

Smarter technology for all

Hybrid AI Future with Lenovo. The story of magnificent devices & powerful AI features of LDI+

Adas Liubancas



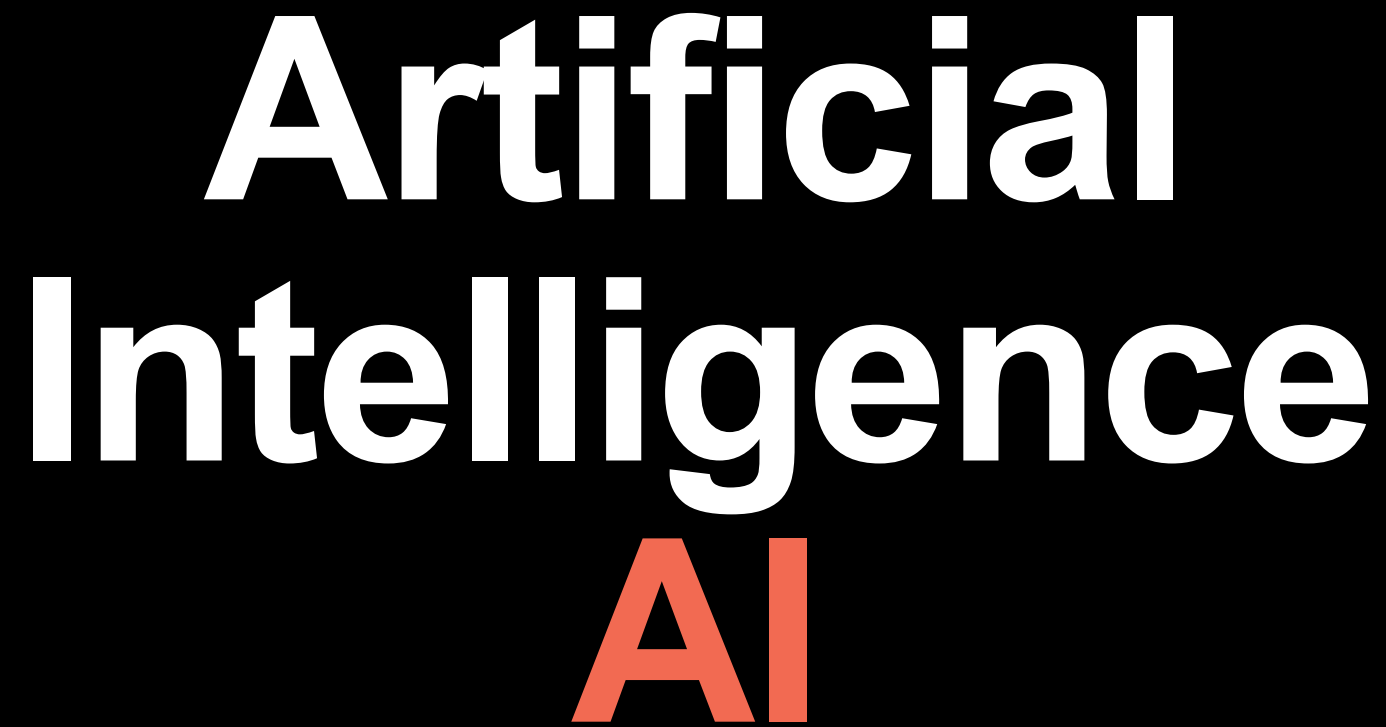
**Hybrid
AI
Future**



**Lenovo
Magnificent
Devices**



**Lenovo
Device
Intelligence Plus**

Two decorative arcs are positioned on either side of the text. The left arc is red and the right arc is blue, both curving towards the center.

Artificial Intelligence AI



DATA



Open to everyone,
Public data



Your company's
data



Your personal
data

The Lenovo Solution

AI for All

Bring AI to your data where and when you need it the most —
from pocket to the cloud — with a hybrid approach



Public

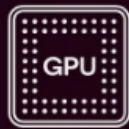


Private



Personal

A new measure of PC performance



iGPU



CPU



NPU



OS



NPU - Dedicated AI Engine / Neural Processing Unit to run AI inferencing workloads

TOPS

Trillions of
operations
per second

NPU (neural
processing unit)

TOPS for NPU



10-20

Current devices



40-50

End-2024/2025

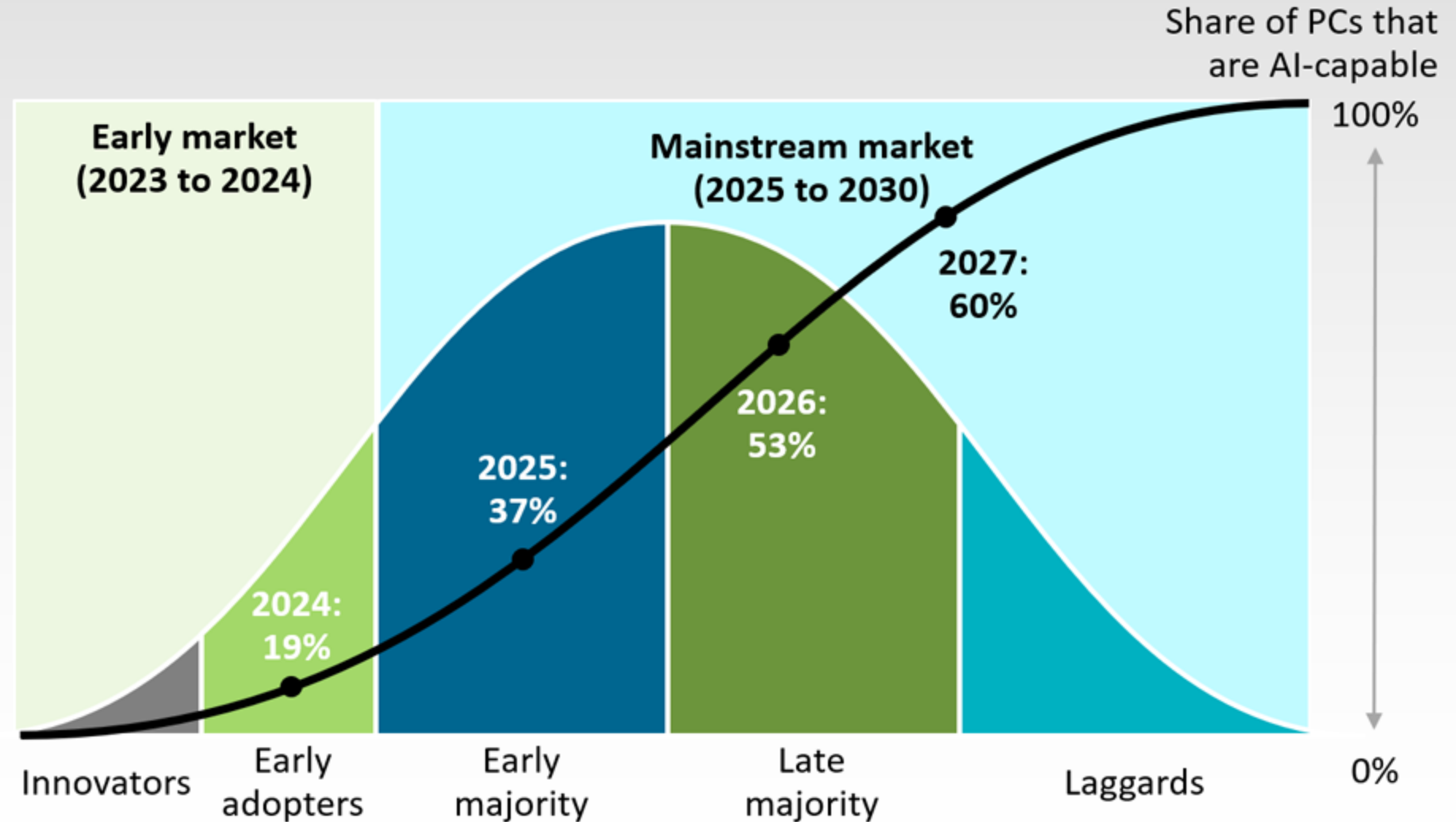


?

2025 onwards

Global AI-enabled PC adoption curve

AI-capable PCs will be **mainstream by 2025**; by 2027, **two out of every three PCs** will be AI-enabled



TOPS for NPU

2025 onwards



MIX
10-20
40+
More

World's most powerful AI workstation portfolio

Lenovo
ThinkStation

P5

**Starter
Performance AI
Workstation**

~2,947 TOPS (Max. GPU)
~151 pTOPS (Max. CPU)

Up to

- 24x Intel Xeon CPU Cores w/AMX
- 512GB ECC Memory – 4Ch.
- **2x NVIDIA RTX6000 Ada GPUs**
- NVIDIA/Mellanox 25/50GbE Ethernet
- Advanced Tri-Channel Thermal Architecture

P7

**Fully Scalable
AI Developer
Workstation**

~4,371 TOPS (Max. GPU)
~390 pTOPS (Max. CPU)

Up to

- 56x Intel Xeon CPU Cores w/AMX
- 2TB ECC Memory – 8Ch.
- **3x NVIDIA RTX6000 Ada GPUs**
- NVIDIA/Mellanox 25/50GbE Ethernet
- Advanced Tri-Channel Thermal Architecture

P8

**Most Versatile
AI Developer
Workstation**

~4,371 TOPS (Max. GPU)

Up to

- 96x AMD Threadripper Pro CPU Cores (Zen4)
- 2TB ECC Memory – 8Ch.
- **3x NVIDIA RTX6000 Ada GPUs**
- NVIDIA/Mellanox 25/50GbE Ethernet
- Advanced Tri-Channel Thermal Architecture

PX

**World's Most
Advanced AI
Workstation**

~5,828 TOPS (Max. GPU)
~756 pTOPS (Max. CPU)

Up to

- 120x Intel Xeon CPU Cores w/AMX
- 4TB ECC Memory – 16Ch.
- **4x NVIDIA RTX6000 Ada GPUs**
- NVIDIA/Mellanox 25/50GbE Ethernet
- Advanced Tri-Channel Thermal Architecture

Lenovo

Lenovo

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Lenovo

OFFICIAL WORKSTATION PARTNER

“

EFFICIENCY

**AI on NPU
Vs Cloud**

28X More
Efficient

So what NPU is all about?

“

SECURITY

**AI on NPU
Vs Cloud**

DATA Doesn't leave
your PC

So what NPU is all about?

“

SUSTAINABILITY

AI on NPU
Vs CPU+GPU

130X Power
Savings

So what NPU is all about?

Magnificent devices

“

AI PC

Lenovo

A Next Gen-AIPC that really can do it all
while not connected to a network



40+
TOPS

Copilot + PC

“

ThinkBook 16 Gen7 Qualcomm

Snapdragon
Purwa
processor

AI PC
Top Specs
On Budget

Insane
Battery

45 TOPS

32GB / 1 TB

84 Whr



“

ThinkPad T14s Gen6 Qualcomm

Snapdragon
X Elite
Performance

AIPC
with
Copilot
(On-Device AI)

Battery
efficiency

Beating the
competition

45 TOPS

29 hours



“

ThinkPad T14s Gen6 AMD

AMD Strix
Point

AIPC
with
Copilot
(On-Device AI)

Battery
efficiency

First x86 AI
ThinkPad

50 TOPS

Longest lasting
ThinkPad



“

ThinkPad X1 Carbon Gen13

Intel Lunar
Lake

Lightest
ThinkPad

Lenovo
AURA
edition
Imagined with Intel

First Intel AI
processor

990 grams

First AURA
edition ThinkPad



Copilot+PC

ThinkSmart room system portfolio



ThinkSmart
Core + Controller



ThinkSmart Core
Kit Bar 180



ThinkSmart Hub



ThinkSmart
One + Controller



ThinkSmart
Tiny Kit



ThinkSmart Edition
Smart Dock

| BYOD room | | | | | |
|---|--|--|--|--|--|
| Small (up to 6 seats) | | | | | |
| Medium (up to 12 seats) | | | | | |
| Large (up to 18 seats) | | | | | |
| Extra large with custom partners* (18+ seats) | | | | | |


“

ThinkSmart BAR 180

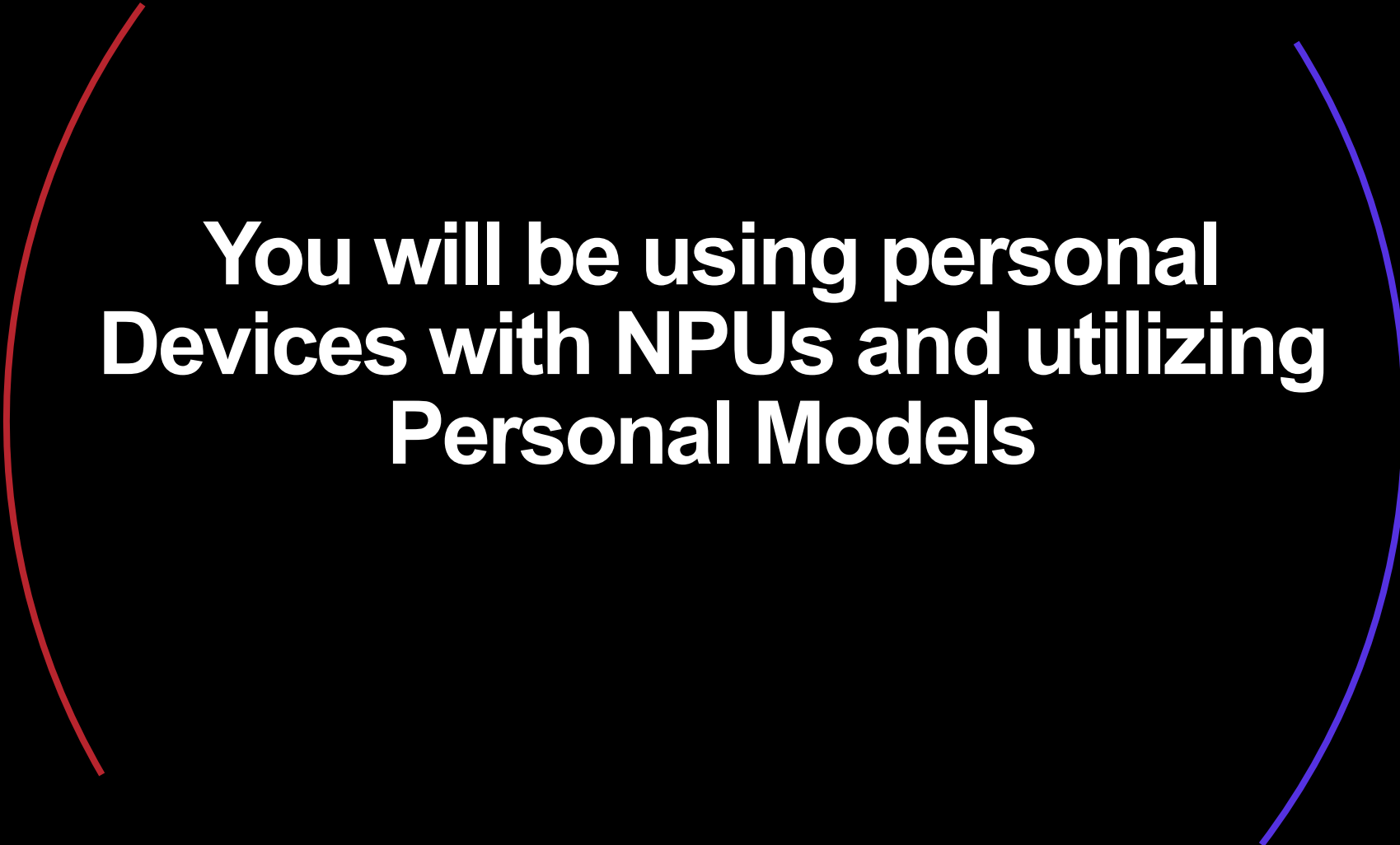




3 years future scenario



**Your company will have own
AI Model running
For Private needs (company's
Sensitive data)**



**You will be using personal
Devices with NPUs and utilizing
Personal Models**



**Intelligent tool
To keep your
Devices running**

Lenovo Device Intelligence Plus

TOOL, WHICH



**ENABLES YOUR
COMPUTERS TO
WORK AT FULL
CAPACITY**



**INCREASES
EMPLOYEE
PRODUCTIVITY AND
POSITIVE
EXPERIENCE**



**HELPS IT
ADMINISTRATORS
FOCUS ON MORE
IMPORTANT TASKS**

Lenovo Device Intelligence Plus

Monitor & Assess



Real-time monitoring

10,000

datapoints every 15 sec.

Gain insights into fleet health and end-user productivity impacts

Predict & Prevent



85% accuracy rate

Identify & execute remediations to prevent critical issues

Stop failures like storage, BSOD, and application productivity-killers

Analyze & Resolve



>90% accuracy rate

Reduce mean-time-to-resolution

Identify and correct performance issues with proven remediations

Lenovo Device Intelligence Plus



Proactively
addresses
potential
future
issues

Dashboard

Issues & Reports

BSOD Crashes

App Performance

Batteries

Storage Drives

Available Updates

Additional Reports

User Experience

UX Surveys

Discover & Resolve

Device Lookup

App Vision

Device Manager

Users Manager

Support Tickets

Configuration

Help & Resources

Storage Drive Issues ⓘ 17 hours ago

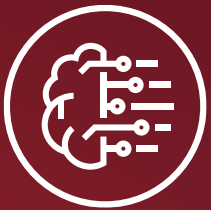
09/11/2024 - 09/12/2024

CURRENT ISSUES 888 All Detected POTENTIAL ISSUES 433 High Risk POTENTIAL ISSUES 211 Medium Risk POTENTIAL ISSUES 0 Out of Capacity

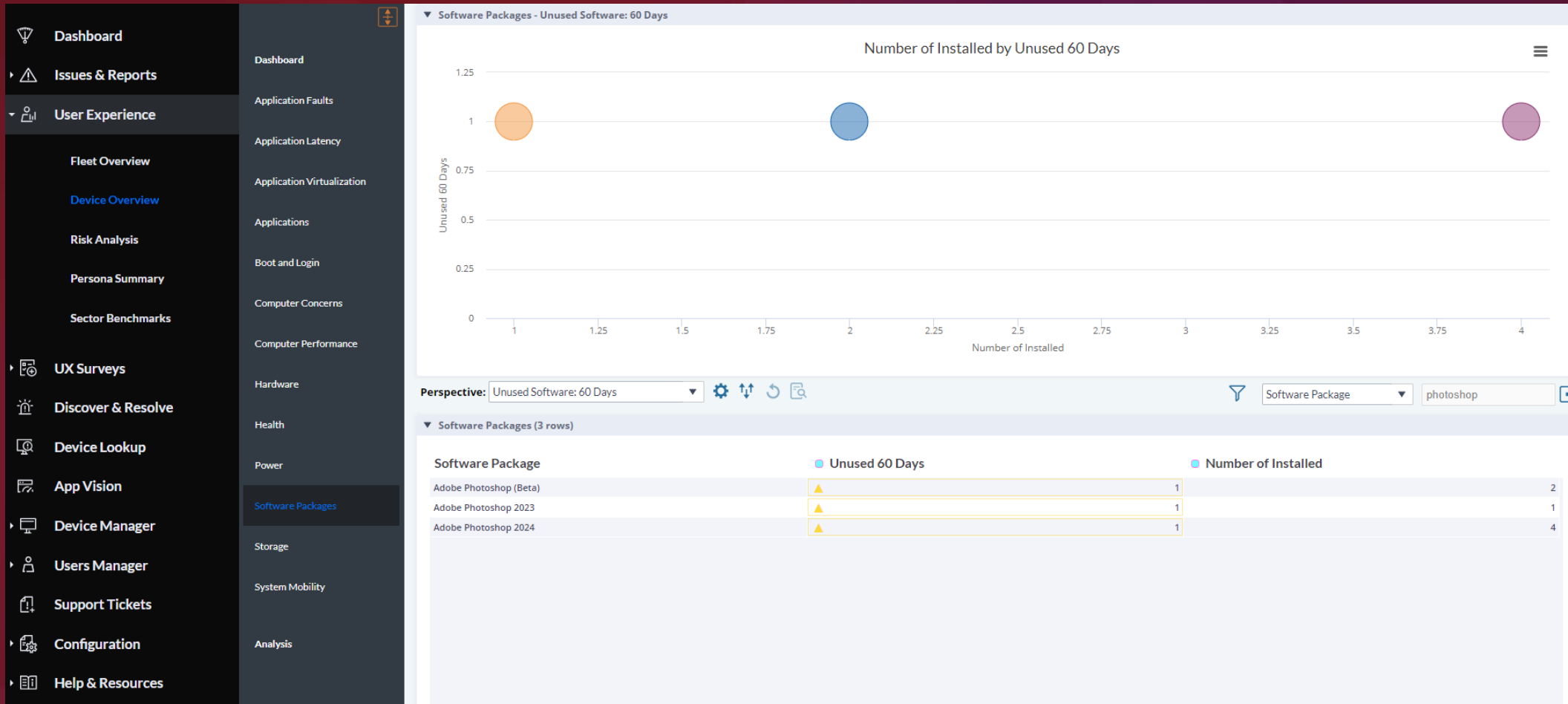
Resolution status: Includ... X

| <input type="checkbox"/> | Device Name | Serial Number | Storage Type | ⓘ | Storage Used | Severity | ⓘ | Detected Issue | Device Label | Detected On | Actions |
|--------------------------|-------------|------------------|--------------|---|----------------------|----------|---|------------------|---------------|----------------------|---------|
| <input type="checkbox"/> | System5063 | SN83167844-00129 | SSD | | 83% used (1138 G... | High | | HW_STORAGE_DE... | 20QD +1 | 09-29-2019 11:09 ... | ⋮ |
| <input type="checkbox"/> | System3849 | SN83167844-00137 | SSD | | 83% used (1401 G... | Medium | | HW_STORAGE_DE... | Office1 | 09-29-2019 11:09 ... | ⋮ |
| <input type="checkbox"/> | System5635 | SN83167844-00138 | HDD | | 95% used (816 GB ... | Low | | HW_STORAGE_DE... | Office1 | 09-29-2019 11:09 ... | ⋮ |
| <input type="checkbox"/> | System3480 | SN83167844-00136 | SSD | | 37% used (373 GB ... | High | | HW_STORAGE_DE... | Office1 | 09-29-2019 11:09 ... | ⋮ |
| <input type="checkbox"/> | System4462 | SN83167844-00145 | SSD | | 10% used (114 GB ... | High | | HW_STORAGE_DE... | Office2 | 09-29-2019 11:09 ... | ⋮ |
| <input type="checkbox"/> | System3763 | SN83167844-00158 | SSD | | 72% used (1314 G... | High | | HW_STORAGE_DE... | Office1 | 09-29-2019 11:09 ... | ⋮ |
| <input type="checkbox"/> | System5313 | SN83167844-00106 | SSD | | 85% used (1261 G... | High | | HW_STORAGE_DE... | Office1 | 10-02-2019 11:09 ... | ⋮ |
| <input type="checkbox"/> | System5078 | SN83167844-00111 | SSD | | 51% used (525 GB ... | High | | HW_STORAGE_DE... | 20QD +1 | 10-02-2019 11:09 ... | ⋮ |
| <input type="checkbox"/> | System3542 | SN83167844-00119 | HDD | | 63% used (111 GB ... | High | | HW_STORAGE_DE... | Microso... +1 | 10-02-2019 11:09 ... | ⋮ |
| <input type="checkbox"/> | System5399 | SN83167844-00122 | SSD | | 34% used (475 GB ... | Medium | | HW_STORAGE_DE... | Office1 | 10-02-2019 11:09 ... | ⋮ |
| <input type="checkbox"/> | System5077 | SN83167844-00126 | HDD | | 24% used (164 GB ... | High | | HW_STORAGE_DE... | Office2 | 10-02-2019 11:09 ... | ⋮ |
| <input type="checkbox"/> | System3849 | SN83167844-00137 | SSD | | 83% used (1401 G... | High | | HW_STORAGE_DE... | Office1 | 10-02-2019 11:09 ... | ⋮ |
| <input type="checkbox"/> | System4817 | SN83167844-00151 | SSD | | 30% used (527 GB ... | High | | HW_STORAGE_DE... | Microso... +1 | 10-02-2019 11:09 ... | ⋮ |

Lenovo Device Intelligence Plus



Helps reduce IT costs for excess hardware and software



Lenovo Device Intelligence Plus



Frees up IT
administrators'
hands

The screenshot displays the Lenovo Device Intelligence Plus interface. On the left is a dark sidebar with a navigation menu containing items like Dashboard, Issues & Notifications, UX Survey, Discover, Device L, App Visi, Device M, Users M, Support, Configur, and Help & F. The main content area shows a 'Current Issues' section with a description: 'BitLocker encryption is not configured to the highest security levels.' Below this, a 'Run Automation' dialog box is open. It features a search bar with 'bitloc' entered, a list of automation scripts including 'Service_Enable_Bitlocker' and 'Service_Restart_Bitlocker', and a detailed view for 'Service_Enable_Bitlocker'. This view includes a description, supported OS (Windows), parameters (a note that no parameters are assigned), and execution details showing 20 eligible systems and a 'Run Mode' dropdown set to 'Run Silently'. At the bottom of the dialog are buttons for '< Back to Tools', 'Run', and 'Cancel'.

Lenovo Device Intelligence Plus

How to try

**60days Free Trial
(with up to 300 devices)**

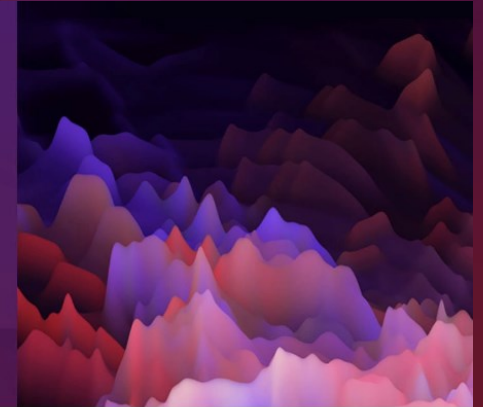
1. Reach your Lenovo sales manager
2. Organized Teams meeting and live demo
3. Customer's trial period for 60 days

Lenovo Device Intelligence Plus Managed Services

A more intelligent approach to digital experience monitoring

A purpose-built managed service
to save you time and money, without the
need to hire specialized personnel.

[Read brochure >](#)



Optimizing devices, wherever your workforce is

Digital workplace. Hybrid workplace. Transformed workplace.
Whatever label we put on it, keeping your device fleet optimized and
your internal customers happy and productive is a huge challenge!

Adding the adoption of new IT solutions, the use of remote personal
devices and the need to speed up digital transformation increases
the pressure on IT leaders, executives, and their teams.



The challenges of managing the fleet of a hybrid workforce



of global CIOs consider the
issue of supporting the
remote workforce extremely
or very challenging

Lenovo SSG, CIO Report
2022



of IT leaders find it extremely
or very challenging to
manage the fragmented
IT ecosystem

Lenovo SSG, CIO Report
2022



is the 5-year growth trend
for predictive managed
maintenance solutions

Global Predictive Maintenance
Market, Forecast 2021-2027

**Smarter
technology
for all**

Lenovo

thanks.