Simplify IT management in a cloud-first learning environment

Extend your IT resources with efficient, cloud-based management, powered by Lenovo and Windows 11 SE.

While the cloud has delivered efficiencies for years, school IT teams have just recently begun to reap its rewards. The pandemic turned everything on its head, and now, the demands for virtual learning are greater than ever. Today's IT teams need devices that they can easily repair, repurpose, and upgrade — even for remote students. At the same time, they must keep student and school data safe, especially if devices are damaged or lost. Cloud-based management empowers IT to do more with less.

With Lenovo devices and Microsoft Windows 11 SE, K-8 IT leaders can scale their digital learning initiatives via the cloud. The integrated platform makes it easier to deploy, secure, and manage student devices, using the same IT management tools your staff is already comfortable with. To help schools maximize their technology budgets, Lenovo and Microsoft focus on embedding the right productivity, manageability, and security features into our education solutions — so your IT teams can deliver better learning experiences all year long.

Centralizing control of hybrid learning

With more students and teachers interacting in a hybrid classroom, IT teams need to do more of their tasks remotely, too. In fact, hands-free setup and management options are critical for keeping learning experiences up and running — without interruption. Schools need assignments to be easily accessible in a secure and trusted environment. Plus, IT needs to be able to count on consistent performance across device configurations, so class time can be preserved for learning opportunities.

Six out of ten technology leaders believe the biggest challenge in making a decision about classroom digital content is evaluating its quality.[1] Lenovo devices with Windows 11 SE are built for the modern classroom, backed by cloud-based management of content and access.

Why Lenovo and Microsoft?

- Lenovo devices with Microsoft Windows 11 SE provide built-in security for virtual learning, including hardware-based isolation, encryption, and malware protection.

- Windows 11 SE is based on the same foundation as Windows 10, so it's consistent for IT and supports your existing IT management tools and processes.

- Microsoft and Lenovo are committed to affordability in cloud-first devices, combining management capabilities with full versions of Microsoft Office and Minecraft: Education Edition.

IT administrators can wipe and reconfigure Windows 11 SE devices remotely using Powerwash (through Intune for Education, which is included with Microsoft 365 Education). Since Windows 11 SE has the same core as Windows 10, IT teams can use their same trusted, easy-to-use management tools. In addition, Windows 11 SE supports remote deployment of PCs via the cloud, in compliance with district policies. Windows Autopilot cloud-based provisioning technology allows for easy pre-configuration of new devices for use throughout the school year.

Protecting schools from cyber threats

Cybersecurity attacks on schools and colleges increased dramatically during the pandemic, and there are no signs of them slowing down. In fact, in the 30 days before June 28, 2022, educational organizations were the target of 82% of malware attacks.[2] Meanwhile, K-12 schools are pressured to ensure access to remote learning, making them more willing to comply with criminals' demands. For instance, the Judson Independent School District in Texas paid $547,000 to ransomware attackers in the summer of 2021 in order to regain access to its systems and stop student and staff data from being published.[3]

Lenovo devices with Windows 11 SE are secure by design, with chip-to-cloud security features that help schools fight back against ever-growing threats. Built-in security ensures that advanced protections are ready without IT teams having to configure anything. Microsoft has increased the security baseline by requiring a security chip (TPM2) and ensuring that privacy controls are turned on by default to protect from malware and sophisticated attacks — from the device to the cloud.

Windows 11 SE also comes with a Zero Trust-ready option to offer districts a suite of risk-mitigation and cloud-migration solutions. Lenovo devices have design features, like a privacy shutter (a manual slider directly above the webcam lens), as well as advanced innovations like Absolute® cybersecurity software and SentinelOne® endpoint protection, to provide layers of defense in educational environments. Our AI-driven software acts to combat cyberbullying. Plus, cloud-managed security updates can happen automatically with Intune for Education, helping to keep your school and student data safe.

Key features for IT teams

- **IT-only access** for greater control of downloads, device deployment, and access
- **Simple user experience** to reduce learning distractions and improve focus
- **Powerful, built-in security** for a trusted learning environment that keeps school and student data safe
- **Cloud-based provisioning** to easily pre-configure new devices for use during the school year
- **Hands-free setup and management** for rapid installation of educational applications
- **Online and offline experiences** to ensure cloud-based learning can occur, even without WiFi

Explore cloud-first devices for your school

Equip your K-8 schools with confidence. Lenovo Education devices running Windows 11 SE help facilitate distraction-free environments, learning accessibility, and better education outcomes — without sacrificing manageability or security. To find the right solutions for your students' needs, visit:

Lenovo.com/KidSmartTechnology

1. Preliminary Speak Up 2021-2022 Research Project Findings. (October 2021–June 2022) Project Tomorrow.
2. Microsoft Security Intelligence.
3. Nir Kshetri. (September 15, 2021) "Cybercriminals use pandemic to attack schools and colleges." GCN.