Lenovo Device Orchestration

Smarter fleet management for a modern workforce

With today's prevalence of remote and hybrid work, corporate endpoints are exposed to a growing number of cybersecurity threats evolving in severity — and even the most robust systems are vulnerable. Maintaining security-related patching is crucial yet cumbersome, as these tasks often require physical proximity to devices, manual updates or hard reboots of devices, disrupting their workday.

Organizations need unified endpoint management solutions with comprehensive patching capabilities that enable IT to remotely deploy updates. Unfortunately, these solutions often lack complete functionality, provide flawed updates, or are not tailored to the original equipment manufacturer of their device fleet.

Lenovo Device Orchestration (LDO) changes the game with Lenovo IT Assist

Lenovo's cloud-based AI assistant uses your device data to provide insights, reports, and recommended actions, helping IT streamline workflows and save time.

Developed by Lenovo engineers for Lenovo devices, LDO lets IT centrally monitor, manage, and secure their fleet. With easy deployment of firmware, drivers, BIOS, and software updates from a single dashboard, LDO boosts device performance, reduces downtime and enhances productivity.

Windows **Chrome**

Linux **Android**

PC **Smart Edge**

AR/VR **Mobile/Tablet**

What is an endpoint?

Endpoints are physical devices that connect to a network system such as mobile devices, desktop computers, virtual machines, embedded devices and servers.
- Microsoft[1]

80% of enterprises have experienced at least one firmware attack in the past two years.[2]

60% of breach victims said they were breached due to an unpatched known vulnerability where the patch was not applied.[3]

33% of critical and high vulnerabilities go unpatched for over 180 days.[4]

41% is the overall percent of security teams' time spent on firmware patches that could be automated.[5]

Core benefits:

✓ BIOS management, patch management, and system updates

✓ Predictive analytics powered by Lenovo's proprietary AI-driven machine learning model

✓ GenAI Assistant that offers proactive insights

✓ Warranty Information

✓ Battery health, power management and energy savings

Features	Tiers			
	LDO Lite	LDO	LDO Premium	LDO DEX
Active Directory / Single sign-on		X	X	X
DEX-automated remediations				X
DEX API calls and MSP support				X
DEX-customized dashboards				X
3rd-party software patching			X	X
Power management		X	X	X
System updates (BIOS/firmware/drivers)		X	X	X
IT Assist (AI-powered workflow automation)	Add-on	Add-on	Add-on	Add-on
Remote desktop		X	X	X
Virtual power control (Restart\Reboot)		X	X	X
3rd-party integrations	X	X	X	X
Automated support ticketing	X	X	X	X
Proactive and predictive recommendations	X	X	X	X
Remote syslog	X	X	X	X
Proactive and predictive mail notifications	X	X	X	X
Health monitoring dashboard	X	X	X	X
Equipment inventory and status	X	X	X	X

About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a global technology powerhouse serving millions of customers every day in 180 markets. Focused on a bold vision to deliver smarter technology for all, Lenovo has built on its success as the world's largest PC company by expanding into growth areas including software. Whether it's supporting hybrid work environments, enabling smart homes, empowering businesses, revolutionizing AI gaming experiences ,or enhancing digital learning, Lenovo Cloud and Software's portfolio of innovative solutions empower our customers to thrive in the ever-evolving digital landscape. Lenovo's world-changing innovation is building a more inclusive, trustworthy and smarter future for everyone, everywhere.

Sources:

1 https://www.microsoft.com/en-us/security/businesssecurity-101/what-is-an-endpoint
2 https://www.microsoft.com/en-us/security/blog/2021/03/30/new-security-signals-study-shows-firmware-attacks-on-the-rise-heres-how-microsoft-is-working-to-help-eliminate-this-entire-class-of-threats/
3 https://www.servicenow.com/thank-you/lpayr/ponemon-vulnerability-survey.html?elqUniqueCampainId=b9e608e1-2b37-4a9b-b2ba-11e7e2a58ba9
4 https://www.indusface.com/resources/research-reports/state-of-application-security-2025-report/
5 https://www.microsoft.com/en-us/security/blog/2021/03/30/new-security-signals-study-shows-firmware-attacks-on-the-rise-heres-how-microsoft-is-working-to-help-eliminate-this-entire-class-of-threats/

Email us at ldosales@lenovocloudsoftware.com

For more information, visit http://www.lenovo.com/us/en/software/lenovo-device-orchestration