Lenovo
ThinkShield

Business security for uncompromised innovation.

Lenovo Solution Guide

2026 Lenovo. All rights reserved.

Smarter technology for all

Introduction

Lenovo ThinkShield
- Supply chain security
- Below-the-OS security
- OS-to-Cloud security
- Continuous support

Zero-trust architecture

Lifecycle solutions
- Provisioning
- Productivity
- End of life

Vertical-specific solutions
- Healthcare
- Manufacturing
- Education
- Government & Public Sector
- Finance
- Retail

2026 Lenovo Internal. All rights reserved.

Driven by a security-first culture.

Lenovo adopts a Security by Design approach, driving security from the inception of product, solution, and service development, and extending it across the entire product lifecycle.

Security is not just a checkbox—it is an integral part of design, development, manufacturing, and delivery.

Lenovo is trusted around the world by

millions

of users in 180 markets, as well as governments and CIOs/CTOs of Fortune 500 companies.

Lenovo 2026 Lenovo Internal. All rights reserved.

Critical security challenges in the modern workplace

Safeguard what matters

- Protect business data, devices & identities
- Block ransomware & malware threats
- Certified data erasure

Maintain control & compliance

- Real-time asset inventory & compliance
- Optimize IT visibility & policy enforcement
- Automate risk-based patching for OS & apps

Enhance resilience

- Below-OS & firmware attestation with tamper detection
- Guard against supply-chain compromise
- Self-healing endpoints for lost, stolen, or offline devices

Accelerate response & improve experience

- Faster incident response & recovery
- Endpoint analytics for better user experience

Lenovo 2026 Lenovo Internal. All rights reserved.

Lenovo ThinkShield

Advanced Protection for All

ThinkShield is Lenovo's Zero Trust end-to-end security portfolio, designed to protect your customers, your people, and your organization—wherever and whenever work happens.

Comprehensive

End-to-end protection against attacks at every level, including ransomware, data theft & malicious threats.

Modern

AI-driven threat prevention, behavior-based analysis, and self-healing BIOS capabilities to protect your data.

Resilient

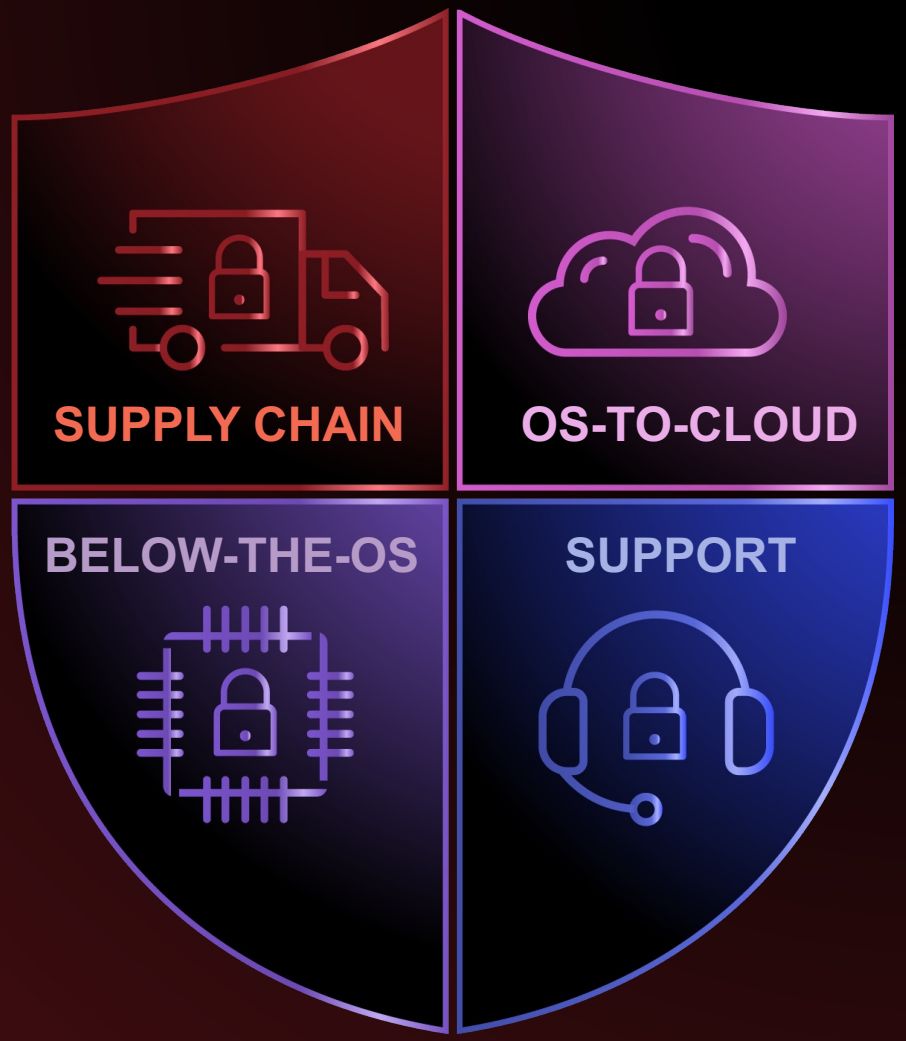
Minimized disruptions by diagnosing and remediating device health issues for more productive operations.

Lenovo 2026 Lenovo Internal. All rights reserved.

Lenovo
ThinkShield

Guarding your business, everywhere.

Across every Lenovo commercial device, ThinkShield delivers a unified, end-to-end cybersecurity offering “One Lenovo” protection built-in to safeguard businesses at every layer.



Commercial Notebooks

Motorola Phones

Desktops and All-in-Ones

Mobile Workstations

Lenovo 2026 Lenovo Internal. All rights reserved.

Supply chain security

Transparent supply chain that instills trust

Lenovo ThinkShield

Strong physical security measures

Ensures security throughout logistics process, from manufacturing facilities to customer environments.

Every device secure from the start

Delivers automated verification to ensure device integrity from manufacturing to deployment.

ThinkShield Build Assure

Lifecycle device integrity validation

Re-validates golden baseline at critical lifecycle events, establishing device integrity throughout the device lifecycle.

ThinkShield Device Assure

Lenovo 2026 Lenovo Internal. All rights reserved.

Below-the-OS security

Protection against BIOS, firmware, and USB attacks

Firmware integrity across the fleet

Eliminate blind spots to accelerate threat detection and response.

Firmware Resiliency

Firmware Assurance

Hardware security against rogue devices

Detect unauthorized components and peripherals.

Hardware Defense

Firmware defense against advanced attacks

Validate firmware authenticity and monitor for tampering.

Firmware Defense

Persistent control below the OS and beyond the network

Control lost, stolen and offline devices outside of the corporate network.

ThinkShield TraceLock

Lenovo 2026 Lenovo Internal. All rights reserved.

OS-to-Cloud security

Best-in-class threat protection from market-leading ISVs

Ransomware, malware & data protection

Protect sensitive data, secure AI use and ensure business continuity.

ThinkShield XDR
Data Backup
Data Extraction Protection
SentinelOne Prompt Security

Credential & phishing protection

Strengthen identity security and enable password-less authentication.

Browser Protection
Passwordless Authentication

Device & network resilience

Encrypt and sanitize data across the device lifecycle.

Secure Endpoint Access
Secure Network Access

Asset & vulnerability management

Streamline device orchestration and patch management.

Lenovo Device Orchestration
Vulnerability Management

Lenovo 2026 Lenovo Internal. All rights reserved.

Continuous support

Subscription-based threat monitoring and response

Single point of contact

Streamlined customer support for timely response.

24/7 expert threat monitoring

Detect threats and respond to security incidents.

Managed Detection & Response Services

Simplified security ecosystem

AI-driven services for end-to-end security through as-a-Service model to close gaps and reduce overhead.

Lenovo Security Services

Lenovo 2026 Lenovo Internal. All rights reserved.

Lenovo’s security excellence wins customer trust (and a few awards).

Lenovo & ThinkShield are setting industry benchmarks for device, data, and supply chain security.

Gartner 25 Global Supply Chain Top 25

Lenovo is ranked #5 Supply Chain for 2026 by Gartner

2024 WINNER CYBER SECURITY EXCELLENCE AWARDS

Cybersecurity Product of the Year Award

2025 WINNER CYBER SECURITY EXCELLENCE AWARDS

Firmware Security Award

2025 FORTRESS CYBER SECURITY AWARD

Fortress Cybersecurity Award for Supply Chain Security

Lenovo 2026 Lenovo Internal. All rights reserved.

Lenovo ThinkShield

Expert partnerships

Lenovo has teamed up with the best in the industry to bring you unparalleled cybersecurity expertise and support.

SentinelOne
ABSOLUTE
BUFFERZONE
SEPIO
ivanti
veeam
WINMAGIC
Acronis
CARBONITE
filewave
CYBERARK
SECRET DOUBLE OCTOPUS
Dynamo AI
blancco
eclypsium
CIGENT AlwaysPROTECTED
intel
AMD
CHURCHILL & HARRIMAN
Qualcomm
NVIDIA

Lenovo 2026 Lenovo Internal. All rights reserved.

Refer to Lenovo ThinkShield Disclaimer

Lenovo
ThinkShield

Zero-trust architecture

The foundation of business security for every business.

Lenovo 2026 Lenovo Internal. All rights reserved.

“Never trust. Always verify.”

The era of unrestricted digital access is over. Cybercrime—now supercharged by AI—is too widespread and sophisticated to ignore.

Every organization must establish—at minimum—a security approach to their device fleet that starts with **validated provisioning**, ensures **protected productivity**, and moves through to a **safe end-of-life**. This is Zero-trust architecture.

Zero-trust architecture is a modern, adaptive, and resilient approach to enterprise security.

It replaces static, perimeter-based models with continuous, context-aware validation of trust, leveraging hardware, firmware, identity, and analytics to protect against sophisticated threats across distributed environments.

ASSUME BREACH | VERIFY EXPLICITLY | ENFORCE LEAST PRIVILEGE

Lenovo 2026 Lenovo Internal. All rights reserved.

Build your business on a zero-trust architecture with ThinkShield.

Lenovo ThinkShield helps you create a security-first culture by promoting security awareness through training, policy enforcement, and tools that empower users without disrupting productivity.

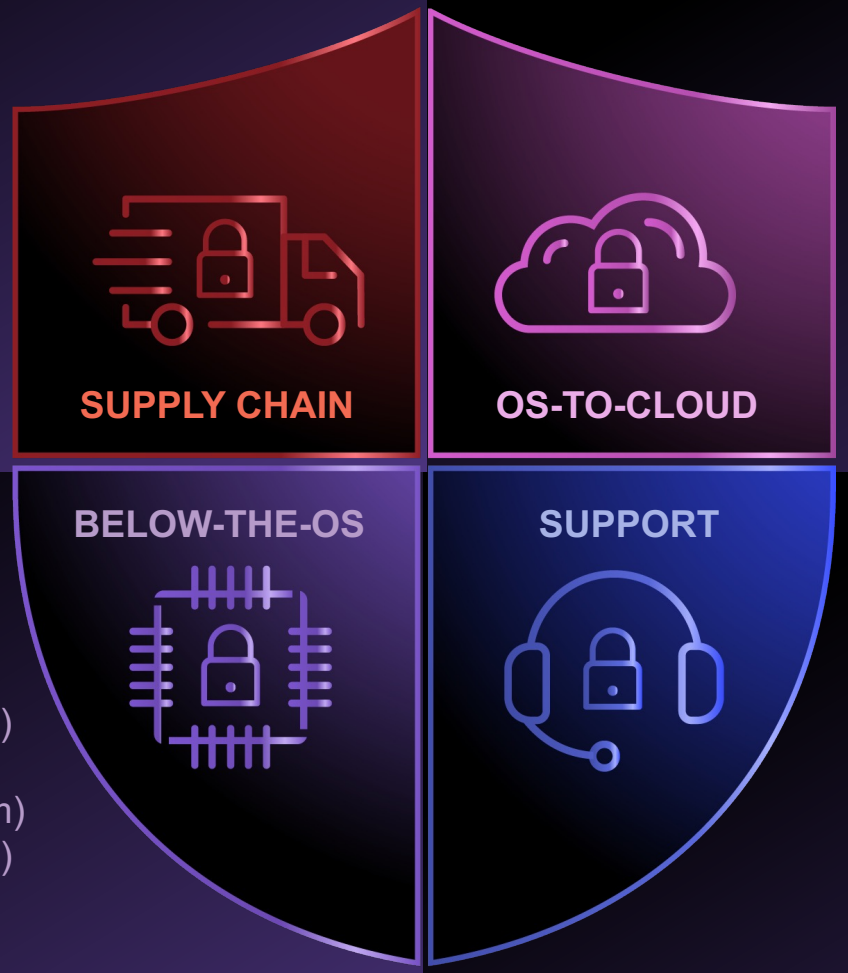
Our solutions enforce Zero Trust through secure BIOS, firmware integrity checks, identity verification, and integration with Intel Authenticate and Microsoft Windows Hello.

With comprehensive, modern, and resilient solutions, ThinkShield ensures continuous validation of users and devices across the lifecycle.

Lenovo 2026 Lenovo Internal. All rights reserved.

Lenovo
ThinkShield

Secure from the start
- ThinkShield Build Assure (Intel)
- ThinkShield Device Assure (Intel)



Smarter Protection with AI + XDR
- ThinkShield XDR (Sentinel One)
- Secure Endpoint Management (Absolute Security)
- Lenovo Device Orchestration (Lenovo)
- SentinelOne Prompt Security
- ThinkShield Data Defense (Cigent)
- Threat Isolation (BufferZone)
- Data Erasure (Blancco, Absolute Security)
- AI LLM Guardrails (DynamoAI)
- Identity security (WinMagic)
- Multifactor Authentication (Secret Double Octopus)
- Cybersecurity Cloud (OpenText)
- Endpoint Privilege Manager (CyberArk)

Security Built In, Integrity at Every Level
- ThinkShield Firmware Assurance (Lenovo)
- ThinkShield Hardware Defense (Sepio)
- ThinkShield Firmware Defense (Eclypsium)
- ThinkShield TraceLock (Absolute Security)

Always On
- 24/7 ThinkShield Support
- Managed Detection & Response Services
- Lenovo Security Services

Lenovo 2026 Lenovo Internal. All rights reserved.

Why purchase Security Software from Lenovo?

Lenovo ThinkShield provides comprehensive, modern and resilient solutions that help create a security-first culture for your organization, protecting every device from manufacturing to end-of-life.

Secure the complete device lifecycle.
Maintain device integrity, visibility and control from factory to retirement.

Close gaps other security tools leave behind.
Extend protection from the supply chain and firmware to endpoint recovery.

Reduce the impact of security incidents.
Detect threats faster, restore protections and recover disrupted devices.

Eliminate unnecessary vendor complexity.
Bring purchasing, licensing and support together through Lenovo.

Build the security portfolio you need.
Start with priority risks and expand protection as requirements evolve.

Lenovo ThinkShield

One partner, total protection. Lenovo ThinkShield.

Fueled by delivering smarter technology for all, Lenovo ThinkShield is constantly evolving our hardware, software, and services to provide reliable security solutions to defend your business—without compromising end-user productivity.

Safeguard your assets

Prevent costly breaches, downtime & reputational damage from ransomware & malware threats.

Ensure end-to-end protection

Address cyberthreats at multiple levels, reducing your organization's attack surface.

Boost efficiency

Automate protection with AI-powered solutions—and concentrate on core business activities.

Suit your needs

Tailor plans to fit your budgets, with cost-effective enterprise-grade security options.

Stay compliant

Easily stay compliant with regulatory standards and industry guidelines.

Lenovo 2026 Lenovo Internal. All rights reserved.

Lenovo ThinkShield

ThinkShield solutions vs. multiple individual vendors

	Lenovo ThinkShield solutions	Individual solution vendors
Maintenance	Simplified maintenance with a single vendor	Complex maintenance with multiple vendors
Scalability	Easier to scale with a single solution	More challenging to scale due to disparate systems
Renewal costs	Typically lower due to bundled pricing	Higher due to multiple renewals and potential price increases
Renewal time	Streamlined with a single contract	Time-consuming with multiple contracts and negotiations
Expertise	Knowledge across multiple domains of cybersecurity	Fragmented expertise with limited unified solutions experience

Lenovo 2026 Lenovo Internal. All rights reserved.

Secure your ROI.

Cybercrime is projected to cost the global economy over $20 trillion by 2026.* Lenovo ThinkShield reduces breach risk, minimizes downtime, and lowers compliance costs--all while improving operational efficiency.

ThinkShield automates patching, threat response, and device management, freeing IT teams from manual tasks and enabling strategic focus.

THINKSHIELD SOLUTIONS

Secure Endpoint Management (Absolute Security), Lenovo Device Orchestration, Threat Isolation (powered by BufferZone)

Lenovo 2026 Lenovo Internal. All rights reserved.

*https://www.evolvesecurity.com/blog-posts/actual-cost-of-cybercrime

Scale security efforts as business grows and expands.

Designed for scalability, with cloud-native architecture, API integrations, and support for large and small distributed environments, **ThinkShield has comprehensive, modern, and resilient security offerings for every business size.**

For SMB, ThinkShield Solutions provide Core and Pro solutions to expand your business resilience with the ease of a single point of contact.

Lenovo 2026 Lenovo Internal. All rights reserved.

Configure Lenovo ThinkShield solutions to meet your business needs. Possible bundling options include the following:

Lenovo ThinkShield

	ThinkShield Essential	ThinkShield Core	ThinkShield Pro
Supply Chain Security	ThinkShield Build Assure[1]	ThinkShield Build Assure[1]	ThinkShield Build Assure[1]
BIOS Security	Firmware Resiliency[2]	Firmware Resiliency	Firmware Resiliency
Hardware-based Security Chip	ThinkShield Security Chip[2]	ThinkShield Security Chip[2]	ThinkShield Security Chip[2]
Biometric Security	Match-on-Chip Fingerprint Reader[1]	Match-on-Chip Fingerprint Reader[1]	Match-on-Chip Fingerprint Reader[1]
Firmware Security	Firmware Assurance[2]	Firmware Assurance	Firmware Assurance
AI-based Ransomware and Malware Mitigation Technology		ThinkShield XDR (SentinelOne Control)	ThinkShield DR (SentinelOne Control)
Endpoint Data Protection		ThinkShield Data Defense Select	ThinkShield Data Defense Select
USB Threat Mitigation			ThinkShield Hardware Defense

Lenovo 2026 Lenovo Internal. All rights reserved.

[1] Available on selected Lenovo commercial PCs
[2] Standard security features on selected Lenovo commercial notebooks

You don’t have to go it alone.

Lenovo is here for ThinkShield deployment, training & support.

Lenovo provides onboarding, documentation, live support, and training resources tailored to enterprise IT teams.

Single point of contact

Streamlined customer support for timely response.

24/7 expert threat monitoring

Detect threats and respond to security incidents.

THINKSHIELD SOLUTION

Managed Detection & Response Services

Simplified security ecosystem

AI-driven services for end-to-end security through as-a-Service model to close gaps and reduce overhead.

THINKSHIELD SOLUTION

Lenovo Security Services

Lenovo 2026 Lenovo Internal. All rights reserved.

Lenovo
ThinkShield

Lifecycle solutions

Don’t leave any gaps for attack.

PROVISIONING | PRODUCTIVITY | END OF LIFE

Lenovo 2026 Lenovo Internal. All rights reserved.

PROVISIONING

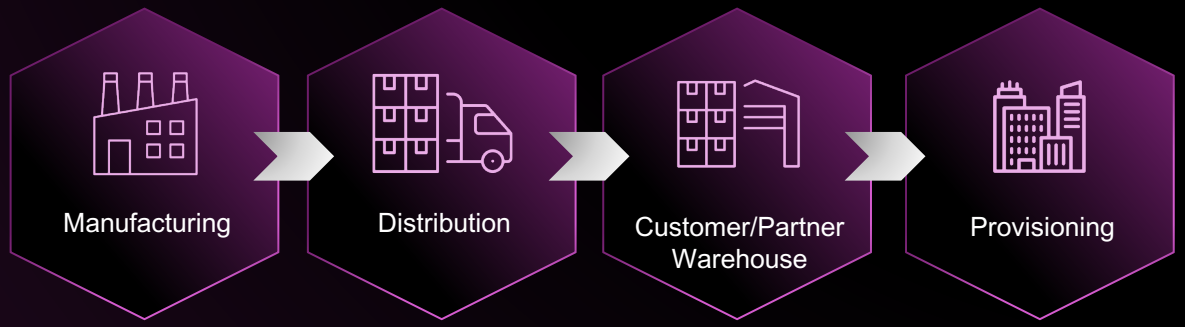
If the supply chain is vulnerable to threats and attacks, the security of every device is at risk. Lenovo ThinkShield enables device integrity from the factory floor to your employee's desk, ensuring every machine is secure, verified, and ready for immediate deployment.

As part of our comprehensive solutions, Lenovo ThinkShield secures our supply chain from manufacturing to deployment by verifying device authenticity, tracking components, and ensuring tamper-free delivery.

THINKSHIELD SOLUTION

ThinkShield Build Assure (powered by Intel Transparent Supply Chain), ThinkShield Device Assure (powered by Intel Platform Lifecycle Assurance)

Device integrity from manufacturing to provisioning



Lenovo 2026 Lenovo Internal. All rights reserved.

PROVISIONING

Onsite, manual device onboarding and offboarding is immensely challenging, inviting logistical complexities, productivity delays, and high demand on IT—all with high security risks associated with handling company property and data in a centralized, physical environment.

Lenovo ThinkShield enables modern remote device provisioning, secure wipe, and persistent endpoint visibility for secure transitions. With real-time visibility and policy enforcement, Lenovo ThinkShield also provides for the centralized management of device fleets across multiple geographies.

THINKSHIELD SOLUTION

Secure Endpoint Management (Absolute Security)

Lenovo 2026 Lenovo Internal. All rights reserved.

PRODUCTIVITY

Prioritizing endpoint protection is a must for today's hybrid and remote workforce, addressing threats like vulnerable remote connections, expanded attack surface, AI-driven phishing efforts, poor credential hygiene, and compliance challenges.

With modern AI-powered and geolocation tools, Lenovo ThinkShield protects endpoints, cloud services, and networks, even in distributed environments, triggering alerts or policy actions when needed.

THINKSHIELD SOLUTIONS

ThinkShield XDR (powered by Sentinel One), Data Backup, Data Extraction Protection, Secure Endpoint Access (Absolute Security), Secure Network Access (Absolute Security), Absolute Control and Resilience, Browser Protection, Passwordless Authentication, Lenovo Device Orchestration, Vulnerability Management, ThinkShield TraceLock (powered by Absolute Security)

Lenovo ThinkShield enables your business to detect and respond to ransomware attacks—in real time.

ThinkShield XDR from Sentinel One automates threat detection, containment, and remediation using AI, reducing response time and minimizing damage.

Lenovo 2026 Lenovo Internal. All rights reserved.

When a security breach or ransomware incident occurs, a quick recovery minimizes impact and consequence.

Lenovo ThinkShield includes backup and recovery tools, remote wipe and lock capabilities, and automated remediation workflows. Plus, self-healing BIOS and rollback features allow devices to restore to a trusted state round out the comprehensive solutions.

Don’t ignore insider threats.

Sometimes attacks come from within. So, Lenovo ThinkShield helps protect your business from internal threats and credential misuse through behavioral analytics, role-based access control, and endpoint monitoring.

THINKSHIELD SOLUTIONS

Absolute Security Endpoint Management, ThinkShield XDR (SentinelOne), ThinkShield Data Defense (Cigent), Data Erasure (Blancco), SentinelOne Prompt Security

Lenovo 2026 Lenovo Internal. All rights reserved.

Prevent cyberattackers from escalating a breach. Limit their lateral movement into high-value systems and data within your network perimeter, blocking data exfiltration, ransomware, and botnets.

Through Lenovo's Zero-trust model and network segmentation features, our ThinkShield solutions can limit access and isolate compromised device to prevent the widespread disaster of lateral spread.

THINKSHIELD SOLUTIONS

NoCloud AI Anti-Phishing (BufferZone), Secure Endpoint Management (Absolute Security), ThinkShield XDR (Sentinel One), ThinkShield TraceLock (Absolute Security)

To stay resilient, your IT teams need live, tamper-proof insights into device status, software health and compliance gaps

Lenovo ThinkShield provides real-time visibility into device health and software status through our comprehensive centralized management solutions.

THINKSHIELD SOLUTIONS

NoCloud AI Anti-Phishing (BufferZone), Secure Endpoint Management (Absolute Security), ThinkShield XDR (Sentinel One)

Lenovo 2026 Lenovo Internal. All rights reserved.

PRODUCTIVITY

Managing a hybrid and remote workforce outside the corporate IP bubble necessitates protection against rogue Wi-Fi use and network access, as well as thwarting potential threats to mobile and IoT devices.

Lenovo ThinkShield partners with Coronet to provide Wi-Fi threat detection and secure network access, preventing connections to rogue networks.

THINKSHIELD SOLUTIONS

NoCloud AI Anti-Phishing (BufferZone), Secure Endpoint Management (Absolute Security), ThinkShield XDR (Sentinel One)

And through unified threat detection and secure access controls, ThinkShield also extends endpoint protection to mobile and IoT devices.

THINKSHIELD SOLUTIONS

ThinkShield XDR (Sentinel One), Secure Endpoint Management (Absolute Security), ThinkShield TraceLock (Absolute Security), Lenovo Device Orchestration

Lenovo 2026 Lenovo Internal. All rights reserved.

Protecting against firmware and BIOS tampering is critical. A compromise at this foundational level breaks the entire "chain of trust," giving attackers continual, undetectable control over the system, bypassing all traditional security measures.

To prevent a breach at this level, Lenovo ThinkShield includes self-healing BIOS, firmware vulnerability scanning, and rollback capabilities to restore trusted states after compromise.

THINKSHIELD SOLUTIONS

Firmware Resiliency, Firmware Assurance, Firmware Defense

What about unauthorized data exfiltration via USB or external ports?

To prevent data leakage, ThinkShield allows USB port lockdown, device control policies, and encryption enforcement.

THINKSHIELD SOLUTIONS

ThinkShield Hardware Defense (Sepio), Privilege Account Management (CyberArk)

Lenovo 2026 Lenovo Internal. All rights reserved.

Security compliance is vital across industries, from healthcare and government to education and manufacturing.

Lenovo ThinkShield helps your organization meet compliance requirements like GDPR, HIPAA, and NIST through encryption, access control, audit logs, and real-time compliance monitoring.

THINKSHIELD SOLUTION

Secure Endpoint Management (Absolute Security), ThinkShield Device Assure (Intel), SentinelOne Prompt Security

- **NIST SP 800-161 Rev 1** (supply chain risk management and integrity validation throughout the lifecycle)
- **NIST 800-193** (guidelines mandating firmware resiliency, including protection, detection, and recovery mechanisms)
- **US Executive Order 13694** (supply chain risk transparency)
- **EO 14144** (continuous diagnostics and mitigation)
- **FIPS 140-3**
- **EO 13694** (traceability)
- **CISA** (supply chain risk guidelines)
- **Cyber Resilience Act**

Lenovo 2026 Lenovo Internal. All rights reserved.

END OF LIFE

Retire your end-of-life IT in a secure, compliant, responsible, and circular way. Simplifying IT lifecycle management will protect data, maximize ROI, and drive circularity.

ThinkShield Below-the-OS Secure Disposal solutions ensure responsible end-of-life (or reprovision preparation), from collecting assets to handling your data securely to recycling technology responsibly.

THINKSHIELD SOLUTIONS

Disk Wipe Tools, ThinkShield Secure Wipe, Endpoint Data Erasure (Blancco), Device Wipe (Absolute Security), Lenovo Asset Recovery Service, ThinkShield Device Assure (Intel)

Stay informed with Lenovo Device Registration.

Enables notification of a stolen or lost system and designation as such in Lenovo's master global warranty entitlement database.

Lenovo 2026 Lenovo Internal. All rights reserved.

Lenovo
ThinkShield

Vertical-specific solutions

Meeting industry-specific pain points with the right security solutions.

Lenovo 2026 Lenovo Internal. All rights reserved.

Prioritized security solutions for every industry.

To optimize business data protection within your specific vertical, here is a quick reference of security priorities and the associated ThinkShield solution and benefits.

ENDPOINT SECURITY & PROTECTION AGAINST CYBER THREATS & AI RISKS

ThinkShield XDR (SentinelOne)

AI-driven detection and response across endpoints, reducing ransomware and malware impact.

Secure Endpoint Management (Absolute Security)

Encrypt and sanitize data across the device lifecycle.

SentinelOne Prompt Security

Secures enterprise AI usage to reduce data exposure, leakage and risk.

PROACTIVE RISK MITIGATION & COMPLIANCE

Secure Endpoint Management (Absolute Security)

Enables continuous monitoring and automated remediation of security gaps, helping organizations meet standards like NIST, GDPR, HIPAA.

Lenovo 2026 Lenovo Internal. All rights reserved.

Prioritized security solutions for every industry.

STREAMLINED ASSET MANAGEMENT ACROSS DIVERSE DEVICE ECOSYSTEMS

Lenovo Device Orchestration

Unifies device management and infrastructure compliance.

DATA PRIVACY & COMPLIANCE

ThinkShield Data Defense (Cigent)

Encrypts sensitive data, prevents unauthorized access, and supports compliance frameworks. Renders data invisible to malware, unauthorized users, and alternative operating systems.

SUPPLY CHAIN INTEGRITY

ThinkShield Build Assure
ThinkShield Device Assure

Ensures hardware authenticity and prevents tampering from manufacturing to EOL.

OPERATIONAL SECURITY & COMPLIANCE WHEN DISRUPTIONS OCCUR

Backup and Recovery (OpenText/Carbonite)

Minimizes downtime and restores operations quickly after incidents; meets regulatory requirements for data retention and recovery.

REMOTE WORK SECURITY

ThinkShield TraceLock (Absolute Security)

Maintains device control below the OS and beyond the network.

Secure VPN Access (Absolute Security) + MFA & Passwordless Authentication (Secret Double Octopus)

Protects against unsafe networks and visual hacking in public spaces.

FIRMWARE & BIOS PROTECTION & FIRMWARE INTEGRITY ACROSS THE FLEET

Firmware Resiliency
Firmware Assurance

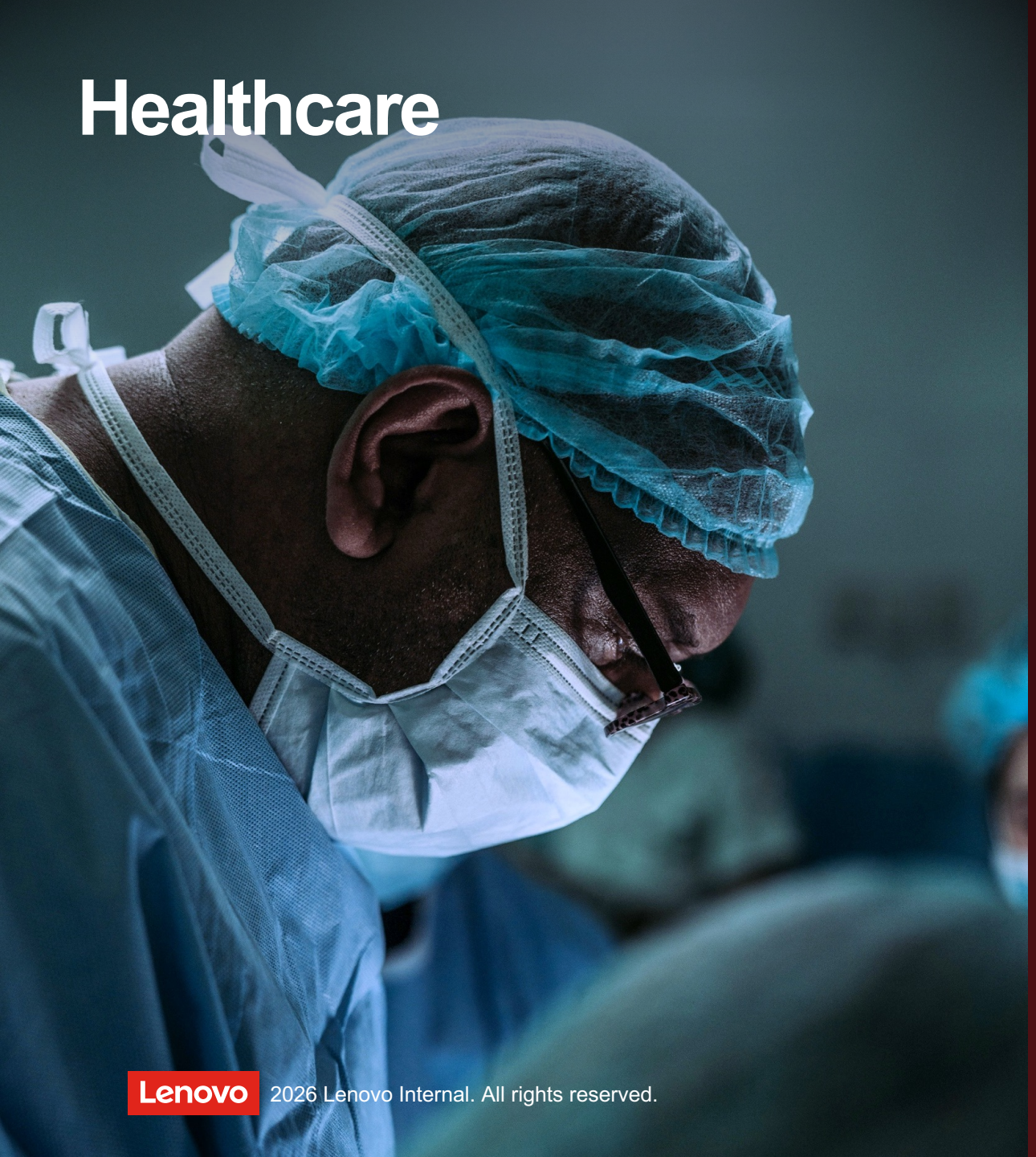
Improves threat detection and response by eliminating blind spots.

Self-Healing BIOS

Automatically restores BIOS if compromised, minimizing downtime and risk.

Lenovo 2026 Lenovo Internal. All rights reserved.

Healthcare



Top priorities
Protect EHRs & IoMT devices; HIPAA/GDPR compliance; ransomware resilience; secure telemedicine

Requirements
Patient safety tied to uptime; AI-driven diagnostics security; medical device firmware integrity

Lenovo 2026 Lenovo Internal. All rights reserved.

Healthcare

SECURE TELEHEALTH & REMOTE CARE PLATFORMS

Endpoint Security (Absolute Security) + Secure VPN Access (Absolute Security) + ThinkShield TraceLock (Absolute Security)

Protects remote sessions; prevents unauthorized access; maintains patient trust in virtual care; maintains device control below the OS and beyond the network.

PREVENT RANSOMWARE & MALWARE ATTACKS

ThinkShield XDR (SentinelOne)

AI-driven detection and response across endpoints, reducing ransomware and malware impact.

IDENTITY & ACCESS MANAGEMENT FOR CLINICIANS

Multi-Factor Authentication (MFA) & Role-Based Access

Prevents insider threats; ensures only authorized staff access sensitive data; improves audit readiness.

PROTECT PATIENT DATA & PHI (HIPAA COMPLIANCE), CYBER THREATS & AI RISKS

ThinkShield XDR (Sentinel One) + ThinkShield Data Defense (Cigent)

Ensures confidentiality and integrity of PHI; meets HIPAA/GDPR compliance; reduces breach risk.

SentinelOne Prompt Security

Secures enterprise AI usage, helping reduce exposure to shadow AI, data leakage and autonomous agent risks.

IOMT DEVICE SECURITY (CONNECTED MEDICAL DEVICES)

Firmware Defense & BIOS Protection

Blocks firmware-level attacks; ensures device integrity; safeguards patient monitoring systems.

SUPPLY CHAIN INTEGRITY & ASSET ORCHESTRATION ACROSS LOCATIONS

ThinkShield Build Assure
ThinkShield Device Assure

Ensures hardware authenticity and prevents tampering from manufacturing to EOL.

Lenovo Device Orchestration

Reduces IT overhead and improves operational efficiency with centralized patching and device management.

Lenovo 2026 Lenovo Internal. All rights reserved.

Manufacturing

Top priorities
OT/IT convergence security; IP protection; ransomware prevention; supply chain integrity

Requirements
Legacy system hardening; secure IoT sensors; compliance with export control & data sovereignty

IP PROTECTION & OT SECURITY

ThinkShield Data Defense, ThinkShield XDR, Secure EndPoint Management

Encrypts sensitive data and IP; prevents unauthorized access and supports regulatory compliance. Prevents IP theft through advanced threat detection; protects proprietary designs and innovations.

PROTECTION AGAINST RANSOMWARE & MALWARE

ThinkShield XDR (SentinelOne)

AI-driven detection and response across endpoints; minimizes downtime and production disruption.

Lenovo 2026 Lenovo Internal. All rights reserved.

Manufacturing

SECURE ENDPOINT LIFECYCLE MANAGEMENT

Secure Endpoint Management (Absolute Security)

Encrypts and sanitizes data across device lifecycle; manages asset inventory and supports regulatory compliance.

CONTINUOUS RISK MONITORING & COMPLIANCE

Secure Endpoint Management (Absolute Security)

Enables automated remediation and monitoring; helps meet NIST and DFARS standards.

STREAMLINED ASSET ORCHESTRATION ACROSS FACTORIES

Lenovo Device Orchestration

Centralized patching and device management; reduces IT overhead and improves operational efficiency.

SUPPLY CHAIN INTEGRITY & HARDWARE AUTHENTICITY

ThinkShield Build Assure
ThinkShield Device Assure

Ensures hardware authenticity and prevents tampering from manufacturing to EOL.

OPERATIONAL SECURITY & COMPLIANCE WHEN DISRUPTIONS OCCUR

Backup and Recovery (OpenText/Carbonite)

Minimizes downtime and restores operations quickly after incidents; meets regulatory requirements for data retention and recovery.

FIRMWARE AND BIOS PROTECTION

Firmware Resiliency + Self-Healing BIOS

Detects and recovers from firmware attacks; ensures uptime and protection from firmware tampering incidents.

Lenovo 2026 Lenovo Internal. All rights reserved.

Education

Top priorities
FERPA/COPPA compliance; secure student records; ransomware defense; safe AI adoption

Requirements
Shadow AI risk mitigation; edtech vendor compliance; privacy for minors (K-12)

PROTECT STUDENT DATA & PERSONALLY IDENTIFIABLE INFORMATION (PII)

ThinkShield Data Defense (Cigent)

Encrypts sensitive student data; prevents unauthorized access; supports FERPA, COPPA, and GDPR compliance.

PREVENT RANSOMWARE & MALWARE ATTACKS

ThinkShield XDR (SentinelOne)

AI-powered detection and response across endpoints; minimizes downtime and protects learning continuity.

SECURE ENDPOINT LIFECYCLE MANAGEMENT

Secure Endpoint Management (Absolute Security) + Data Erasure (Blancco, Absolute Security)

Enables encryption, remote wipe, and device tracking; ensures secure compliance, decommissioning, and destruction.

Lenovo 2026 Lenovo Internal. All rights reserved.

Education

COMPLIANCE WITH EDUCATION-SPECIFIC FRAMEWORKS (FERPA, NIST 800-171)

Secure Endpoint Management (Absolute Security)

Helps meet federal and state mandates; automates remediation and reporting.

STREAMLINED DEVICE ORCHESTRATION ACROSS CAMPUSES

Lenovo Device Orchestration

Centralized patching and asset management; reduces IT workload and improves security posture.

SECURE REMOTE LEARNING ENVIRONMENTS

Secure VPN Access (Absolute Security) + MFA and Passwordless Authentication (Secret Double Octopus)

Protects against unsafe networks and phishing; ensures secure access for students and faculty.

SAFEGUARD IOT & CLASSROOM DEVICES

Firmware Resiliency + Self-Healing BIOS

Detects and recovers from firmware attacks; ensures uptime and device integrity.

OPERATIONAL SECURITY & COMPLIANCE WHEN DISRUPTIONS OCCUR

Backup and Recovery (OpenText/Carbonite)

Minimizes downtime and restores operations quickly after incidents; meets regulatory requirements for data retention and recovery.

Lenovo 2026 Lenovo Internal. All rights reserved.

Government & Public Sector

Top priorities
Zero Trust architecture; critical infrastructure protection; compliance with NIS2/DORA; secure citizen data

Requirements
National security-grade encryption; secure inter-agency data sharing; legacy modernization

PROTECTION OF SENSITIVE CITIZEN DATA & NATIONAL SECURITY ASSETS

ThinkShield Data Defense (Cigent)

Encrypts sensitive data; prevents unauthorized access; supports compliance with FISMA, NIST, and GDPR.

DEFENSE AGAINST CYBER THREATS & AI RISKS

ThinkShield XDR (SentinelOne)

AI-powered detection and response; minimizes downtime; protects critical infrastructure.

SentinelOne Prompt Security

Secures enterprise AI usage, helping reduce exposure to shadow AI, data leakage and autonomous agent risks.

Lenovo 2026 Lenovo Internal. All rights reserved.

Government & Public Sector

SUPPLY CHAIN INTEGRITY & HARDWARE AUTHENTICITY

ThinkShield Build Assure
ThinkShield Device Assure

Ensures hardware authenticity and prevents tampering from manufacturing to EOL.

SECURE ENDPOINT LIFECYCLE MANAGEMENT ACROSS AGENCIES

Secure Endpoint Management (Absolute Security) + Data Erasure (Blancco, Absolute Security)

Enables encryption, remote wipe, and device tracking; ensures secure compliance, decommissioning, and destruction.

PROTECTION OF LEGACY SYSTEMS & FIRMWARE

Firmware Resiliency + Self-Healing BIOS

Detects and recovers from firmware attacks; ensures uptime and operational continuity.

ZERO TRUST ARCHITECTURE FOR REMOTE & HYBRID GOVERNMENT WORKFORCES

Secure VPN Access (Absolute Security) + MFA and Passwordless Authentication (Secret Double Octopus) + ThinkShield TraceLock (Absolute Security)

Secures remote access; protects against insider threats and unsafe networks; maintains device control below the OS and beyond the network.

PROTECTION OF OPERATIONAL TECHNOLOGY (OT) IN CRITICAL INFRASTRUCTURE

ThinkShield Hardware Defense (Sepio) + Secure Endpoint Management (Absolute Security)

Secures IT/OT convergence; prevents sabotage and service disruption.

OPERATIONAL SECURITY & COMPLIANCE WHEN DISRUPTIONS OCCUR

Backup and Recovery (OpenText/Carbonite)

Minimizes downtime and restores operations quickly after incidents; meets regulatory requirements for data retention and recovery.

Lenovo 2026 Lenovo Internal. All rights reserved.

Finance

Top priorities
GLBA, PCI DSS, SOX, GDPR, CCPA compliance; secure digital banking and fintech; fraud detection and prevention; data-centric security

Requirements
Real-time transaction monitoring; behavioral analytics; secure cloud adoption and patch management

PROTECTION OF CUSTOMER FINANCIAL DATA & PII (PCI DSS, GLBA, GDPR, SOX COMPLIANCE)

ThinkShield Data Defense (Cigent)

Encrypts sensitive financial data; prevents unauthorized access; supports global compliance mandates.

DEFENSE AGAINST CYBER THREATS & AI RISKS

ThinkShield XDR (SentinelOne)

AI-powered detection and response; minimizes downtime; protects critical financial systems.

SentinelOne Prompt Security

Secures enterprise AI usage, helping reduce exposure to shadow AI, data leakage and autonomous agent risks.

SECURE ENDPOINT LIFECYCLE MANAGEMENT ACROSS BRANCHES & MOBILE TEAMS

Secure Endpoint Management (Absolute Security) + Data Erasure (Blancco, Absolute Security) + ThinkShield TraceLock (Absolute Security)

Enables encryption, remote wipe, and device tracking; ensures secure compliance, decommissioning, and destruction.

Lenovo 2026 Lenovo Internal. All rights reserved.

Finance

ZERO TRUST ARCHITECTURE FOR REMOTE FINANCIAL ADVISORS AND HYBRID WORKFORCES

Secure VPN Access (Absolute Security) + MFA and Passwordless Authentication (Secret Double Octopus)

Secures remote access; protects against insider threats and unsafe networks.

SECURE DIGITAL BANKING & FINTECH PLATFORMS

OS-to-Cloud Protection + Identity & Access Management + ThinkShield Data Defense (Cigent) + Backup and Recovery (OpenText/Carbonite)

Enables secure, seamless access; protects customer transaction data; restores operations through data retention and recovery.

PROTECTION OF LEGACY SYSTEMS & FIRMWARE IN FINANCIAL INFRASTRUCTURE

Firmware Resiliency + Self-Healing BIOS

Detects and recovers from firmware attacks; ensures uptime and operational continuity.

SUPPLY CHAIN INTEGRITY & HARDWARE AUTHENTICITY

ThinkShield Build Assure
ThinkShield Device Assure

Ensures hardware authenticity and prevents tampering from manufacturing to EOL.

PROTECTION OF FINANCIAL IP & TRANSACTION DATA

ThinkShield Hardware Defense (Sepio) + ThinkShield XDR (SentinelOne)

Prevents IP theft and fraud; secures proprietary algorithms and transaction logs.

ENSURE PATCH DEPLOYMENT

Lenovo Patch

Reduces security risks by streamlining tasks related to software, BIOS, and driver updates across the device fleet.

Lenovo 2026 Lenovo Internal. All rights reserved.

Retail

Top priorities
PCI DSS compliance; secure POS & e-commerce; customer data privacy; fraud prevention

Requirements
Omnichannel security; loyalty program data protection; AI personalization governance

PROTECTION OF CUSTOMER PII & PAYMENT DATA (PCI, GDPR, CCPA COMPLIANCE)

ThinkShield Data Defense (Cigent)

Encrypts sensitive customer data; prevents unauthorized access; supports compliance with global privacy laws.

DEFENSE AGAINST RANSOMWARE, PHISHING & MALWARE

ThinkShield XDR (SentinelOne)

AI-powered detection and response across endpoints; minimizes downtime and protects brand reputation.

Lenovo 2026 Lenovo Internal. All rights reserved.

Retail

SUPPLY CHAIN INTEGRITY & HARDWARE AUTHENTICITY

ThinkShield Build Assure
ThinkShield Device Assure

Ensures hardware authenticity and prevents tampering from manufacturing to EOL.

PROTECTION OF POS SYSTEMS & DISTRIBUTED RETAIL INFRASTRUCTURE

Firmware Resiliency + Self-Healing BIOS

Detects and recovers from firmware attacks; ensures uptime and integrity of critical retail systems.

SECURE ENDPOINT LIFECYCLE MANAGEMENT ACROSS STORES & WAREHOUSES

Secure Endpoint Management (Absolute Security) + Data Erasure (Blancco, Absolute Security)

Enables encryption, remote wipe, and device tracking; ensures secure compliance, decommissioning, and destruction.

SECURE REMOTE ACCESS FOR RETAIL STAFF & THIRD-PARTY VENDORS

Secure VPN Access (Absolute Security) + MFA and Passwordless Authentication (Secret Double Octopus)

Protects against unsafe networks and insider threats; ensures secure access to retail systems.

SECURE OMNICHANNEL CUSTOMER EXPERIENCE (ECOMMERCE, MOBILE, IN-STORE)

ThinkShield XDR (SentinelOne) + Secure Endpoint Management (Absolute Security)

Secures data across platforms; blocks unauthorized apps; supports personalized yet secure experiences.

Lenovo 2026 Lenovo Internal. All rights reserved.

Smarter technology for all

Lenovo

thanks.