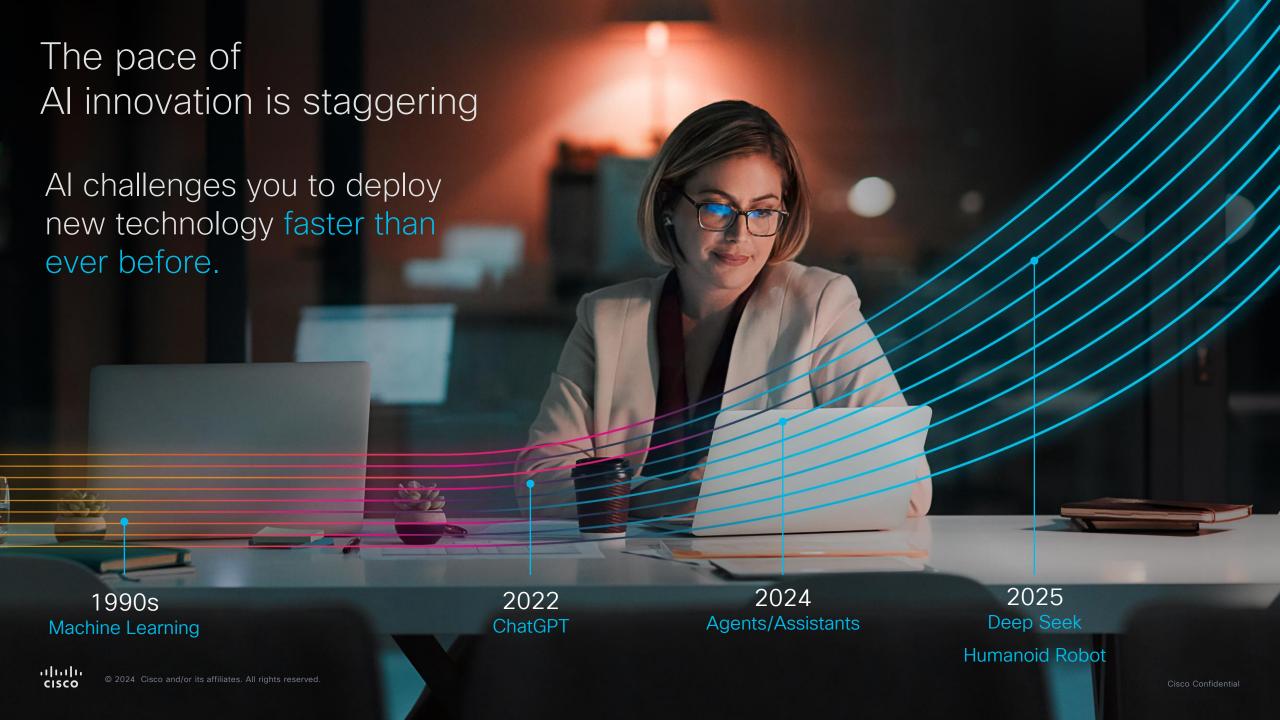


Al-Ready Data Centers

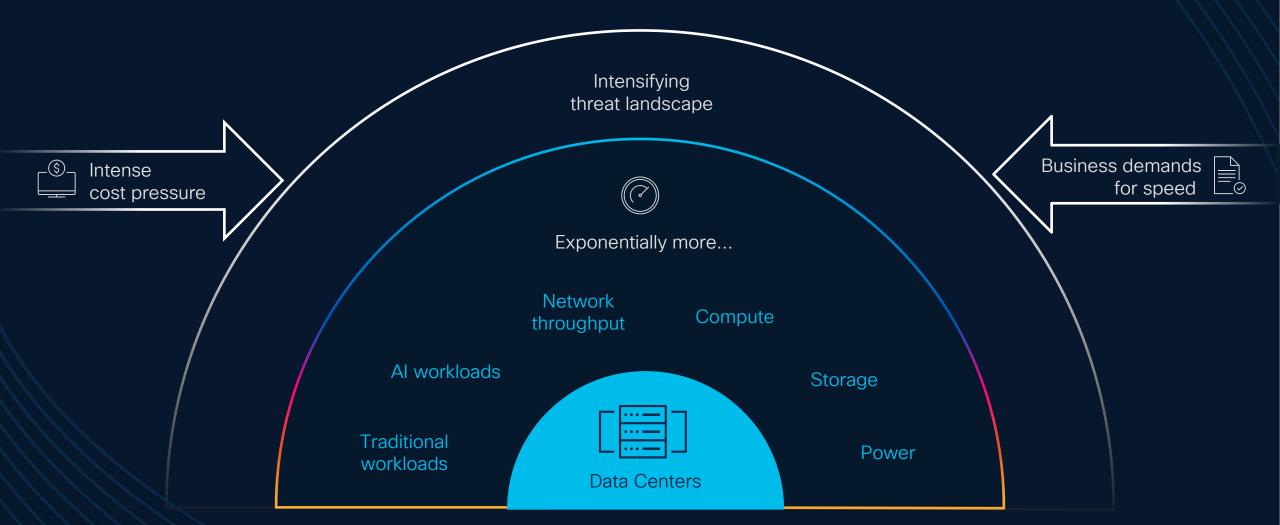
Transform data centers to power AI workloads anywhere

James Jiang, Cisco Principal System Engineer



We need to reimagine the data center for the Al era

While managing cost pressures, intensifying threats, and business demands





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Everything you need for an Al-ready data center



Comprehensive infrastructure

Power Al with networking, compute, and storage in fully-integrated, scalable, and modular systems for all workloads

Seamless operations and observability

Remove silos with unified management, observability, and assurance for traditional and Al workloads, across all environments

Security from ground to cloud

Protect hyper-distributed workloads by infusing security everywhere

Data center networking and connectivity that deliver world-class performance

Cover all networking and connectivity needs with one provider, while maintaining flexibility

Gain breakthrough switching performance with Silicon One

Improve space utilization, energy, and cost efficiency





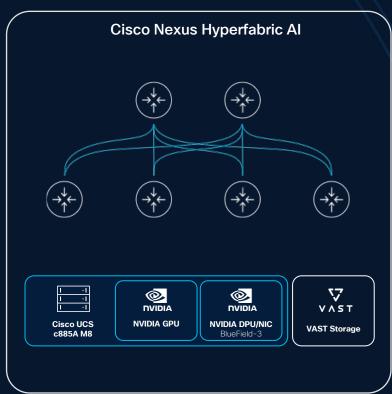
Full stack systems to accelerate time to value

Use fully integrated, modular, and scalable stacks for Al workloads

Realize fast, reliable deployments based on validated Al infrastructure

Gain unmatched performance wherever Al lives





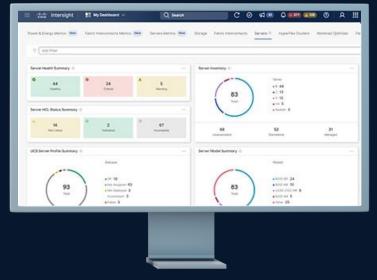
Seamless operations across environments

Leverage existing tools, skills, and operational models for traditional and Al workloads

Manage all compute resources centrally with Intersight

Operate your data center networks from one place with Nexus Dashboard

Intersight



Data Center and Edge Compute

Nexus Dashboard



Data Center Networking

Visibility and insights everywhere to drive digital resilience





Public cloud ———













Changing the fundamentals of data center security

Visibility Zone firewalling Segmentation Exploit protection

Cisco Security Cloud Control











Secure Firewall

Secure Workload

Isovalent

Hypershield

Switch / Server DPUs

Security infused into the network with distributed enforcement points everywhere









Infrastructure to power Al



Services to accelerate the value of Al

Security for Al, Al for security



Data to drive insights and context

Only Cisco brings together networking, compute, security, and observability to power Al-ready data centers



Software to unlock productivity

