ThinkShield | **SLG COMMUNITY**

Protect public workforce data in a hybrid and mobile world.

Government customers trust solutions like the Lenovo ThinkPad X1 Yoga with Intel vPro, and Intel Evo Design with 12th Gen Intel Core i9 processors and Windows 11 Pro for business.

intel vPRO An Evo Design

Windows 11

Lenovo recommends Windows 11 Pro for business

Smarter technology for all

Lenovo

ThinkShield | SLG COMMUNITY

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Lenovo modern devices feature Windows 11 Pro and the built-in enhanced security features of the Intel® vPro®, An Intel® Evo™ Design.

intel.
vPRO
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Lenovo recommends Windows 11 Pro for business

Lenovo

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Cybersecurity is having a moment.

30,819 The White House reported 30,819 information security incidents across the federal government in 2020, an increase of 8%.[1]

74% of organizations plan to permanently shift to more **remote work** post-pandemic.[2]

77% It takes an average of 77% longer for the public sector to discover and contain data breaches compared to other industries.[3]

6.95M 6.95 million **new phishing and scam web pages** were created this year.[4]

$1.93M The average cost of a data breach in the public sector is $1.93M.[5]

20% Remote workers have **caused data breaches** in 20% of organizations.[6]

3x **Attacks on IoT devices** tripled.[7]

68% of organization leaders feel their **cybersecurity risks are increasing.**[8]

ThinkPad T14s *i* with Intel® vPro,® an Intel® Evo™ Design, is built for what IT needs and users want.

intel vPRO
An Evo™ Design

Windows 11

Lenovo recommends Windows 11 Pro for business

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Security never stops.

Lenovo's product security management system ensures proper, secure oversight from before a product is created until well after its release. Security is constantly evolving. Lenovo adapts to security changes throughout the life cycle of the product and beyond.

Governance

Lenovo's product security oversight and Security Review Board ensure internal product development is following proper, secure processes, especially for BIOS and firmware creation and distribution.

Supply Chain

Lenovo's rigorous Supply Chain Security program ensures the quality of all partners in the device manufacturing process.

Resolution

Lenovo's Product Security Incident Response Team (PSIRT) safeguards the confidentiality, integrity, and availability of your data, and proactively seeks emerging threats that may pose a risk.

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Windows 11

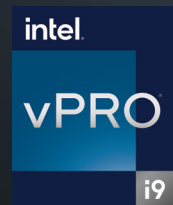Lenovo recommends Windows 11 Pro for business
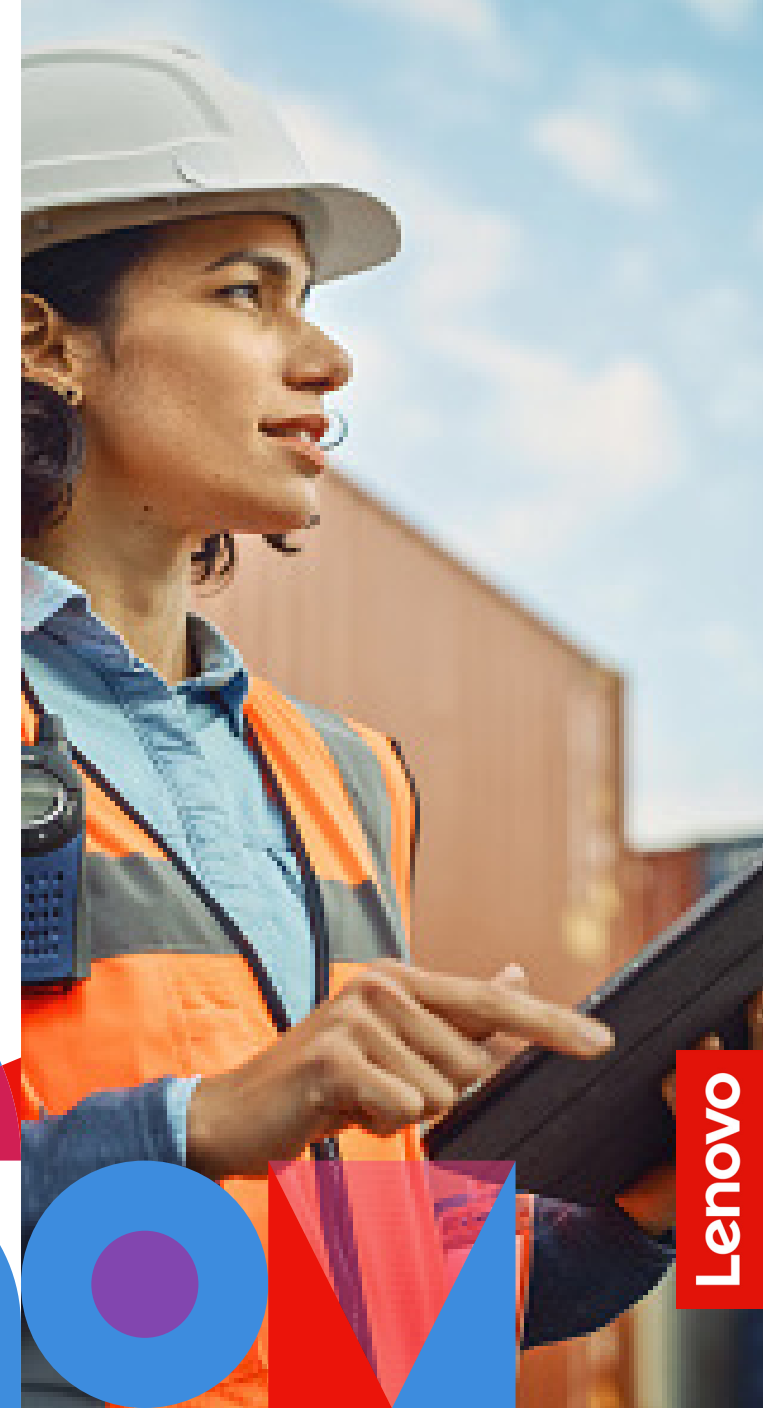
Lenovo

ThinkShield is ready.

The ThinkShield hardware-embedded and security software portfolio leverages the Intel® Evo™ design platform to safeguard all the physical layers of a device, building protections for holistic and comprehensive security coverage. It is designed on Zero Trust principles to best serve the evolving security needs of your teams.

ThinkShield | SLG COMMUNITY

ThinkPad P1
Mobile Workstation

intel vPRO i9

Windows 11

Lenovo recommends Windows 11 Pro for business

Converged security principles and solutions enable IT to drive transformation.
When IT spends less time on updates and password resets, they can serve a more critical role as drivers of innovation.

Security that interferes with productivity is unacceptable.
If device security slows down your employees, they'll find ways to circumvent it. The best solutions stay out of their way.

Innovation must not outpace security.
Every technological advancement opens an organization up to new threats — and hackers are ready to exploit them. Security solutions must be able to evolve along with innovations.

Comprehensive solutions reduce costs and pay returns.
Technical debt accumulates when you attempt to solve one security issue at a time with solutions that weren't designed to work together. Customizable, end-to-end solutions reduce sunk costs and create new cost efficiencies.
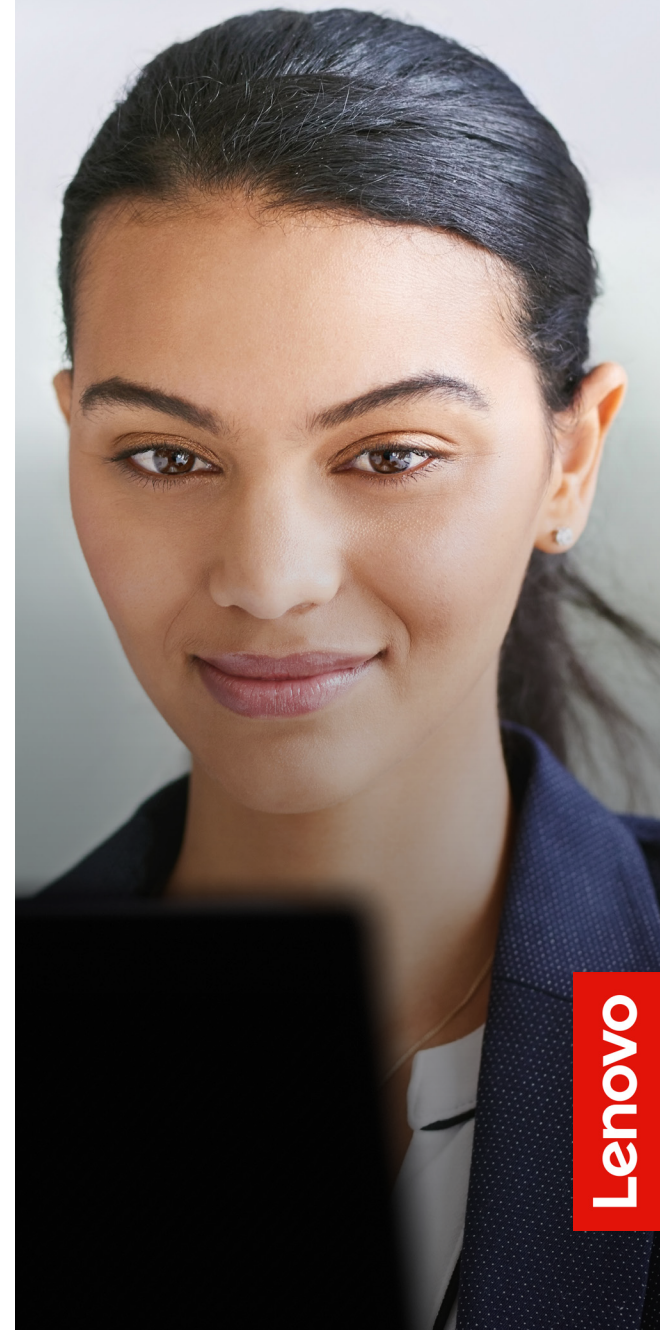
Lenovo

What is ThinkShield?

It's a converged, Zero Trust, end-to-end security portfolio encompassing hardware-embedded features, software, and services. It offers exclusive Zero Trust supply chain and both below-the-OS and OS-to-cloud solutions throughout the life cycle of the device.

76%

of security pros are focused on detection, but **protection can save organizations up to $1.4M per attack.**[9]

38%

Only 38% of global organizations **believe they are prepared** for a sophisticated cyberattack.[10]

Lenovo recommends Windows 11 Pro for business

Advanced solutions across four categories

ThinkShield
Built-in Platform Security

- Intel vPro® platform
- Microsoft Secured-core PC-ready
- Secure wipe
- Self-healing BIOS
- Tamper switch
- Security Engine
- Webcam privacy shutter
- Windows 11 Hello and FIDO2

ThinkShield
Identity Protection

- Fingerprint reader with match-on-chip
- IR camera
- Keep Your Drive service
- PrivacyGuard with PrivacyAlert (shoulder surfing protection)

ThinkShield
Threat and Data Protection

- Full-disk encryption and management
- Next-gen AI-powered antivirus and advanced device protection

ThinkShield
Security Management

- ThinkShield Asset Intelligence
- ThinkShield Remote Access
- Device Geolocation and Management
- Lenovo Patch
- Lenovo Device-as-a-Service
- Lenovo Commercial Vantage device management portal

ThinkPad X13 *i* features Intel vPro,® An Intel® Evo™ Design, for an exceptionally thin and light laptop experience.

Security by Design

Security begins in R&D and extends through our supply chain and the lifecycle of every device we build.

Secure Supply Chain

Our exclusive Zero Trust Supply Chain powered by the Intel vPro® platform brings disruptive security transparency to supply chain, device components, and installed software.

ThinkShield | SLG COMMUNITY

Can your devices defend and repair themselves?

Advanced hardware, firmware, and BIOS self-healing security hardens endpoints from attack and restores devices to a known good state.
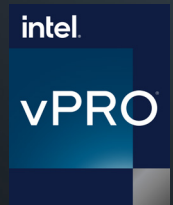
Firmware vulnerabilities **have grown**

750%

since 2016.[11]

ThinkPad X1 Yoga with Intel vPro,® An Intel® Evo™ Design, is built for what IT needs and users want.

intel vPRO
An Evo™ Design

Windows 11

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Intel® Hardware Shield
Part of the Intel vPro® platform, Intel® Hardware Shield puts extra locks on the Lenovo BIOS so a bogus firmware update can't take hold of your device.

Infrared camera
Integrated IR cameras enable biometric authentication and presence detection, which alert users to shoulder surfers and lock the device when the user is away.

Secured-core PC
Guards against attacks aimed below the operating system, keeping malicious code out of the BIOS. Deep security integration between hardware, firmware, and the Windows 11 Pro OS builds a bedrock of security at the heart of the device.
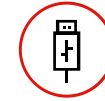
The root of trust
Secured-core PCs boot up against a security checklist known as the "root of trust." If processes and movements deviate from the norm, boot-up is aborted.

Secured-core PC Enablement Services
The Lenovo team can configure a Secured-core PC at the factory, ensuring your entire fleet is enabled consistently and accurately.
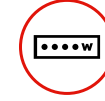
Port protection
Smart Thunderbolt™/USB protection prevents unauthorized data transfer by restricting port access to only non-storage peripherals.
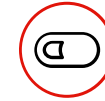
Security Engine
A custom chip embedded within Lenovo Think devices that performs security functions that are completely isolated from the software.
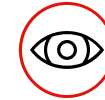
USB secure hard drive
High-level, 256-bit AES security, as well as a keypad for entering an 8- to 16-digit password.

Webcam privacy shutter
Integrated physical webcam cover assures that the camera is not in use.

PrivacyGuard
Filters the screen to restrict the field of view.

Lenovo

Defending data against tomorrow's threats.

Almost every component in a PC is susceptible to attack. The Lenovo ThinkShield portfolio leveraging the Intel vPro® platform is watching all of them. You can't be with employees every minute … but ThinkShield can.

Data encryption
Whether data lives on a device hard drive or in the cloud, ThinkShield hardware-embedded protection can encrypt it from end to end so sensitive data can be safely shared.

Passwordless authentication
Eight modes of secure authentication — including biometrics, PIN, and picture passwords with Windows 11 Hello — take the peril out of passwords and credentials. And if desired, ThinkShield will also provide passwordless solutions.

Lenovo's match-on-chip and match-on-network fingerprint readers are the most secure in the industry.

Next-generation antivirus protection
Cloud-based and autonomous, ThinkShield uses AI and ActiveEDR to predict, prevent, and even stop zero-day attacks, alerting the network and rolling your devices back to a clean, known good (pre-breach) state.

Secure disposal
Your data is protected even when your device reaches end of life. You can elect to keep your hard drive,[12] or we can securely wipe the data and dispose of the device in an environmentally sensitive manner.

38%
of employees are not confident they know how to stay secure while working remotely.[13]

46%
of websites have high-security vulnerabilities that an end user could never know about.[14]

ThinkPad T14s *i* with Intel vPro,® An Intel® Evo™ Design, for stability and reliability

intel vPRO
An Evo™ Design

Windows 11

Lenovo recommends Windows 11 Pro for business

Lenovo

Is it really a solution if you're working harder?

ThinkShield, powered by the Intel vPro® platform, gives IT teams a custom-fitted solution to protect and manage the entire fleet — even remotely.

ThinkCentre® M90q Tiny designed on Intel vPro® platform

ThinkVision® P27h

intel vPRO i9

Lenovo recommends Windows 11 Pro for business

Windows 11

State-of-the-art patching
Lenovo Patch makes it easy to quickly patch vulnerabilities and keep devices up to date. Critical patches can be instantly delivered organizationwide.

Lenovo Thin Installer
Install updates behind the scenes automatically without involving the end user. Lenovo Thin Installer also directly injects a patch into the OS without adding code.

ThinkShield Endpoint Persistence
Our advanced solution delivers visibility to every device in your network, no matter where it's operating.

Self-healing BIOS
The Lenovo BIOS automatically restores endpoint devices to a clean, pre-breach known good state in the event of an attack.

Windows Autopilot
Simplify deployment with zero-touch device provisioning for IT.

Lenovo Commercial Vantage
Give your users a central portal that you configure — to manage hardware settings, set preferences, and check system updates.

Device-as-a-Service
Deploy devices with security that is always up to date.

79%
of organizations currently use **security automation tools** or plan to use them within the next 3 years.[15]

$1.55M
Incident response automation can **reduce the total cost** of a data breach by $1.55M.[16]

Lenovo

The vision is yours. Get there with Lenovo TruScale™.

Lenovo TruScale provides a simple, convenient way to access all of our solutions through an as-a-service model.

With Device-as-a-Service through Lenovo TruScale, you can equip your workforce and get an end-to-end security solution wrapped in every device.

Choose from the latest Lenovo devices with Windows 11 Pro powered by Intel vPro,® An Intel® Evo™ Design — built for what IT needs and users want.

Free up capital and improve employee productivity.

Get end-to-end services and support that precisely match your needs.

Enjoy the simplicity of one predictable monthly fee.

Easily add or remove devices from your plan or pause your service as organization needs change.

intel vPRO

An Evo™ Design

Windows 11

Lenovo recommends Windows 11 Pro for business

ThinkCentre Tiny-in-One 24"

ThinkPad X1 Nano

63%

of IT leaders reported they'd increased their use of DaaS over the previous year.[17]

A battle on infinite fronts: Securing the IoT.

The next step in the ongoing digitization of industry is the Internet of Things (IoT): bringing connectivity and intelligence to a new class of devices.

Connected objects are transforming organizations. But many of these devices were not designed with security in mind.

With the Lenovo ThinkEdge SE30, organizations have a simple edge computing option for securing and centralizing the management of connected devices.

5 minutes

The **amount of time** it takes for an IoT device to be attacked by bots once connected.[18]

intel vPRO
An Evo Design
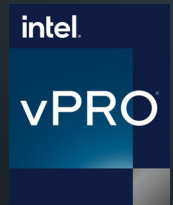
Windows 11

Lenovo recommends Windows 11 Pro for business

Image persistence
If critical applications go offline or malfunction, ThinkShield Endpoint Persistence technology can automatically get them back online.

Encryption
In addition to a TPM chip, ThinkShield offers additional encryption and OEM-exclusive services that can protect data from prying eyes.

MobileIron
Provides a console through which IoT devices, data, security, and policies can be managed.

Virtualization-based security
Isolates IoT device activity from other critical processes, preventing malware from entering the network.
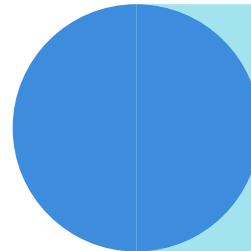
ThinkEdge SE30
A secure gateway for protecting IoT devices against attack. All devices connected to the ThinkEdge SE30 benefit from ThinkShield, powered by the Intel vPro® platform, which provides built-in enhanced security features.

ThinkVision
T27hv

Lenovo

Free up your time to innovate.

IT leaders do more than protect data. You accelerate progress.

IT security gives organizations a competitive edge.
The ThinkShield security portfolio speeds technological progress without impeding the employee experience.

IT security isn't a cost — it's an investment.

With ThinkShield, powered by the Intel vPro® platform, IT will spend less time setting up, monitoring, and securing devices, and more time implementing breakthrough technology.

Security solutions keep IT teams agile and ahead of the game.

You don't have to play catch-up. ThinkShield solutions prepare you for tomorrow's threats with PCs that can defend themselves.

49%

of leaders are very or **"extremely concerned"** about cybersecurity threats negatively impacting their organization over the next 12 months.[19]

ThinkPad X1 Carbon with Intel vPro,® An Intel® Evo™ Design, is built for what IT needs and users want.

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intel. vPRO
An Evo™ Design

Windows 11

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Lenovo recommends Windows 11 Pro for business

Evolve and thrive with ThinkShield security.

ThinkShield is Lenovo's converged Zero Trust end-to-end security portfolio, encompassing hardware-embedded features, software, and services to secure your critical data and technology. Lenovo recommends Windows 11 Pro for business powered by the Intel vPro® platform.

Visit **www.lenovo.com/government** or **contact us** to connect with a Lenovo for Government representative.

We can help.

Smarter technology for all