

Modernizing Cisco's Data Center for Al

CENCOM-1025

cisco live!



Modernizing Cisco's Data Center for Al

Danny McGinniss VP, Product Management, Compute BU CENCOM-1025

cisco ivel

We all know that AI is **disrupting** the market

cisco ivel

The pace of Al innovation is staggering

Al challenges you to deploy new technology **faster than ever before.**

1990s Machine Learning

2022 ChatGPT

2024 Agents/Assistants 2026

cisco ile

Why is AI so complex in business?

You are redesigning the car and the road at the same time

So, we have to rethink everything

Security Sustainability Performance Demands Power Constraints Investment Cooling Dilemma | Space Efficiency | Network Implications | Ecosystem

CISCO

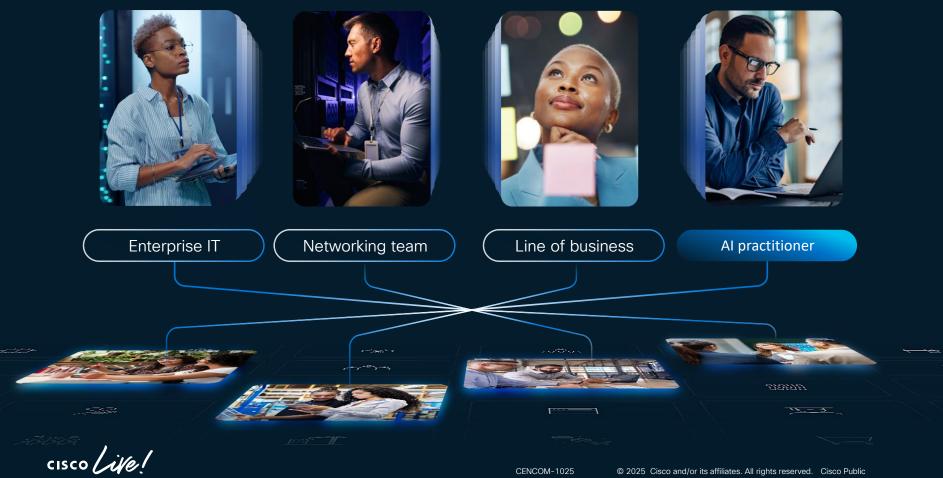
CENCOM-1025 © 2025 Cisco and/or its affiliates. All rights reserved. Cisco Public

Every organization's AI approach and needs are different

BUILD THE MODEL Training OPTIMIZE THE MODEL Fine-tuning and RAG USE THE MODEL Inferencing



cisco ive!





cisco live!



Benefits of Unified AI Infrastructure







cisco ivel

01

Learning

Internal/external research DevNet Training VODs and classes Procured Lab Test Devices Partnerships

Building Cisco's Al infrastructure is an iterative cycle

0 2

Planning

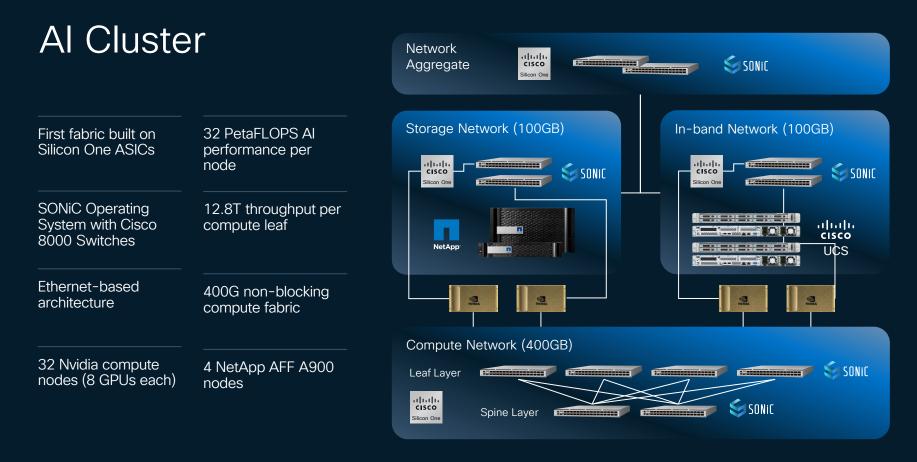
Cost justification Engagement with leadership Architecture design Ordering

03

Implementing & Using

Physical build Testing & verification Allocation of GPUs Use case development

cisco ile



cisco ivel

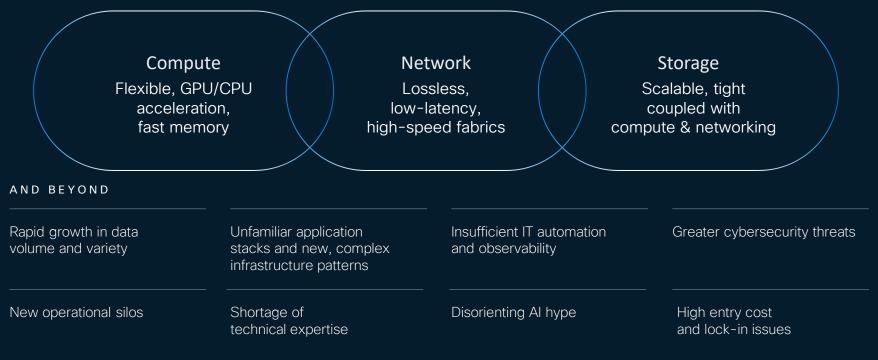
Our journey with AI for Human Resources





The challenges we faced

INFRASTRUCTURE DEMANDS



cisco ivel

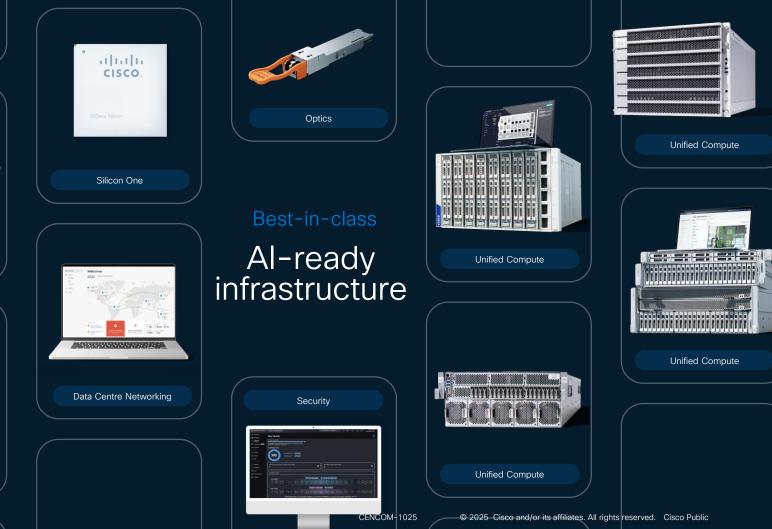
What we learned along the way



cisco / ille,

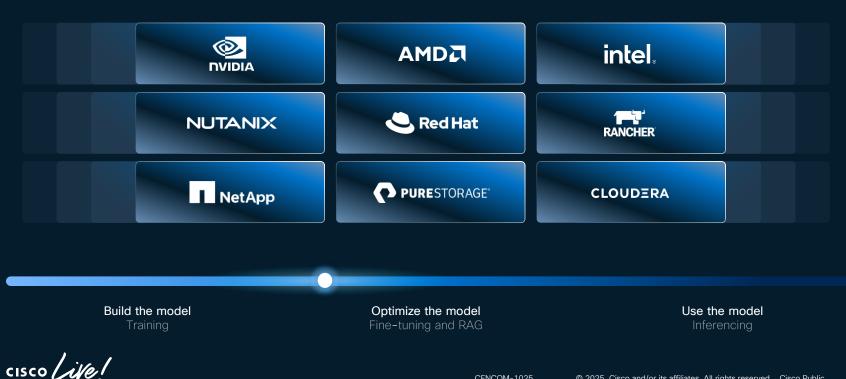


cisco/



Fully Validated and Tested Designs

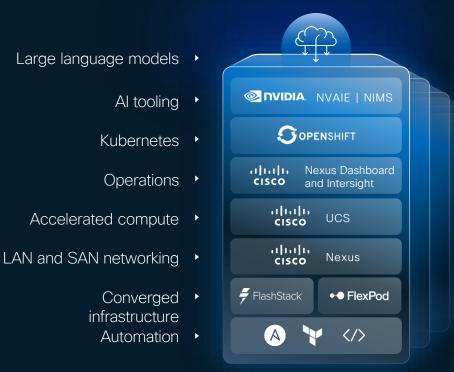
There's a simpler path to deploying and automating your Al infrastructure



CENCOM-1025 © 2025 Cisco and/or its affiliates. All rights reserved. Cisco Public

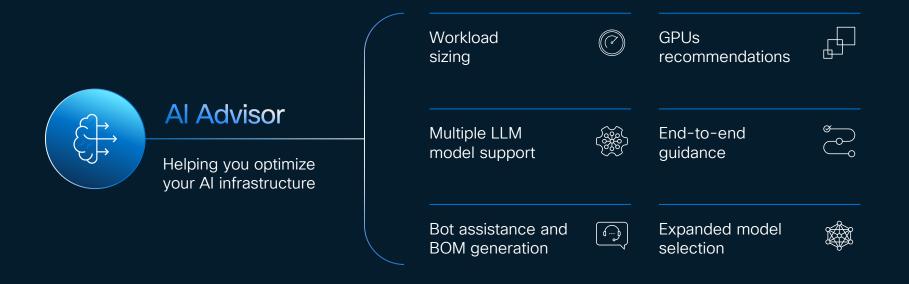
Cisco Al PODs

There's a better way to purchase infrastructure for your Al use cases



CISCO / ille

As your needs become more specific so do our recommendations



cisco live!









Al-native Products



Al Infrastructure



Services

Only Cisco unifies networking, compute, security, and observability to deliver Al-ready data centers.



How to take action

Define your desired outcomes and use cases

Prioritize based on impact

Align your workforce to your AI priorities

2

Identify your infrastructure needs

Scan to use the Al Readiness Assessment



3

Make informed decisions about strategic investments

Leverage Cisco certifications and validated designs



cisco / ille



Thank you

cisco Live!

Fill Out Your Session Surveys



Participants who fill out a minimum of 4 session surveys and the overall event survey will get a unique Cisco Live t-shirt.

(from 11:30 on Thursday, while supplies last)

All surveys can be taken in the Cisco Events mobile app or by logging in to the Session Catalog and clicking the 'Participant Dashboard'





Continue your education

- Visit the Cisco Showcase
 for related demos
- Book your one-on-one Meet the Engineer meeting
- Attend the interactive education with DevNet, Capture the Flag, and Walk-in Labs
- Visit the On-Demand Library for more sessions at <u>ciscolive.com/on-demand</u>.
 Sessions from this event will be available from March 3.



GO BEYOND