

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



JULIE KUTCHINSKI

Vice President, Wireline Connectivity
– Product & Pricing



A top-down view of a group of people's hands stacked in a circle, creating a sense of unity and teamwork. The hands are of various skin tones, and the sleeves of their clothing are visible, showing a mix of colors like white, grey, and blue. The word "Welcome!" is centered over the hands in a white, bold, sans-serif font.

Welcome!

An aerial night view of a city skyline, likely New York City, with numerous skyscrapers illuminated. Overlaid on the city are glowing yellow and white lines that form a complex network, representing data connections and network infrastructure. The lines curve and intersect, creating a sense of dynamic connectivity.

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

A man with a beard, wearing a light blue button-down shirt and dark trousers, is standing in a server room. He is holding a silver laptop and looking at the screen. The server room has rows of black server racks with various cables (yellow, green, blue) plugged into them. The lighting is dim, with some blue light from the server racks.

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 setting. The man on the left is wearing a dark suit and is holding a tablet. The man on the right is wearing a dark shirt and light-colored trousers, gesturing with his hands while looking at the tablet. In the background, other office workers are visible, and the office has large windows and modern furniture.

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

