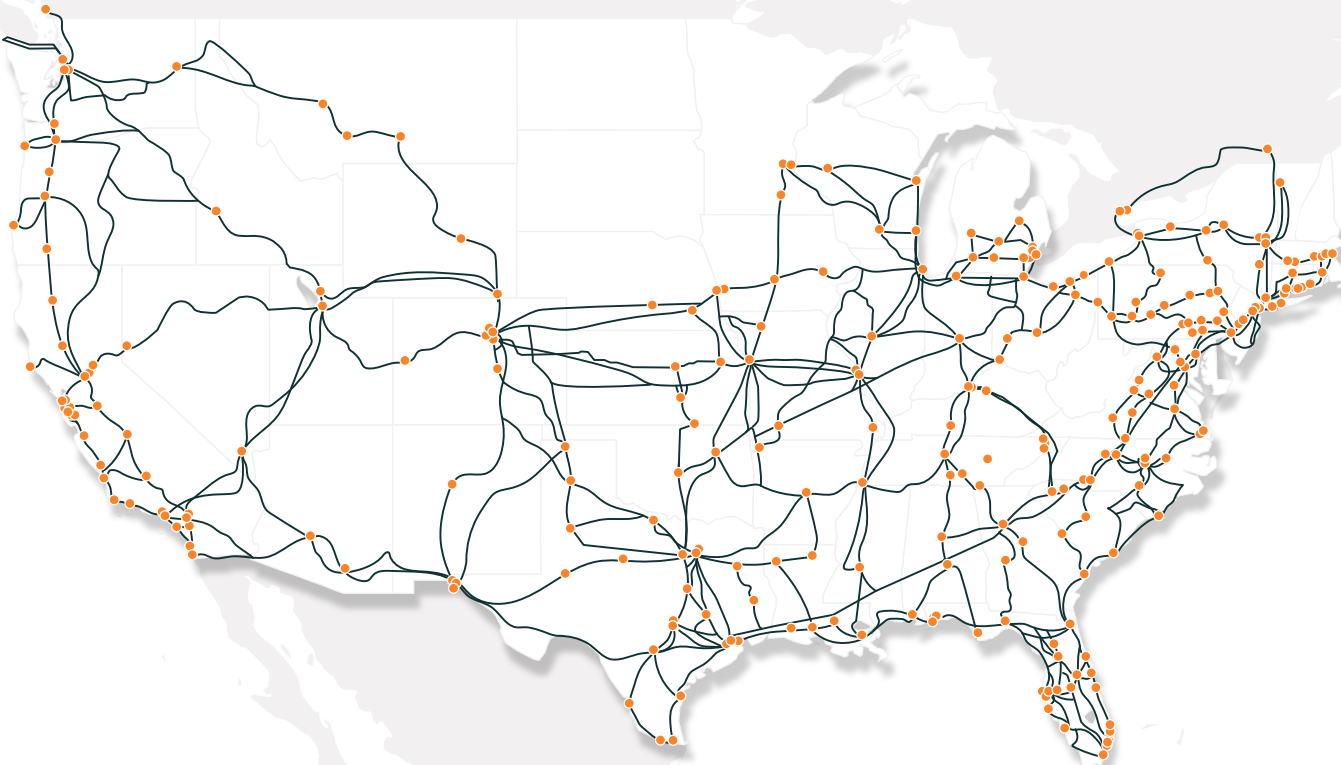


LUMEN<sup>®</sup>

# Global Network Capabilities

The Trusted Network for AI





**Largest  
ultra-low-loss**

intercity fiber network in  
North America

**340,000+**  
**wavelength**

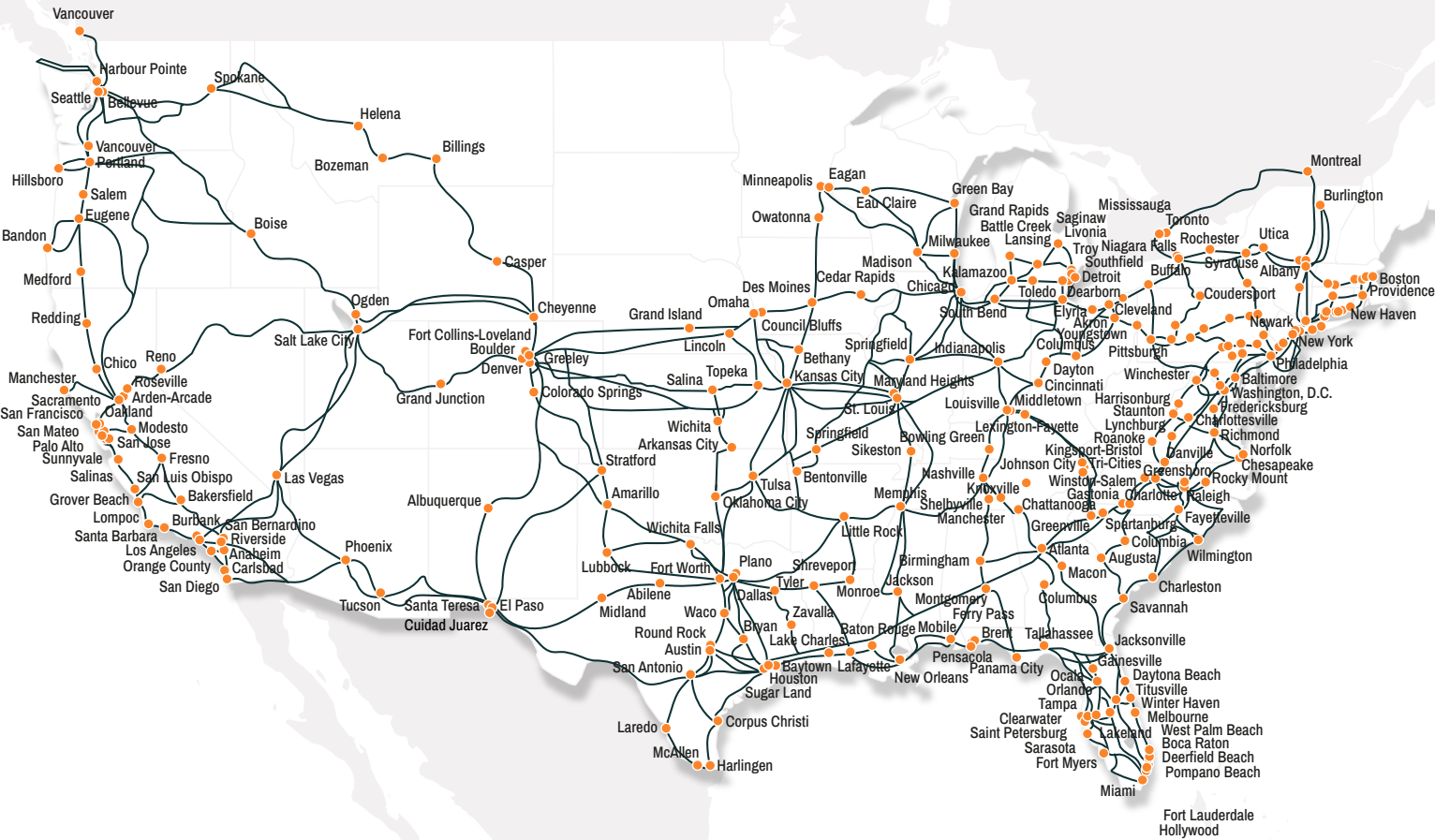
network route miles

**163,000+**  
**on-net buildings**

**2,200+**  
**on-net**

third-party data centers

● On-net market  
— Lumen Network



● On-net market

— Lumen Network

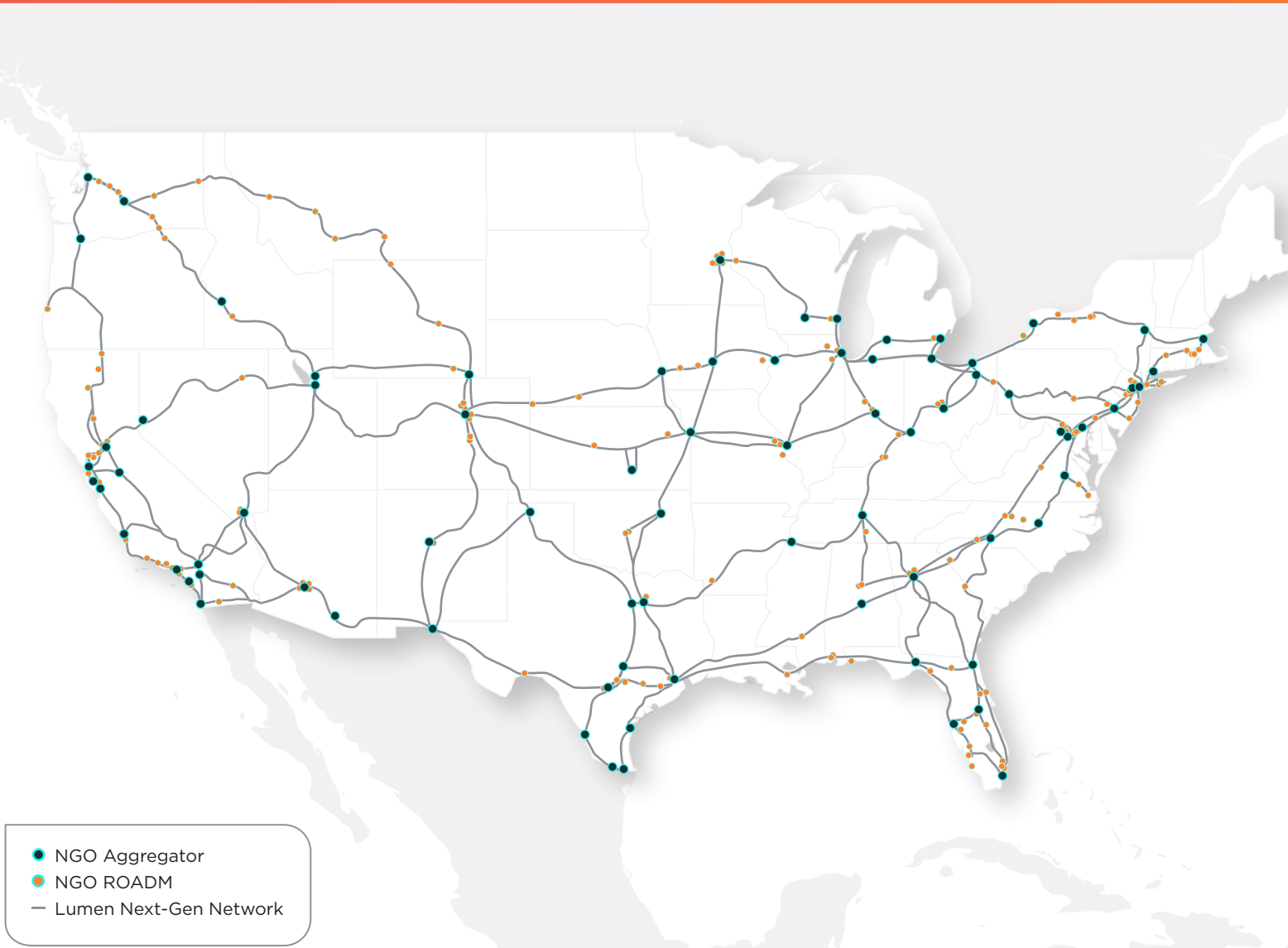




Lumen<sup>®</sup> Wavelength Solutions

LUMEN<sup>®</sup>





**Over 6.6PB of capacity deployed and 530+ 400G customer wave circuits installed on Lumen NGO**

**78,300**  
route miles

Next-Gen, 400G-enabled wave network leveraging ULL fiber where deployed

**400+**  
pops

Pushing further to the metro edge with 10-20 data centers per market

**70**  
NA Markets

Extensive coverage in Tier 1 and 2 markets

**12-24TB**  
line system

ROADM, flex grid based. Up to 3x more capacity

NGO Aggregator

NGO ROADM

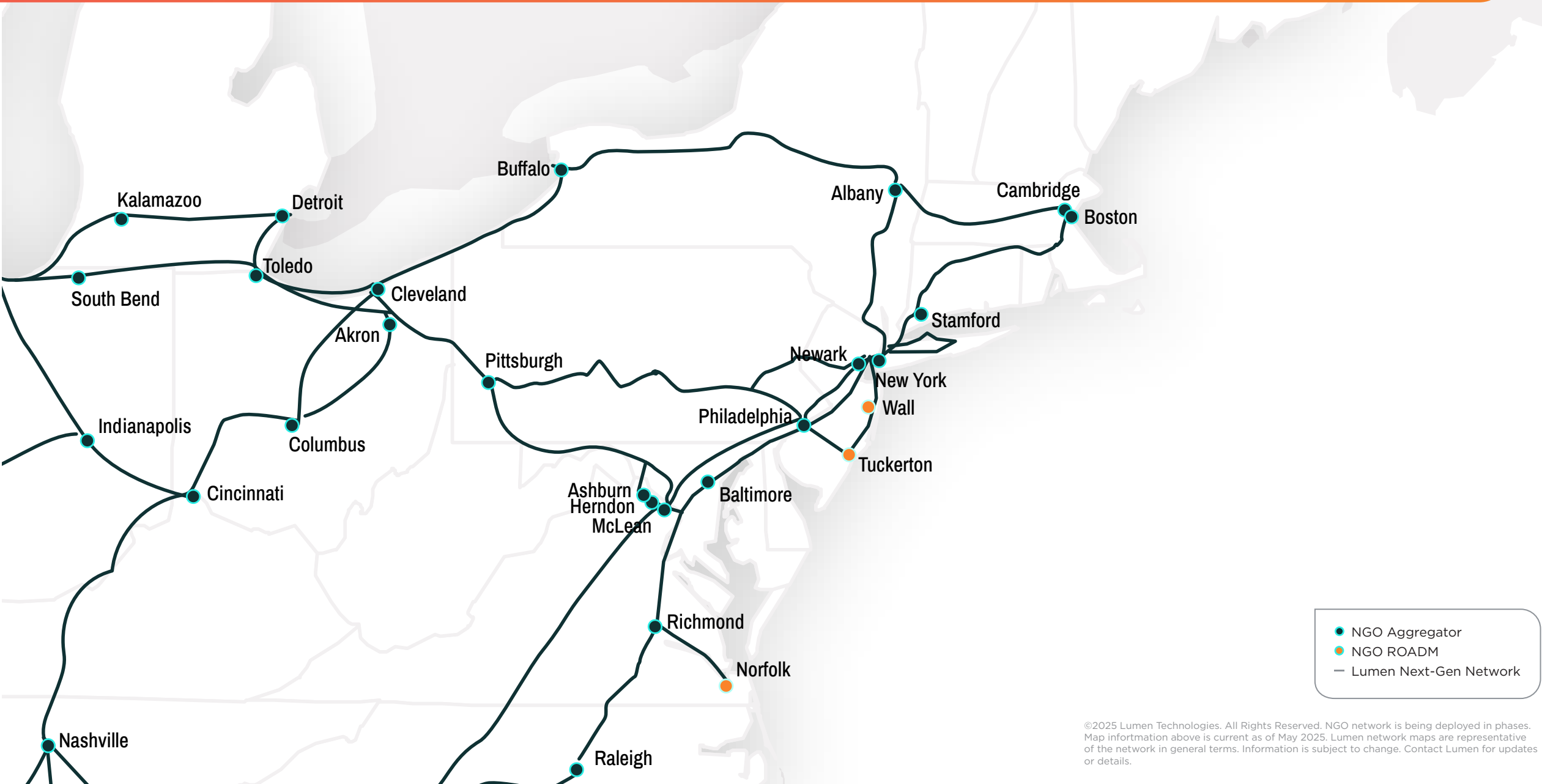
Lumen Next-Gen Network

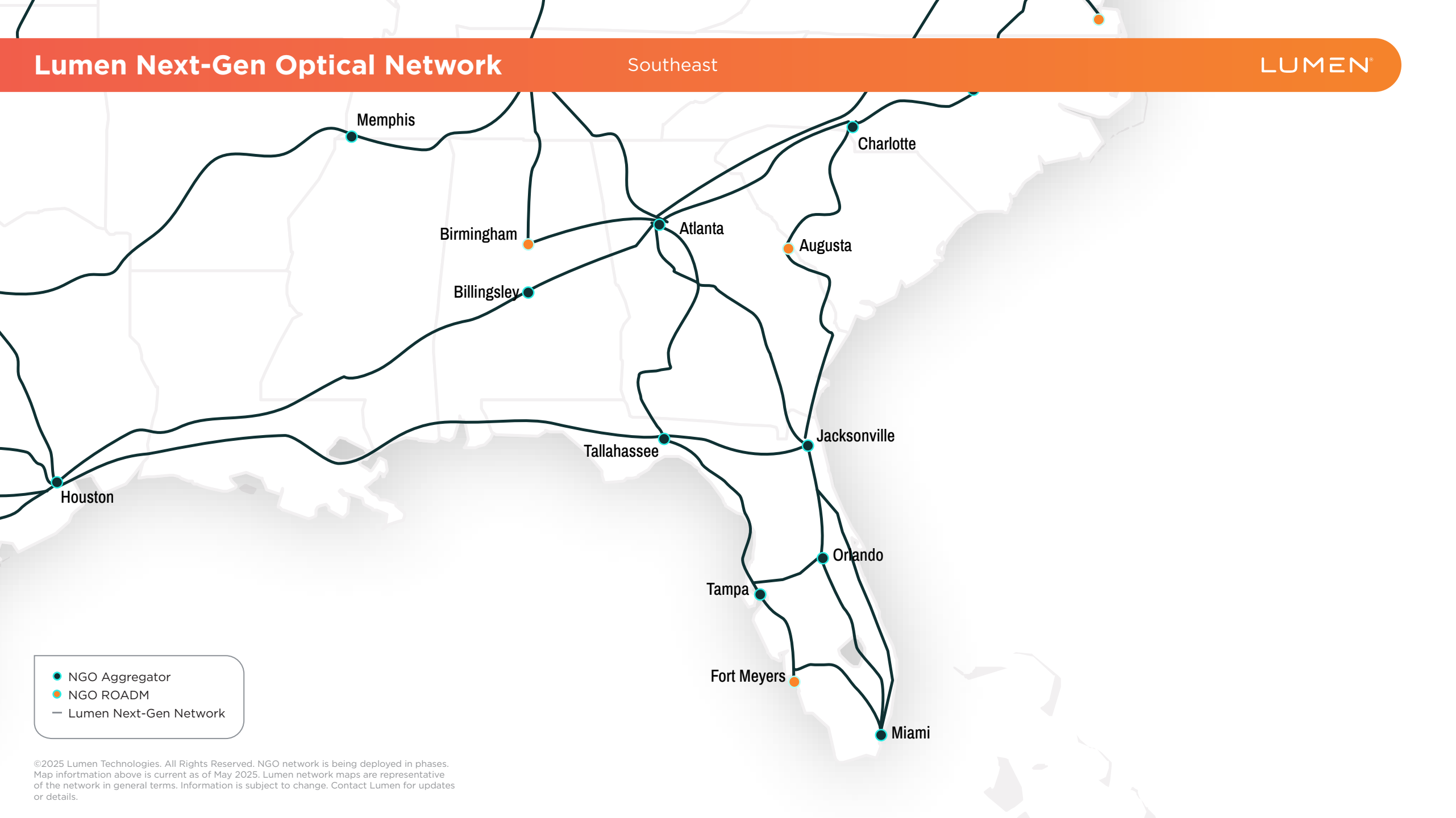
# Lumen Next-Gen Optical Network

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©2025 Lumen Technologies. All Rights Reserved. NGO network is being deployed in phases. Map information above is current as of May 2025. Lumen network maps are representative of the network in general terms. Information is subject to change. Contact Lumen for updates or details.



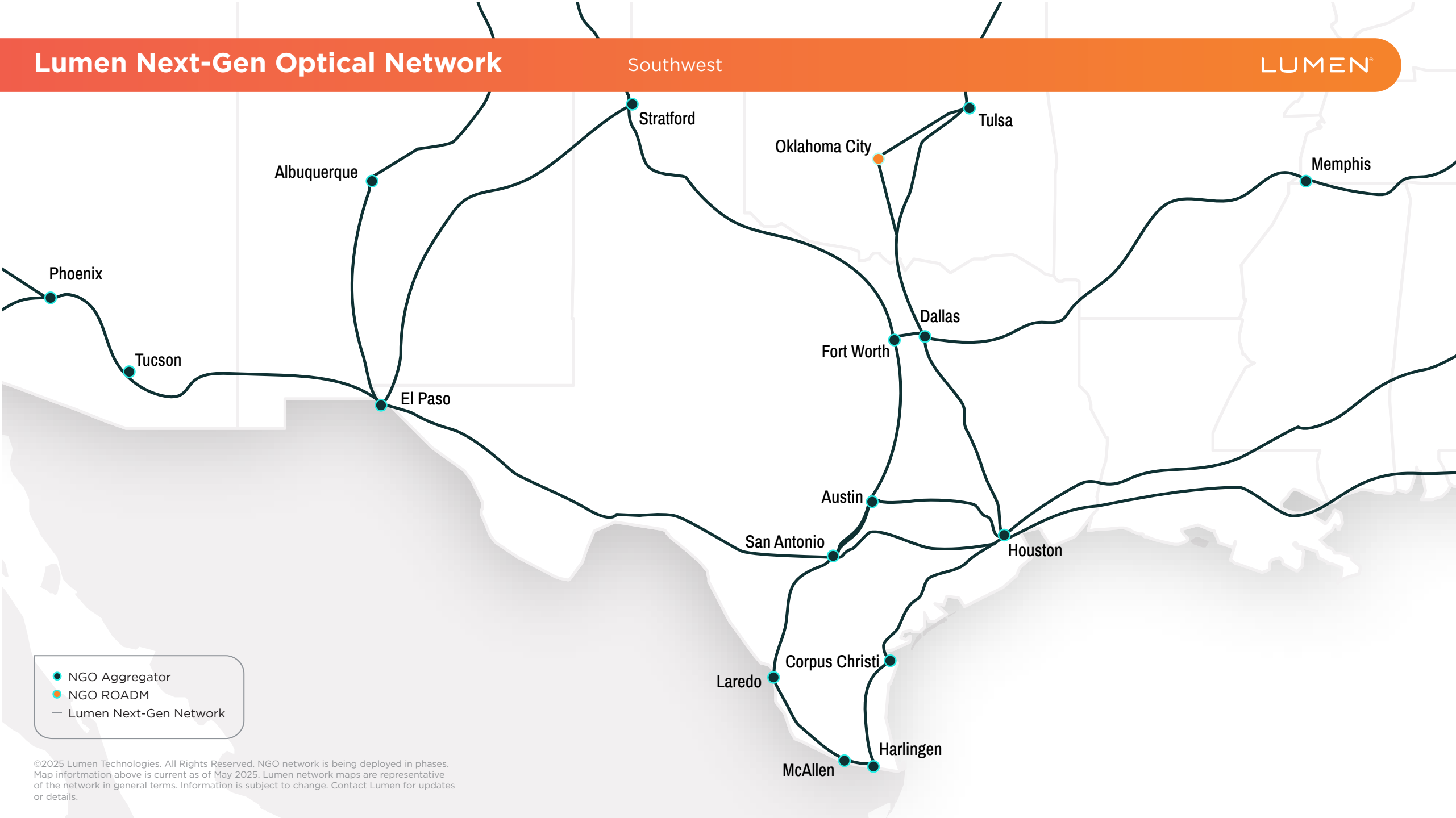


NGO Aggregator

NGO ROADM

Lumen Next-Gen Network

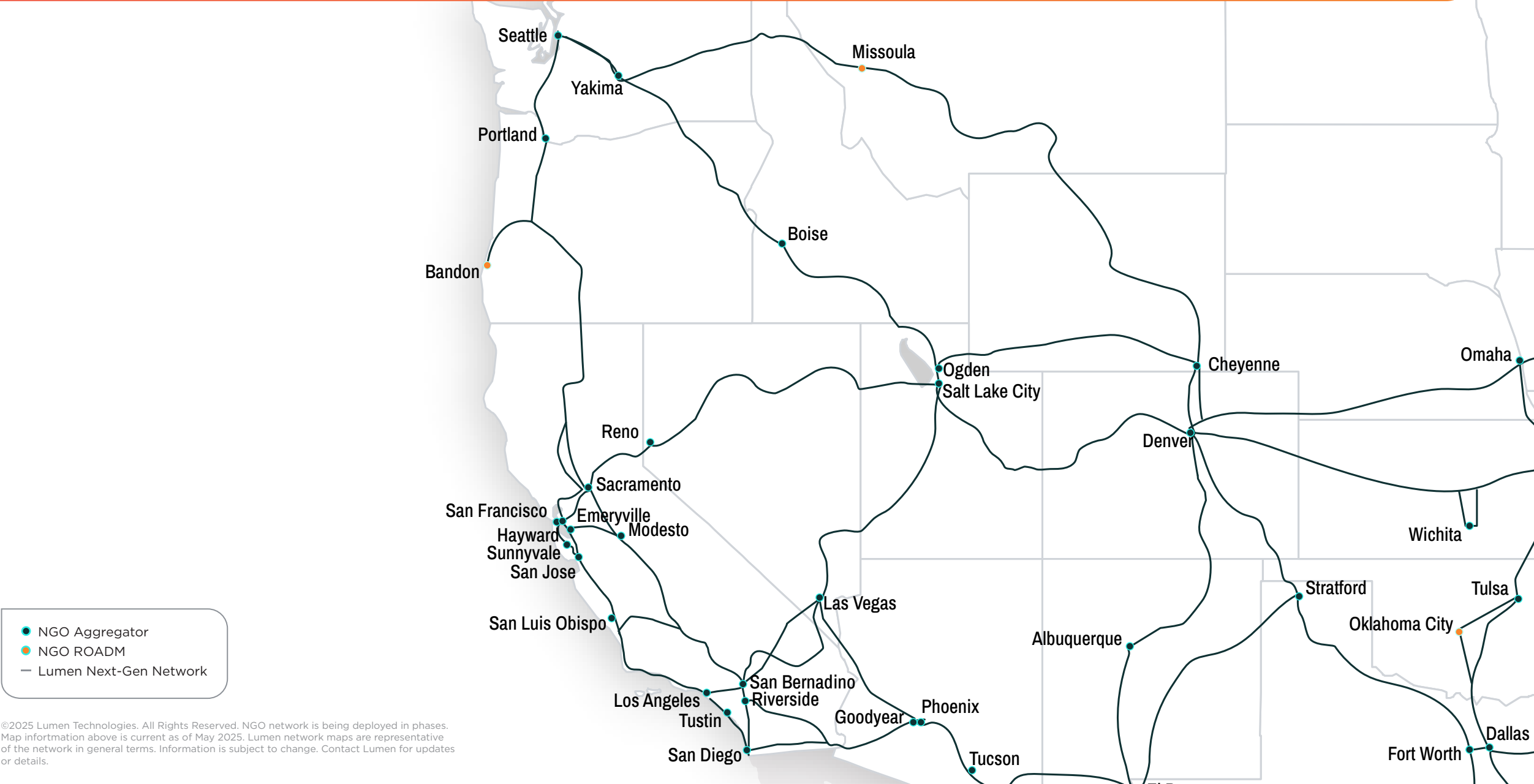




NGO Aggregator

NGO ROADM

Lumen Next-Gen Network





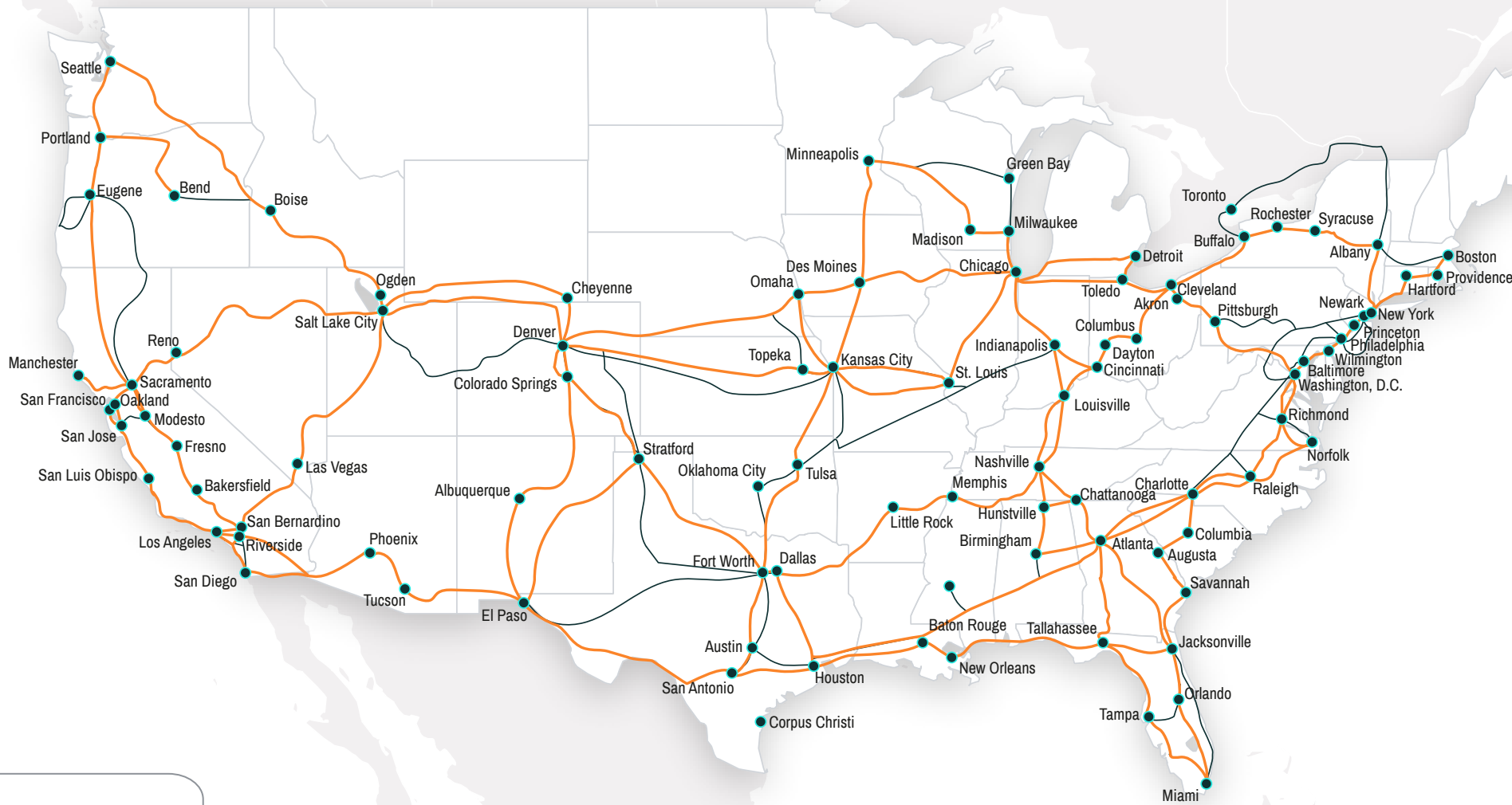
Lumen<sup>®</sup> Dark Fiber

LUMEN<sup>®</sup>



# Lumen Long Haul Dark Fiber Network

LUMEN®



On-net Market

Long Haul Next-Gen Dark Fiber Routes

Long Haul Dark Fiber Routes



Lumen Colocation

LUMEN®



