

Carrier Class Solutions Up to 400G

Keep Pace with Soaring Bandwidth Demand

Power virtual workplaces and propel digital transformation initiatives forward with the newly updated Segra Express Optical Core network.

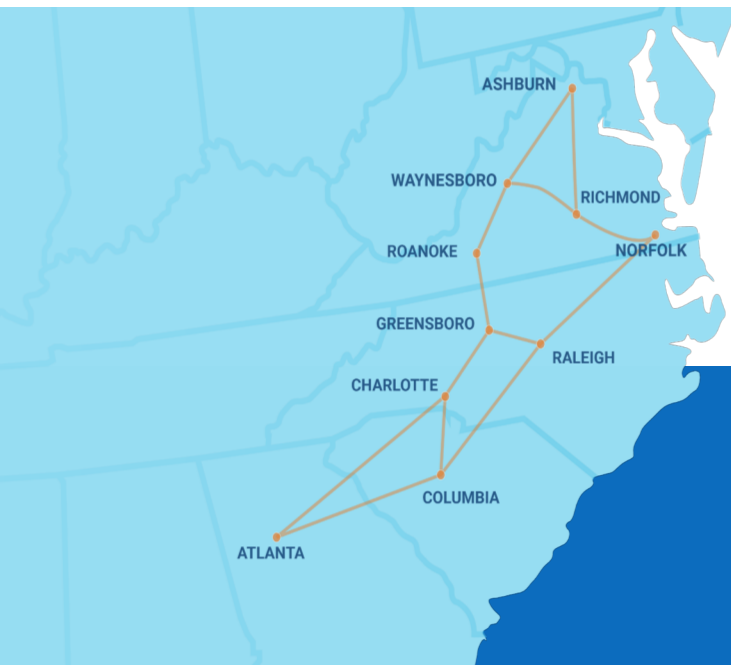
Built to increase scalability and efficiency between key high-traffic routes for regional carriers, the long-haul/core DWDM tier connection is infused with Ciena technology and completes a seamless network infrastructure that's unparalleled in the industry.

Express Optical Core Network

- Powered by Ciena's 800G WaveLogic 5 Extreme solution
- 400GbE connectivity between any location on the network
- Increased capacity, extended reach and reduced latency
- Best network uptime and reliability
- Rapid deployment
- Seamless 100, 400G connectivity
- Customer-centric deal structures and collaborative business cases

Key Markets

- Ashburn, VA
- Atlanta, GA
- Charlotte, NC
- Columbia, SC
- Greensboro, NC
- Norfolk, VA
- Raleigh, NC
- Richmond, VA



Newly Enhanced 800G Routes

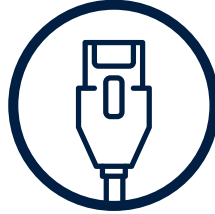
- Ashburn, VA
- Charlotte, NC
- Greensboro, NC
- Raleigh, NC

Solutions



Dark Fiber

- Metro and long-haul footprint
- Network construction competency
- Available for carrier-managed connectivity needs



Carrier Ethernet

- Metro and long-haul/backhaul
- Speeds: 5MB - 400Gbps



Wavelengths

- 1G, 2.5G, 10G, 100G, 400G
- Metro & long-haul
- Unprotected 2 fiber
- Diverse options

Go Further with Segra

- Custom Builds & Grooming
- Strategic Type 2 Partner
- Diversity & Redundancy
- Multiple RLEC Partnerships
- 24/7/365 Network Supervision and Support

Building the Future of Mid-Atlantic and Southeast Connectivity

Technology changes too fast to have a reactive network strategy. Get ahead of business and customer demands with Segra's new 400G routes.

Call [833.GO.SEGRA](tel:833.GO.SEGRA) or email carriersales@segra.com to learn more and request a map of your specific points of interest.

