

Wavelength

Dedicated bandwidth, whatever your scale

Technology is defined by the utilization of scientific expertise for practical or useful purposes. Fiber Optic Networks and high-capacity bandwidth are crucial to drive big data, expand applications and connect people and information around the world. At EXA Infrastructure, we pride ourselves on maintaining and growing our technological expertise, along with our network footprint. Leveraging our wholly owned and operated network, we can meet even the most demanding requirements from some of the world's leading financial institutions and hyperscalers.

Why EXA Infrastructure Wavelength?

- Our team: Dedicated & experienced staff is our greatest asset ensuring smooth operation of our networks and satisfied, loyal clients
- Diligently crafted custom solutions designed for capacity, diversity, latency performance or routing preferences for our customers
- Consistently exploring and implementing new ways to improve/enhance the network and customer experience
- Leading coverage across North America & Europe
- Over 174,500 km of network with the Fastest path across the Atlantic: EXA Infrastructure Express 59ms NY-LON
- Substantial metropolitan fibre assets in all major European cities, which combined with EXA Infrastructure's wavelength footprint provide access into thousands of buildings
- Our transatlantic system has 3 landings on Ireland, 5 diverse paths from the UK to Europe, and connectivity into Europe avoiding London
- Unmatched latency performance connecting major financial centers
- Creatively structured commercial arrangements to best suit our client's needs

Benefits for the Client

- Enables clients to efficiently scale to meet increasing network capacity requirements.
- Diverse routing flexibility to ensure optimal performance.
- Flexible latency performance options to meet specific business application requirements.

- Highly resilient and reliable network to ensure continued business operations.
- High-performance connectivity to meet the most latency-sensitive requirements
- Private network build where EXA Infrastructure design, build and operate a dedicated DWDM infrastructure based on bespoke customer's requirements

Key Features:

- Latest generation FlexGrid DWDM optical network
- Scalable high bandwidth capacity, backed by a robust global network.
- 10G, 100G & 400G wavelength service options, with ethernet and OTU interface options
- EXA Infrastructure Express Low latency fast path routing options, ideal for customers where milliseconds impact profitability
- Five transatlantic cables, enabling diversity.
- Guaranteed latency SLA
- Ability to circumvent specific metros by providing route specific paths.
- Ability to provide 10G, 100G and 400G waves directly into Canada (bypassing the U.S.)
- 500+ point of presence, including all the major European and eastern North American Data Centers and Cable Landing Stations

- The only transatlantic cable system that lands in Halifax, Nova Scotia, avoiding the high risk 'hurricane zone'.
- The only cable system with three landings on the 'Island' of Ireland
- The only cable system landing in the UK that does not land within Cornwall/South West England
- The only UK cable system servicing Europe that can bypass London

EXA Infrastructure supports customers in these sectors

- Hyperscale Compute and Social Media backbones
- Gaming
- Content delivery networks
- Internet backbones
- International carriers
- Mobile network operators
- Financial service providers and high frequency traders



As dedicated experts and providers of infrastructure, our sole focus is helping you achieve the growth you want, as simply and efficiently as possible.