

Breakout Track 1
AI-Ready Data Centers

How AI is powering the data center Revolution

Mark Maslanka
Managing Director, Cloud & AI Infrastructure
Cisco

AI AGENTS



AI APPS



ROBOTICS



HUMANOIDS



Industry challenges

Surge in AI

Unimaginable opportunity, unprecedented threats

Evolving risks

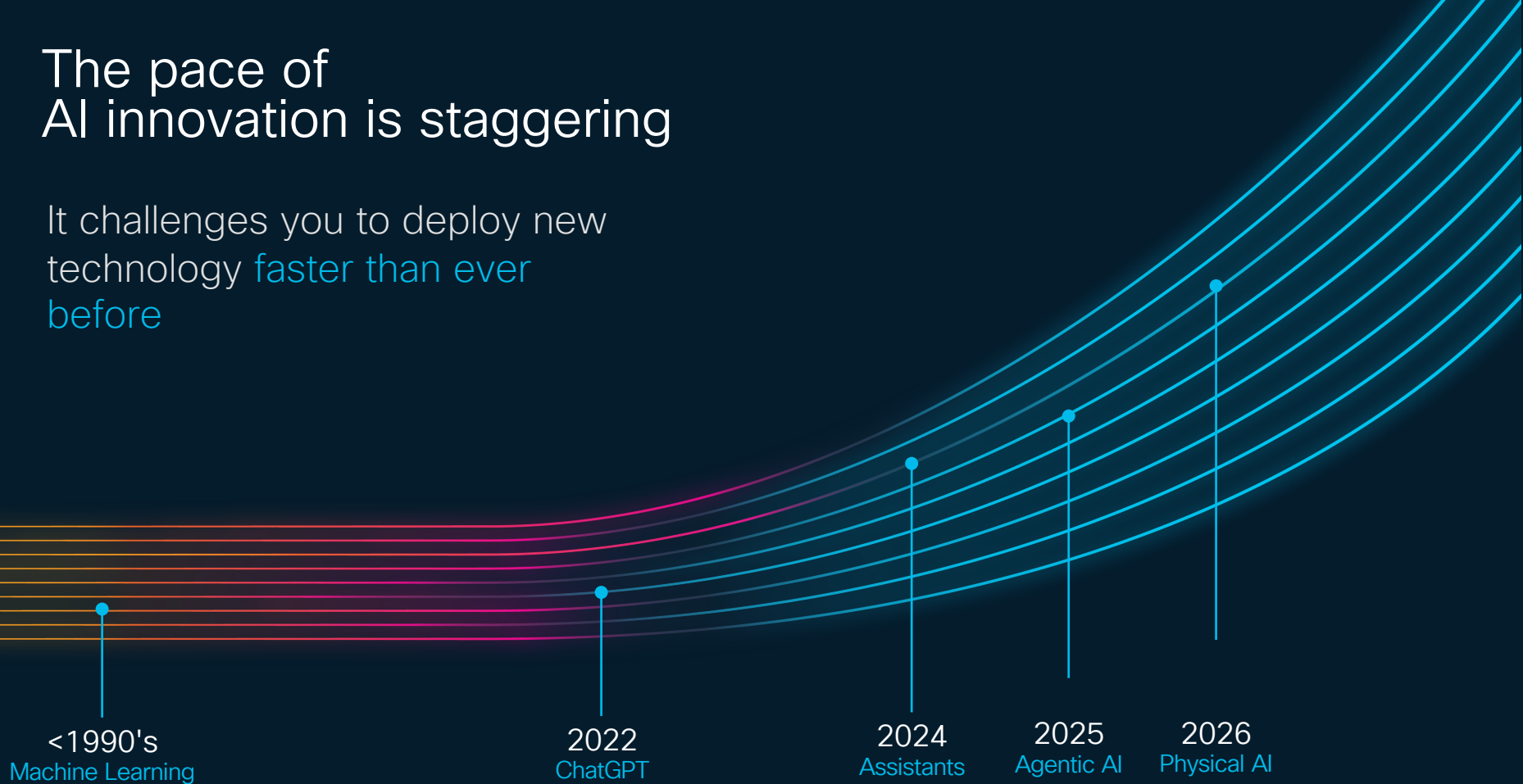
Complex, distributed environments, new vulnerabilities

Modernization

Application, infrastructure and operational models

The pace of AI innovation is staggering

It challenges you to deploy new
technology **faster than ever**
before



The pace of AI innovation is staggering

97%

of companies say the urgency to deploy AI-powered technologies has increased..

only
14%
of the 97% feel they are AI-ready

<1990's
Machine Learning

2022
ChatGPT

2024
Assistants

2025
Agentic AI

2026
Physical AI

Particularly in the UK & Ireland...

AI could add €250bn to Irish economy, but strategy issues persist

Europe must become 'true AI continent', says EU tech sovereignty commissioner

UK firms have 'alarming gaps' in cybersecurity readiness

A new report warns the vast majority of UK organisations are not adequately prepared to deal with modern cyber attacks.

Sovereign AI



Technology Independence

Reducing critical infrastructure
dependency



Regulatory Compliance

Meeting local data sovereignty
requirements



Complete Control

Autonomy across the full AI
lifecycle




Customer priorities

Modern infrastructure

Cybersecurity

AI and data

Connecting people,
places, apps, data,
and things



We securely
connect
everything to
make anything
possible

Protecting against
threats, downtime,
and risk

Cisco is leading
architectural
shifts in the
market

Inference-led repatriation

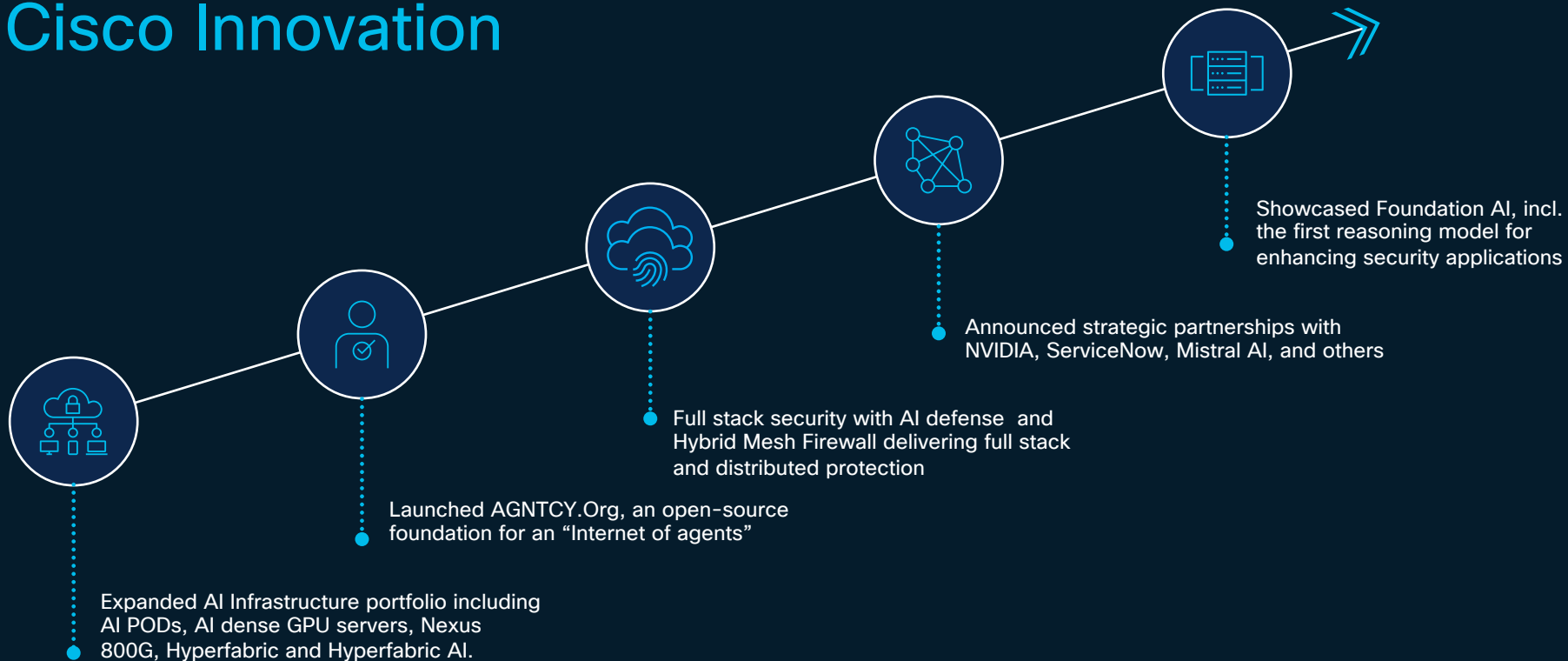
AI is network bound

Common security posture for Models

Hyper-distributed security

Customer choice in silicon

12 months of unprecedented Cisco Innovation



One Cisco portfolio delivers customer outcomes



AI-Ready Data Centers



Future-Proofed Workplaces

← Secure Global Connectivity →



Digital Resilience



Accelerated by Cisco AI



AI Ready Data Center



Infrastructure powering AI and Enterprise apps



Security from infrastructure to AI



Data and Insights



AI-native products



Cisco CX and Partner Services



Executing our strategy

Build

50%+

Of R&D invested
in cloud, AI, and
cybersecurity

Buy

240+

Acquisitions and
investments over the
past 10 years

Partner

Ecosystem

Strategic, technology,
regulatory, commercial,
and GTM partnerships



Bringing Secure AI to the Enterprise.

“

You walk into these data centers—it's just racks and racks of technology. **The enterprise opportunity is going to dwarf what we've done in the cloud.**

— Chuck Robbins



“

You can't partner with a company with more might and more domain expertise.

— Jensen Huang

Cisco and NVIDIA expand partnership to accelerate AI adoption in the enterprise

Partnership focus

Private
data centers

Backend
AI networks

Full-stack AI
infrastructures

Cisco's switching/control plane/security
and infrastructure stack

How are we partnering?



Cisco will be part of NVIDIA's
Enterprise Reference Architecture



Cisco will be part of NVIDIA's
Cloud Partner Reference Architecture



Deliver AI Factory with
customer choice: Cisco Silicon One®
or NVIDIA Spectrum-X Silicon



*roadmap

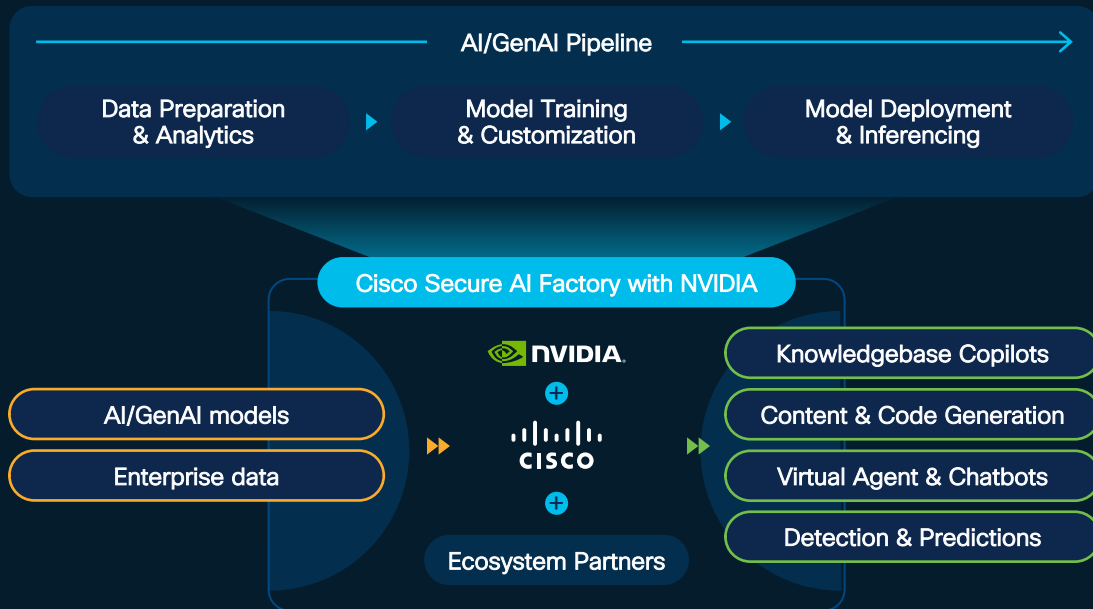
Cisco Secure AI Factory with NVIDIA

Accelerate the AI adoption for enterprises with an integrated AI infrastructure and software solution from Cisco, NVIDIA, and our strategic partners

Security-first architecture

High-performance, enterprise-proven networking, compute, storage, and AI software

Pre-validated, with flexible deployment options: Vertically integrated or modular system





Only Cisco unifies **networking**, **compute**, **security** and **observability** to deliver the AI-ready data centres

Stay Connected



Thank you

CISCO *Connect*

GO BEYOND

#CiscoConnect