

11:10–11:30 | Defining the Future of Connectivity:
AI, Automation & Secure Networks



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A group of diverse people are shown from the waist up, their hands stacked together in a circle. The hands belong to individuals of various skin tones, including white, black, and tan. They are wearing casual clothing like t-shirts and hoodies. The background is a bright, slightly blurred indoor setting.

Welcome!



Built for the AI Era

AI Transforming Business Networks

Innovative Network Solutions

Future of Connectivity



Infrastructure Landscape

Data Center Growth

Market CAGR

Growing demand for power
and water



Market Forces: Why Speed Matters

Exponential AI Workload Growth

Bandwidth & Latency Demands

Infrastructure Investments



Addressing Customer Pain Points

Latency & Compute Waste

Bandwidth Bottlenecks

Security Complexity

Network Agility Gaps

A photograph of two men in a modern office environment. One man, wearing a dark suit and white shirt, holds a white tablet and looks at it while the other man, in a dark shirt and tie, gestures with his hands as if explaining something. In the background, other office workers are visible through a glass partition.

Enterprise Needs

High-Capacity Optical Connectivity

Programmable Intent -Based Networks

Embedded Scalable Security

Cloud-Native & AI-Ready Core

AI-Ready Network: The Backbone for an AI-First World

High-Speed & Scalable Network

Cloud-Native & Automated Core

Programmable Interfaces & APIs

Nationwide Lit Facilities



Industry Response & Trends

Growing Demand: Fiber & Data Centers

- 200M fiber miles by 2030!
- Data center capacity 15% CAGR

Leadership & Strategic Partnerships



Security Embedded

**Embedded Security
Importance**

Zero Trust & Compliance

**Certified SASE & Quantum-
Safe Networking**



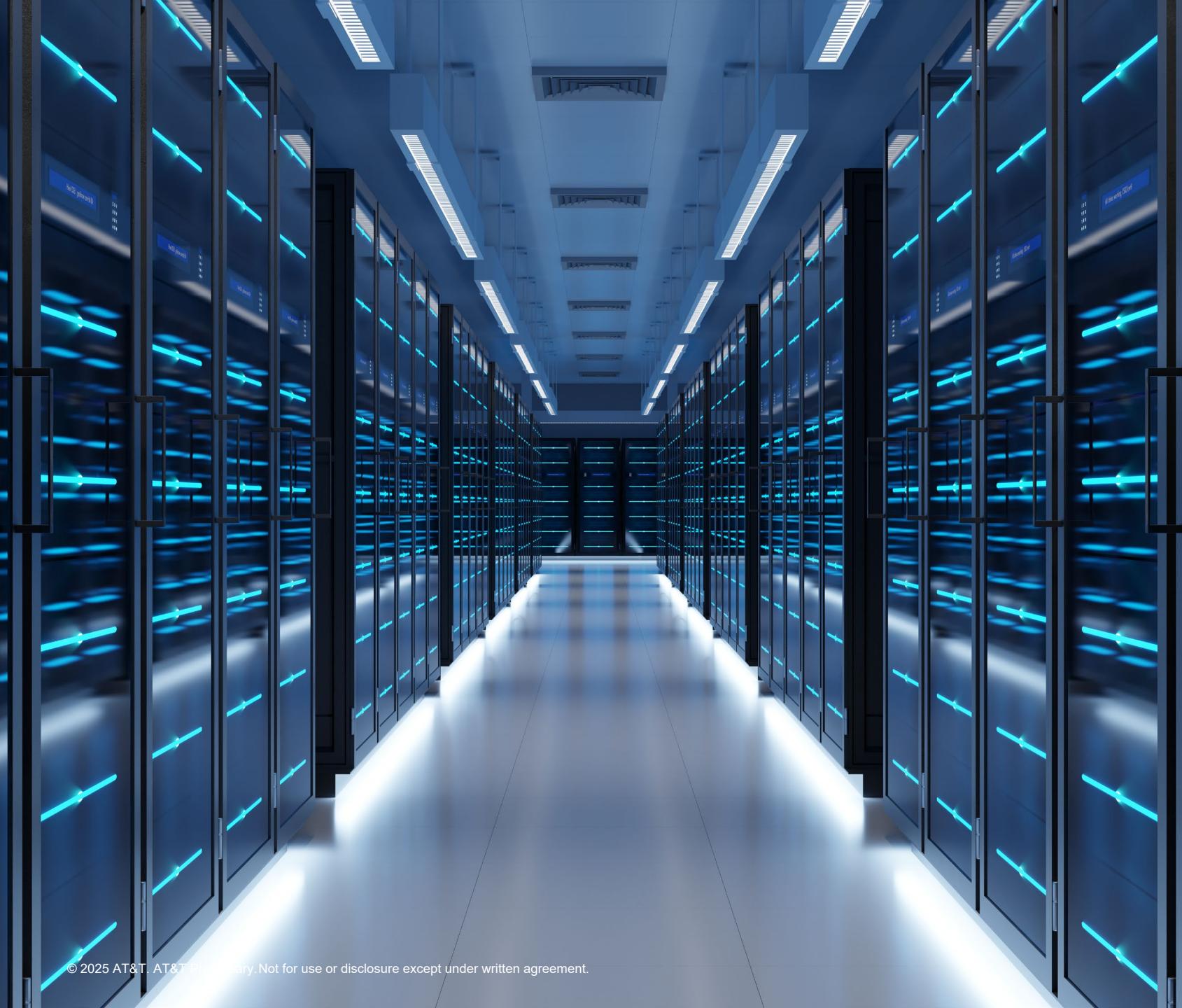
NaaS & Federation for AI

Automated Supply Chains

Federated Multi -Operator Ecosystems

AI-Ready Network Capabilities

Programmability & Telemetry



In Closing

Advanced Network
Technology

Industry
Collaboration

Programmable &
Scalable Future



Global NaaS Event