CLINICIANS

Make more time for patients with better clinical efficiency

Provider experience:
Clinical workspace and patient care workflows

Lenovo solution benefits

- Improve provider experience and reduce burnout
- Increase clinician efficiency and optimize time with patients
- Maximize productivity and staffing
- Streamline workflows and improve discharge efficiency

Devices, technologies, services

- Think® desktops, laptops, workstations, displays
- Lenovo tablets
- ThinkPhone
- VDI and Cloud-Connected end-user experience
- ThinkSystem servers
- Electronic health records-hosting infrastructure
- AI readiness solutions
- ThinkShield security
- Lenovo Device Intelligence, Premier Support Plus, Lenovo TruScale

ThinkPad® L16

16" screen

Choice of processors, memory, storage

Biometric authentication choices

Long battery life; choice of a large, high-capacity battery

Dolby Voice™ and Dolby Audio™ certified

Optional FHD hybrid IR cameras

MIL-SPEC tested

Improve information access with VDI

Provider experience:
Virtualized application and workspaces infrastructure (VDI)

Lenovo solution benefits

- Provide efficient access to electronic health records and online systems from anywhere
- Deliver a consistent user experience
- Provide a centralized management and security solution across all end-user platforms
- Get IGEL partner-certified devices

Devices, technologies, services

- Interactive displays
- VDI and Cloud-Connected end-user experience
- ThinkSystem servers
- Infrastructure platforms
- ThinkShield security
- Lenovo Device Intelligence, Premier Support Plus, Lenovo TruScale
- ThinkAgile® SDI solutions
- ThinkSystem DM/DG storage

IGEL

Lenovo was IGEL Ready Partner of the Year and is the only OEM that preloads IGEL and provides IGEL-partner-certified devices

ThinkSystem® SR650

Ideal for complex workloads

Large memory and storage capacity

GPU-rich platform

XClarity system management

Lenovo

ThinkStation® P3 Ultra Workstation

Compact design

Workstation power anywhere

Multiple diagnostic display support

X-Rite DICOM color calibrations

Improve radiology workflows and remote reading solutions

Provider experience: Medical imaging, remote visualization

Lenovo solution benefits

- Workstations certified to work with diagnostic display monitors

- Enable hybrid and remote work

- Get power and performance in a compact footprint

- Configure for optimal performance and efficiency with Lenovo Performance Tuner

- Maximize uptime for your most demanding, mission-critical tasks

Devices, technologies, services

- ThinkStation® workstations, ThinkPad® mobile workstations

- Diagnostic display monitors from partners like LG, BARCO, Eizo

- AI at the edge-ready

- Remote visualization

- ThinkShield security

- Lenovo Device Intelligence, Premier Support Plus, Lenovo TruScale

- ThinkSystem® servers

- ThinkSystem DM/DG storage
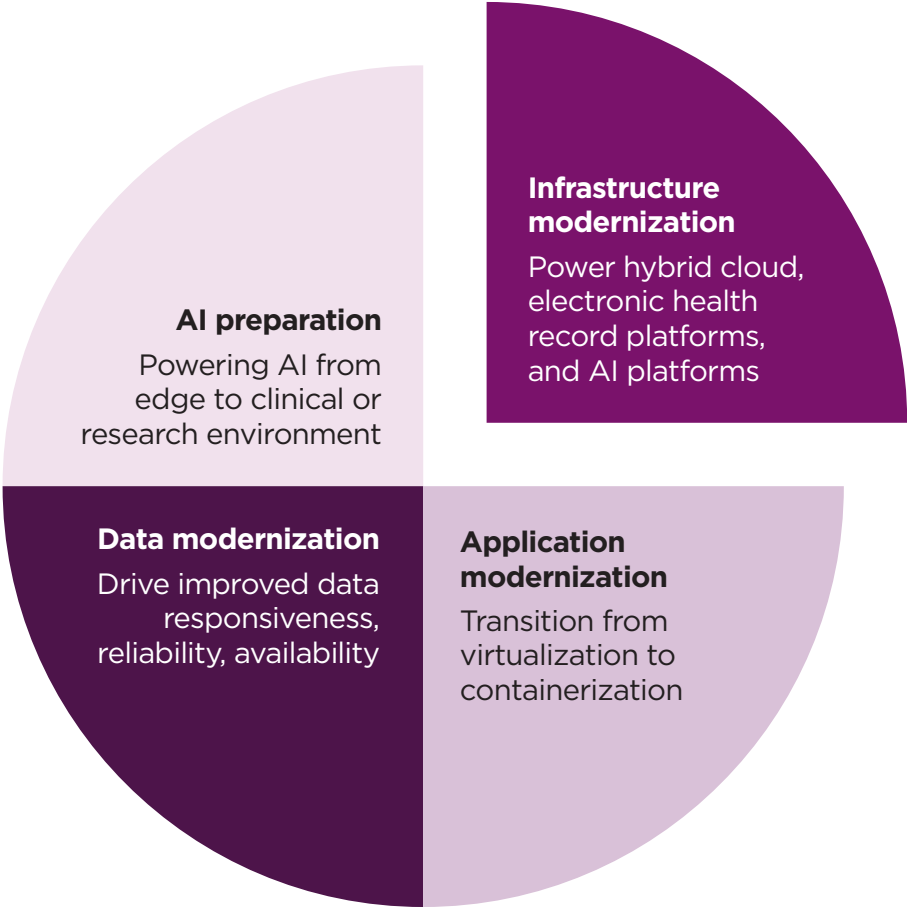
Optimize with infrastructure modernization

AI-ready infrastructure: Modern technology for deployment of AI workloads

Lenovo solution benefits

- Deploy a reliable, secure infrastructure
- Improve operational efficiency with advanced automation and management capabilities
- Speed up time to insight for clinical and administrative decision-making
- Implement modern infrastructure to power AI
- Maintain electronic health records system compliance

Devices, technologies, services

- ThinkSystem servers
- ThinkAgile platforms
- ThinkEdge systems
- Storage systems and backup solutions
- Kubernetes (K8s) with ThinkAgile
- ThinkShield security
- Premier Support Plus, Lenovo TruScale IaaS
- Lenovo high-performance computing (HPC)
- Lenovo Neptune™ Liquid Cooling to reduce AI energy consumption

AI preparation
Powering AI from edge to clinical or research environment

Infrastructure modernization
Power hybrid cloud, electronic health record platforms, and AI platforms

Data modernization
Drive improved data responsiveness, reliability, availability

Application modernization
Transition from virtualization to containerization

Jump-start your AI journey

Organization-wide experience: Lenovo is your trusted source for responsible, ethical, and secure AI

Lenovo AI partnership

- Develop AI readiness for clinical workflows, patient care, medical research, revenue cycles, safety and security, supply chain, knowledge management

- Leverage Lenovo AI expertise, workshops, and our expanded ISV partner ecosystem

- Get edge and data center infrastructure purpose-built for AI workloads, allowing for platform standardization

- Deploy a modern, scalable platform designed to scale with future AI needs

Devices, technologies, services

- Lenovo ThinkStation® P series workstations are ideal for AI applications and analytics

- Lenovo AI-PCs, including the ThinkPad® X1 Carbon and X1 2-in-1

- Lenovo AI Services, workshops, and AI Center of Excellence

- Lenovo Genomics Optimization and Scalability Tool (GOAST)

- ThinkShield security and Lenovo Responsible AI Committee

- Lenovo Device Intelligence, Premier Support Plus, Lenovo TruScale Infrastructure as a Service offerings

ThinkStation® PX Workstation

For training and modeling

Optimized for AI workloads

Aston Martin design-inspired chassis with tri-channel cooling

Lenovo also offers:

- ThinkEdge® servers for remote inferencing

- ThinkSystem® servers and DM/DG storage for AI tuning and advanced inferencing

- ThinkSystem servers with Lenovo Neptune® water cooling for large-scale AI development and inferencing

ThinkStation® P8 Workstation

Powered by AMD Ryzen™ Threadripper™ PRO processors

Optimized for AI workloads

3 high-end GPUs

Ideal for biological and/or chemical computation-intensive workflows

Optimized tri-channel cooling design

Sleek and sturdy rack-optimized chassis

Supports up to 3 x NVIDIA RTX™ Ada generation GPUs

Can be paired with Lenovo ThinkVision® 3D monitors

PATHOLOGISTS, MEDICAL RESEARCHERS, BIOLOGISTS, CHEMISTS

Advance diagnostics, digital pathology, and genomics workflow

Provider experience:
Digital pathology, genomic analytics, molecular modeling

Lenovo solution benefits

- Enable the transition to digital pathology with high-performance computing and displays

- Accelerate the promise of genomics to predict disease and plan effective treatments

- Advance molecular modeling collaboration with image consistency and accuracy

- Optimize and scale your analytics

Devices, technologies, services

- ThinkStation® workstations

- ThinkVision® monitors

- Lenovo Genomics Optimization and Scalability Tool (GOAST)

- Lenovo AI-ready infrastructure and partner ecosystem

- ThinkShield security

- Lenovo Device Intelligence, Premier Support Plus, Lenovo TruScale

Unlock the value of collaboration

Collaboration experience: **Videoconferencing and education**

Lenovo solution benefits

- Choose from multiple collaboration solutions based on room size and needs
- Connect with patients and families remotely
- Facilitate department meetings, specialist consults, research collaboration, and academic instruction
- AI-enabled video and audio features
- Easily collaborate with hybrid workforce

Devices, technologies, services

- ThinkSmart Core Gen 2 all-in-one meeting room solution
- Wide variety of cameras, sound bars, and displays
- Video collaboration UC platform
- ThinkSmart Manager remote management software
- ThinkShield security
- Premier Support Plus, Lenovo Device Intelligence, Lenovo TruScale

ThinkSmart® Core Gen 2 Full Room Kit

First AI-optimized compute device purpose-built for video conferencing room systems

Hardware, software, management, and services in one box

Lenovo ThinkSmart Controller or Lenovo IP Controller

One-touch join

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Transform the dental office

Dentist and staff experience: Dental office-ready technology

Lenovo solution benefits

- Avoid downtime with reliable compute and display technologies for front-office operations
- Get fast servers with a great price-performance ratio for back-end storage needs
- Streamline the work environment with compact, powerful desktops and workstations
- Ensure compatibility with dental ISVs

Devices, technologies, services

- Think® laptops, desktops, workstations, hybrid server environments
- ThinkVision® monitors
- ThinkShield security
- Lenovo Device Intelligence, Premier Support Plus, Lenovo TruScale

ThinkSystem ST250 Tower Server

Enterprise-level server power

Office-quiet acoustics

Broad range of storage options

Wide variety of ThinkServer and ThinkEdge choices to fit office needs

Pair with ThinkCentre® Tiny desktop and Tiny-in-One monitor for an ideal all-in-one solution

Lenovo

Partner with us to power the future of care

Lenovo puts people — patients and providers — at the center of digital transformation.

Our made-for-healthcare solutions and services are making a difference across departments in organizations worldwide.

Together with our partners, we are pioneering hybrid solutions for care anywhere — to transform experience, promote better outcomes, and pave the way for a secure, reliable, innovative future.

When you're ready, we're here to help.

See Lenovo solutions for the **hospital of the future.**

Contact your Lenovo Health Account Representative or local Business Partner
Visit **www.lenovo.com/Health**

Source
1   IBM, "Cost of a Data Breach Report," July 2024

Smarter technology for all