

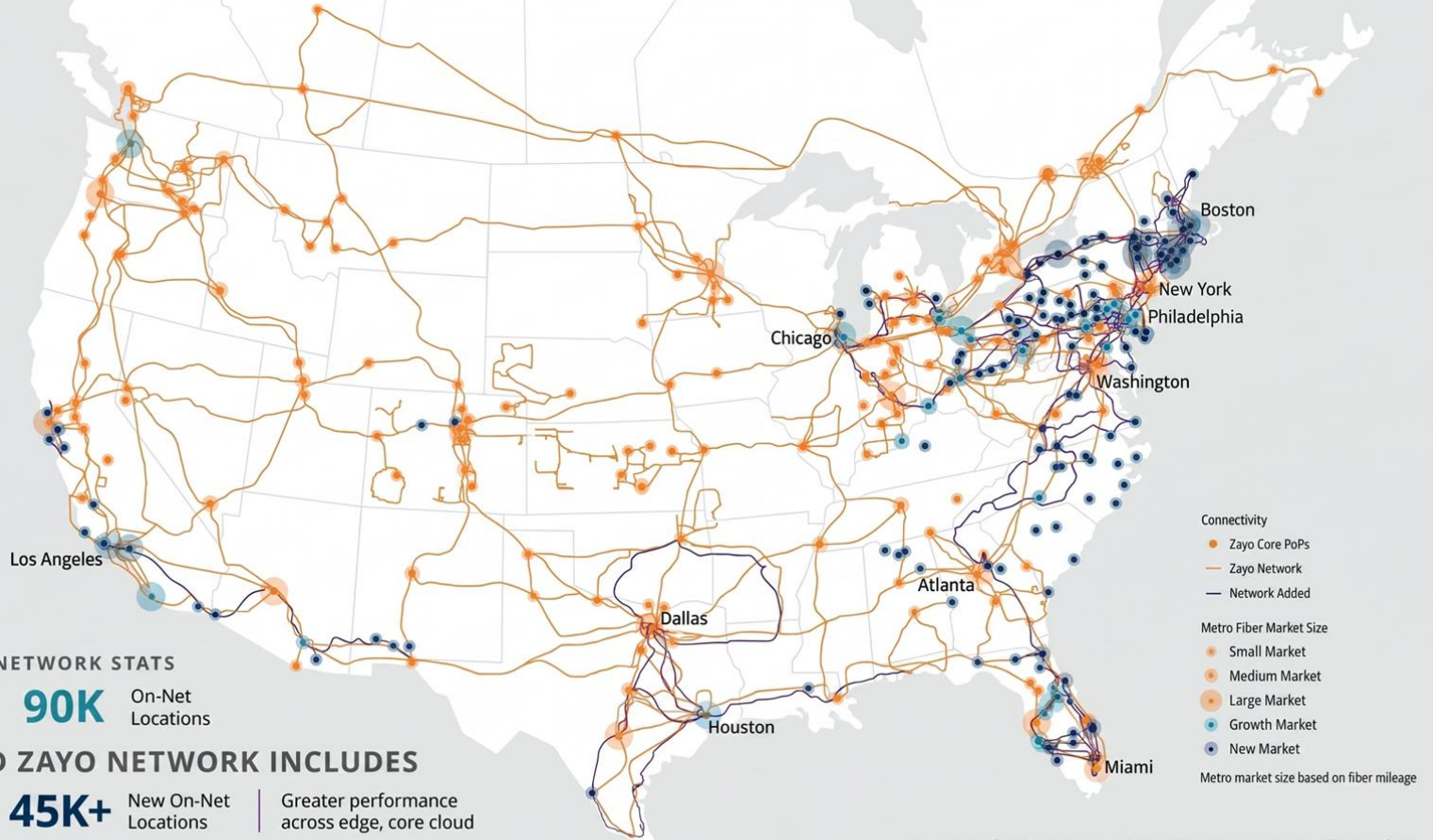


Zayo Overview

Kentucky Information Technology Oversight Committee

June 10, 2026

Zayo's New North American Network



NORTH AMERICAN NETWORK STATS

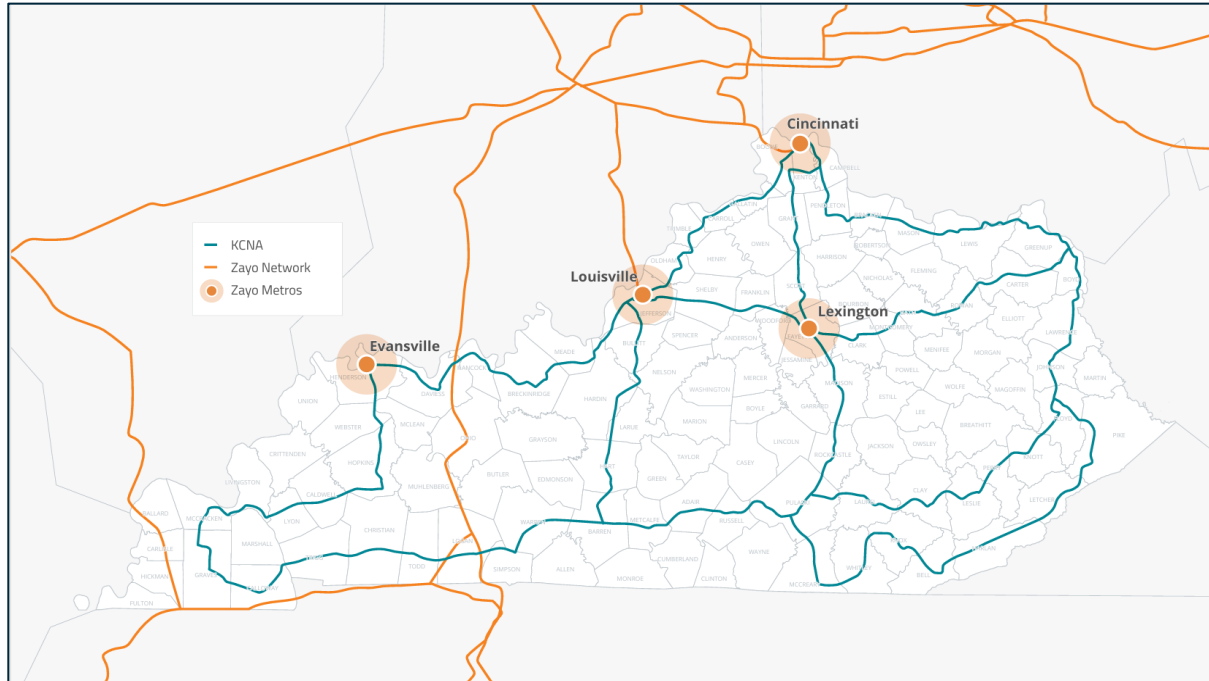
32M Fiber Miles | **90K** On-Net Locations

THE EXPANDED ZAYO NETWORK INCLUDES

13M New Fiber Miles | **45K+** New On-Net Locations | Greater performance across edge, core cloud

Representative of Zayo and Crown Castle's combined network power - subject to change

Zayo-Owned or Utilized Network Assets in/near KY



- **Kentucky Wired**

Zayo Education provides Internet, data transport, and cybersecurity services to all KY school districts

NGKIH is the primary network we use to provide services to KDE and school districts

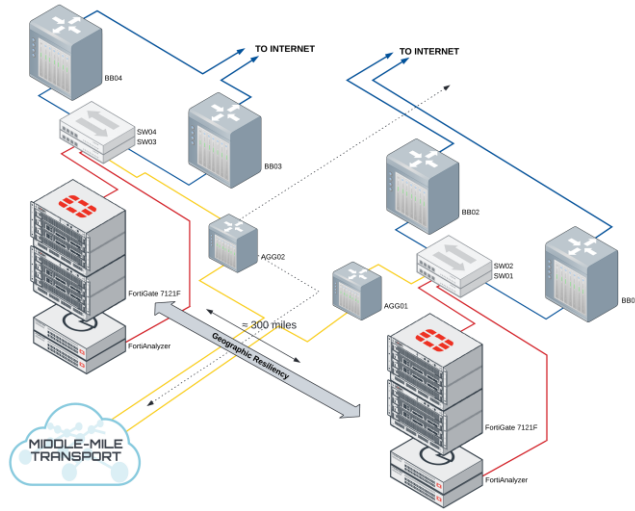
- **Zayo Scale**

Zayo's long-haul network traverses the commonwealth, primarily in west KY

Zayo has metro fiber assets in KY's two largest cities as well as nearby metropolitan areas.

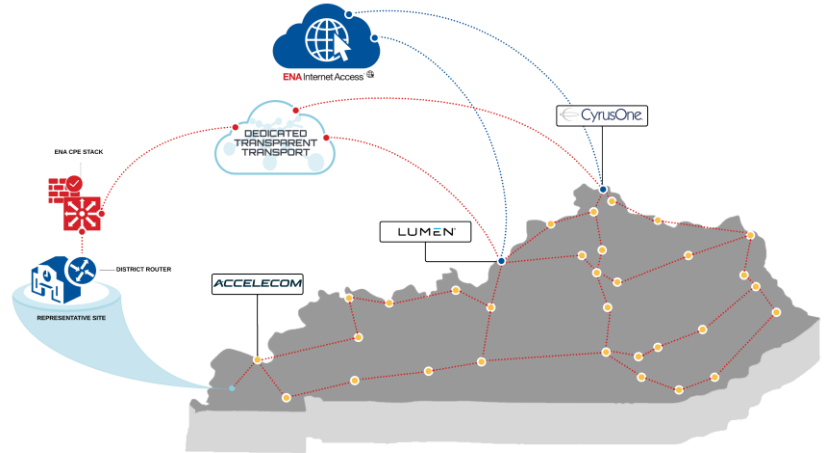
We interconnect with Accelecom/NGKIH in two primary locations, but other interconnections are possible.

Zayo Education Services for KDE



- 400 Gbps total Internet Access available to KDE and KY school districts
- Carrier-grade, redundant, and advanced cybersecurity services provided to all KY school districts as part of service
- Integration with largest open-access fiber optic network in North America

- Dedicated optical connectivity to each district
- Districts not reachable via KY Wired are integrated via other 3rd parties
- All districts receive the same overall service no matter how connected



Value of a True Open Access Fiber Optic Network

Open-Access Network

Shared network foundation for providers and public partners.

Monetizes not just network connectivity (Internet Access and Ethernet), but dark fiber, transport, and optical waves services.

Avoids duplicative infrastructure buildout.

Commonwealth Value

Unlocks more value from Kentucky's digital infrastructure.

Strengthens competition, investment, and statewide resiliency.

Creates a platform for economic development.

Services Enabled

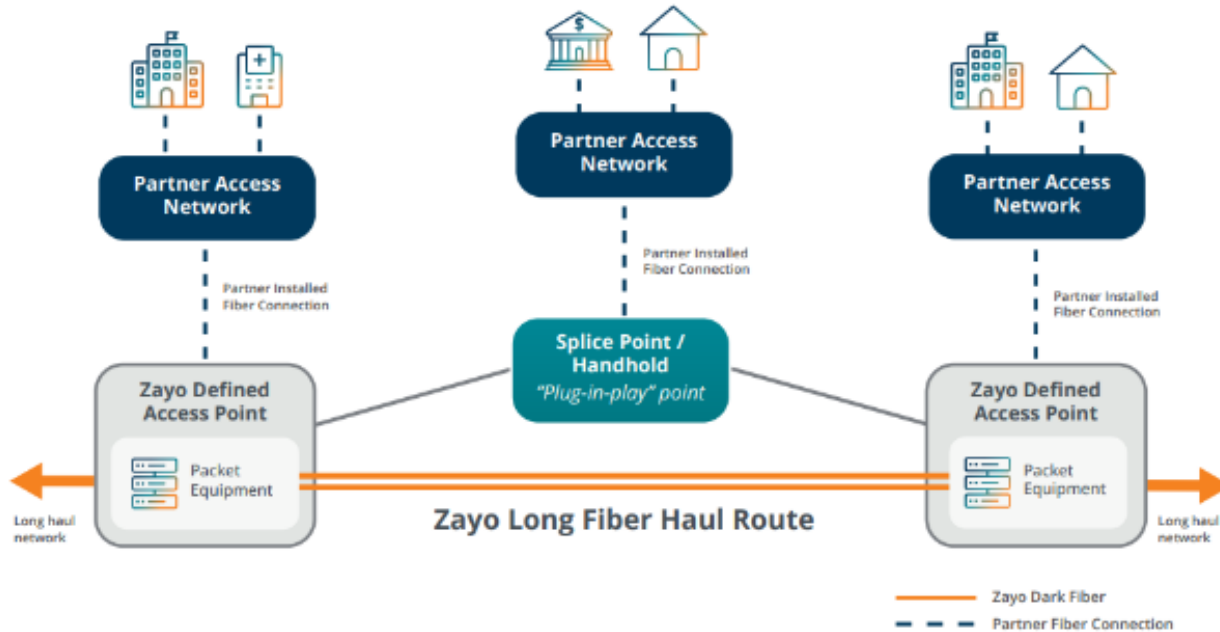
Supports the full services stack: dark fiber, optical transport, network connectivity services, including cybersecurity.

Sold in standard increments and market-competitive pricing structure

- Wavelengths 1, 10, 100, 400G increments
- Fiber pairs with 20 year contract structure

Middle Mile Digital Expansion Access Network (DEAN)

DEAN leverages packet and wave equipment deployed at ILA sites to create a resilient lit transport layer along the fiber route. The architecture incorporates multiple interconnection points—including ILAs, splice points, and handholes—providing partners with flexible, cost-effective access to Zayo's middle-mile network.



State Of Nevada & Zayo – Case Study

Nevada Governor's Office of Science and Technology, Nevada Department of Transportation (NDOT) & Nevada System of Higher Education (NSHE) chose Zayo as the single private-sector middle mile fiber construction partner

Challenges

State of Nevada **needed a partner** to build long haul dark fiber to support the expansion of last-mile services to underserved communities.

State of Nevada **chose Zayo because of our approach** to building middle mile infrastructure as a whole.

Solution

Zayo will offer layer 0-4 network services

Supports the expansion of last mile services to critical anchor institutions*

Zayo collaborated with State Broadband directors to determine optimal access points and recommendations for local ISPs

Results

Zayo bridged the gap between customer's increase in costs and reduced budgets by providing an efficient solution design.

This network will provide leased dark and lit fiber solutions to state facilities, ensuring connectivity for the next 40 years.



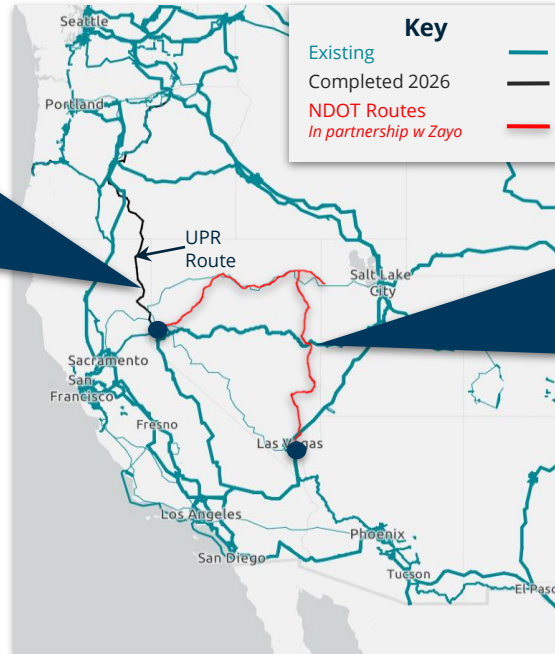
Connecting Nevada

Zayo is leading Nevada's network expansion with the first NTIA-backed route between Umatilla & Reno, and further expanding in partnership with the state

UPR Route

NTIA-funded UPR route for Nevada and bridging the digital divide

- Provides a middle mile fiber network (645 miles) to serve rural areas across OR, CA and NV.
- 23 access points to provide ready access points to local ISP partners
- Enables more than 20,000 households, 10 unserved communities, 143 community anchor institutions, and 1 tribal area with quality broadband.



NDOT Route

Zayo will design, build, operate and maintain this new route with exclusive commercialization rights. The route will bring scalable infrastructure on I-80 and unique route on US-93

- Enables Zayo to complete the only diverse, underground path for all core west coast connectivity
- Reduces latency to 13.5ms (New Route) and 11.3ms (New Hybrid Route)

Security and Open Access ILAs

Secure, carrier-neutral ILAs are a critical component of any open access fiber optic network

1. Why ILA locations matter

ILA locations are shared access points where multiple carriers/third parties depend on common infrastructure.

Controls should focus on entry, equipment changes, and continuity at ILA sites—not routine handhole or vault work.

2. ILA security model

- **Control Access**
Smart locking systems, monitored entry with onsite cameras, and audit trails at ILA sites.
- **Protect shared equipment**
Secure cabinets, power, and cross-connect areas around ILA infrastructure.
- **Preserve continuity**
Satellite backup connectivity keeps critical ILA sites available.

3. ILA progress to date

APRIL 2026

2,586

ILA locations with access + security solutions

Backup satellite

connectivity at critical ILA network sites

BOTTOM LINE

Security makes carrier-neutral ILA access operationally safe and ensures equitable and open access to all parties using common network elements.

Thank you