

Wavelengths

Enabling Growth With **Greater Capacity**

End user data consumption continues to grow at 50% per year, with no signs of slowing down. Supporting that aggregate demand requires scalability, diverse routes and the latest fiber infrastructure.

Wide reach. High resilience. More capacity.

Content streaming and the rapid evolution of generative AI are driving continued traffic growth and placing new demands on network capacity, security and resiliency.

Segra wavelength services delivers dedicated connections with speeds up to 400 Gbps, deterministic latency and graphic route diversity for the performance and resilience high-bandwidth consumers need.

Segra Wavelength Services Features

- Bandwidth speeds up to 400 Gbps for predictable, consistent capacity.
- Protocol independence that enables Layer 2 and Layer 3 data, voice, video and IP transport.
- Configurable topology that supports dedicated ring or hub-and-spoke architecture.
- Dedicated point-to-point connectivity that supports holistic bandwidth management and prioritization.
- High network diversity across 24 States, with Segra Local Ring Enhancements for on-net access loops.
- Connections to more than 140+ data centers & PoPs

Why Segra?

At Segra, we understand that winning in today's business landscape requires more than just technology – it requires a strategic connectivity game plan, relentless agility and innovation, and a human touch.

We invest in our customers, our network and our people to deliver exceptional connectivity solutions and customer service that empower businesses to thrive.

Our local-market operating model means your whole team – from sales to network engineering to customer support – are all living and working in the communities they serve.

Why Segra Wavelengths



Performance

100% dedicated bandwidth for maximum speed and throughput.



Security

Private point-to-point connectivity protects your data from external threats.



Efficiency

Consolidate smaller connections with a single wave for greater efficiency and resource savings.



Customizable

Complete protocol and bandwidth priority control enable full customization of traffic and capacity allocation.

Let's Create Winning Connections Together.