Smarter technology for all

Lenovo & AI
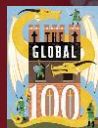## Na vlnách AI s M Computers a Lenovo
4.6.2024

Lenovo

A global technology leader

Research center
Manufacturing
Company location

71,000
Employees serving customers in 180+ countries

#217
2023 Fortune Global 500

7
Nationalities in leadership executive council

100%
Publicly traded

#1
PC Vendor in the world**

$1.2B
AI & IOT investment

#3
On Gartner Top Tech supply chain ranking*
#8 Top 25 global supply chain

38
Manufacturing facilities, 15 research centers and 71 offices globally

1 Lenovo
your brand for all your needs, from phone, PC to datacenter and beyond

#1
On TOP500 supercomputing & fastest growing HPC company

5
nationalities represented on Board of Directors

14
Owned manufacturing ISG facilities

Global Technology Leader

Your Partner for Scale

3
Devices built every second from device to data center

180
Countries served

48.6%
Server growth rate
Fastest growing server vendor per Gartner *

10+
Geo-bound MFG
Including Made in America and Made in North Carolina

23k
Channel Partners

20M+
Servers shipped

Performance Leaders

#1
Supercomputer provider in the world & fastest growing HPC company ***

TOP 500
The List.

#1
In Performance
With 241 world record benchmarks.

Reliable

93%
On-time Delivery
Higher Supply Chain TBR Ratings vs our competition

#1
In Reliability
leading x86 server vendor for 7 years running.

Secure
Protect your IT & OT from cyber security to physical security threats.

Information Technology Intelligence Consulting
ITIC

ThinkShield

* Market Share Alert: Server Shipments, Worldwide, 2Q18, August 2018
** Lenovo Attains Status as Largest Global Provider of TOP500 Supercomputers
*** Top500 HIGHLIGHTS - JUNE 2018

Lenovo AI

Delivering cognitive solutions - core to edge, cloud to enterprise.

Lenovo
AI Infrastructure

8
Platform Categories

60+
AI-Ready Platforms

High performance storage & compute DC & edge portfolio that scales with your demand

Lenovo
AI Discover
Center of Excellence

4
Global COEs

180+
Countries served

Find faster time to value by leveraging the Lenovo AI Center of Excellence.

Lenovo
AI Innovators
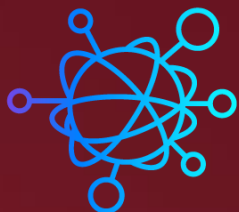Partner Ecosystem

50+
AI Solution Partners

150+
Enterprise AI Solutions

Leverage certified solution partners to confidently address customer requirements.

Delivering infrastructure to full stack solutions
Accelerating time to value while reducing complexity with our validated solution designs.
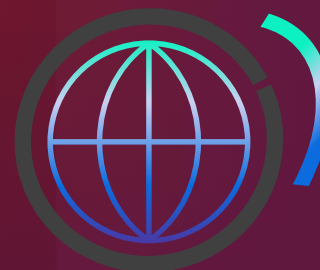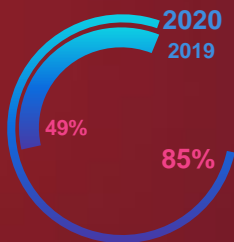
Trendy v AI: EMEA

Nárůst dat – co s nimi?

Zpracování dat na místě
Správné řízení a zpracování dat
Školení zaměstnanců

Kam se investuje?

GEN AI
AI v produkci a výrobě

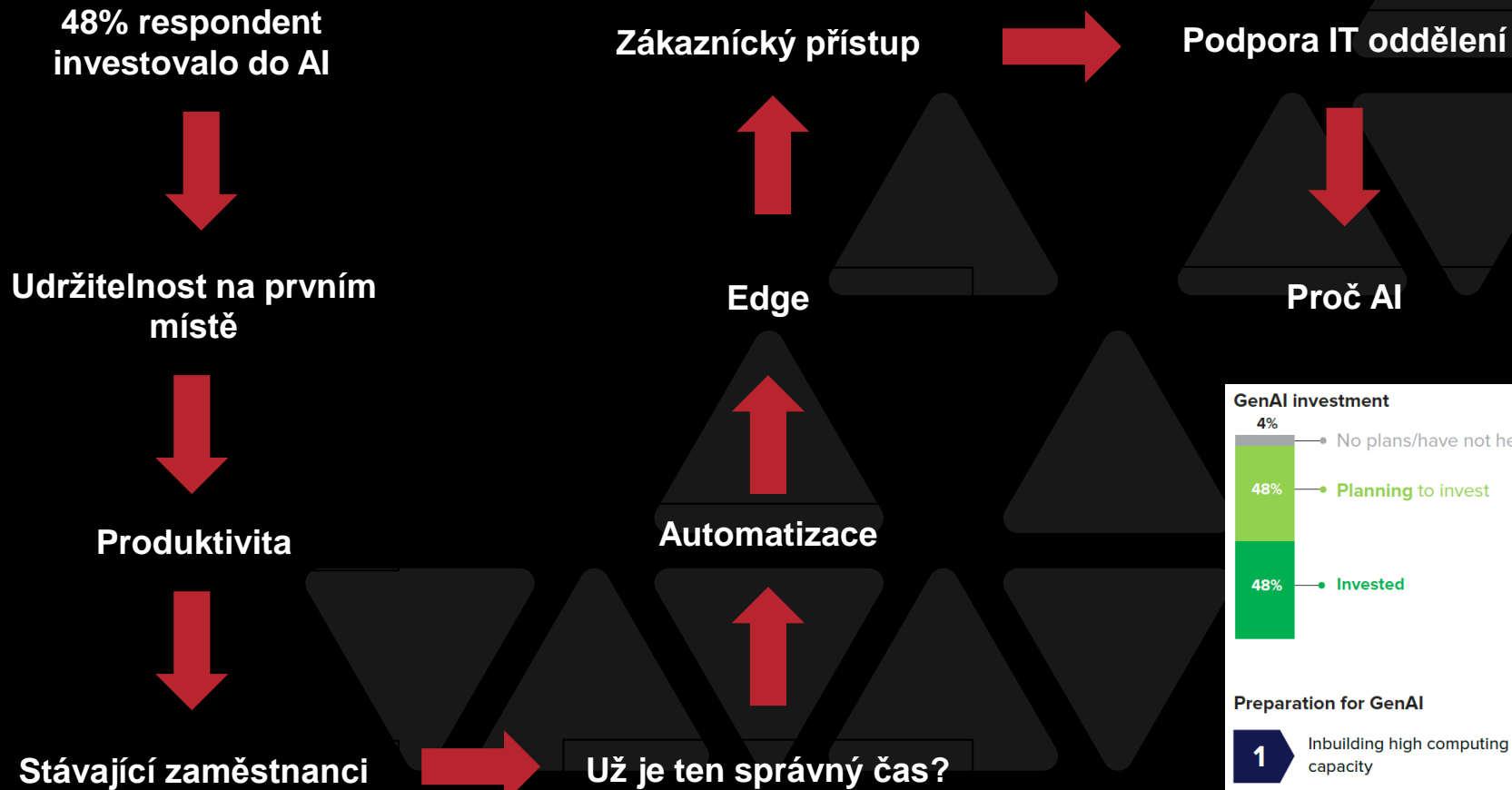**Enterprise AI Adopce**

2020
2019
49%
85%

61% nárůst investic do AI oproti roku 2023
65% telco společností již investovalo do AI
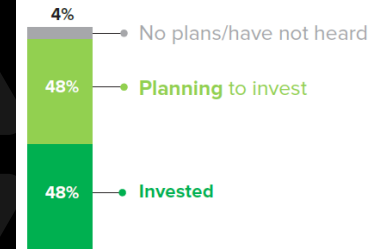
Maximalizovat zákaznický přístup

Limitem jsou nejčastěji regulace.

AI v České a Slovenské republice

48% respondent investovalo do AI

Udržitelnost na prvním místě

Produktivita

Stávající zaměstnanci

Zákaznícký přístup

Edge

Automatizace

Už je ten správný čas?

Podpora IT oddělení

Proč AI

GenAI investment

- 4% — No plans/have not heard
- 48% — **Planning** to invest
- 48% — Invested

GenAI types of interest

1. Productivity (personal, developer (code generation) and data analysts)
2. Business intelligence (by finding patterns, surfacing insights and making ad hoc queries easier)
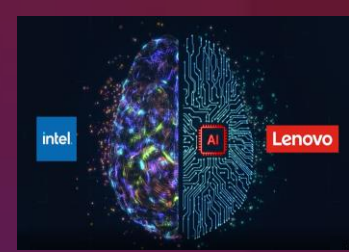3. Customer interaction management

Preparation for GenAI

1. Inbuilding high computing capacity
2. Networking infrastructure
3. Storage capacity

Top challenges when adopting GenAI

1. Model capability limitations (in terms of training data required, token limit)
2. Reliable data platform
3. Monitoring for potential misuse & AI hallucinations

Referenční architektury a příklady použití

Sagrada Família

Proven AI expertise
With a global army of AI-Lenovo experts who enable enterprises wherever they are along their AI implementation journey.

Superior reliability
With ruggedized AI-ready Lenovo ThinkEdge computing servers designed to outperform even in harsh conditions.

Best-in-class performance
With revolutionary AI-Lenovo ready servers and storage solutions powered by the latest Intel® Xeon® processors.

Effortless scalability
With Lenovo TruScale, pay-as-you-go AI solutions for enterprises of all sizes.

Enhancing the safety of air travel with AI-powered defenses against birdstrikes.

As urbanization pushes wildlife ever closer to airports, the threats to commercial air traffic are significant—but existing approaches to bird deterrence rely on manual processes with limited effectiveness. To help it rapidly deploy its automated anti-birdstrike solution, **The Edge Company** used Lenovo AI ThinkSystem SR650 servers with NVIDIA® Quadro RTX 4000 GPUs to create a high-performance appliance—enabling airports around the world to protect their airspace cost-effectively while ensuring the highest level of safety for the traveling public.

| Lenovo Infrastructure Solutions for The Data-Centered

Automotive

Excelling on and off the racetrack

Ducati Corse

The formula for record-breaking, championship-winning success: combining visionary leadership, world-class sporting talent, and engineering innovation powered by Lenovo Edge, AI, and HPC solutions.

Lenovo StoryHub » Sensormatic Solutions leads a whole new retail experience, backed by Lenovo edge computing and Intel AI solutions

Sensormatic Solutions leads a whole new retail experience, backed by Lenovo edge computing and Intel AI solutions

20 June 2023   Read in: **English** Portuguese

Computer vision is transforming the way retailers understand people's in-store shopping

thanks.