

Wavelength

Dedicated Bandwidth.

For high-performance connectivity.

EXA Infrastructure Wavelength provides dedicated, high-capacity optical connectivity for businesses with demanding data transport requirements. Delivered across EXA Infrastructure's extensive terrestrial and subsea network, Wavelength connects key data centres, business locations and network hubs with reliable, secure and predictable performance.

With flexible bandwidth options, low latency and diverse routing, Wavelength is designed to support data-intensive applications and mission-critical connectivity. Customers can scale capacity as their requirements evolve, while benefiting from EXA Infrastructure's fully managed network and operational expertise.



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 and enhance the network and customer experience
- Leading coverage across North America & Europe
- Over 180,000 km of network with the Fastest path across the Atlantic: EXA Infrastructure Express (60ms 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 cable landing stations 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

- **Scalable capacity** to easily accommodate growing bandwidth and network requirements.
- **Flexible routing options** with diverse paths to optimize performance, resilience and geographic reach.

- **Low and predictable latency** to support latency-sensitive and mission-critical applications.
- **High network availability and resilience** to ensure reliable connectivity and business continuity.
- **Dedicated bandwidth** providing consistent, uncontended performance and predictable network behavior.
- **Flexible service options** allowing customers to select the bandwidth, routing and resilience best suited to their requirements.
- **Fully managed service** with EXA Infrastructure responsible for network operation, monitoring and maintenance.
- **Reduced infrastructure complexity and investment** by leveraging EXA Infrastructure's existing optical network and expertise.
- **Private network build option**, with EXA Infrastructure able to design, build and operate a dedicated DWDM infrastructure tailored to specific customer requirements.
- **Global network reach** across EXA Infrastructure's extensive terrestrial and subsea infrastructure.

Key Features

- **Next-generation FlexGrid DWDM technology** supporting high-capacity optical transmission.
- **Scalable bandwidth** from 10G to 400G, with 800G-ready infrastructure.
- **Flexible interface options**, including Ethernet and OTU.
- **EXA Express low-latency routing** with optimized fast-path options for latency-sensitive applications.
- **Guaranteed latency SLAs** for predictable network performance.
- **Diverse transatlantic connectivity** across 9 transatlantic cable systems.

- **Route-specific connectivity**, with the ability to bypass specific metros and optimize the path between locations.
- **Flexible wavelength services** are available across EXA Infrastructure's extensive terrestrial and subsea network.
- **Direct connectivity to Canada**, with dedicated routes providing the option to bypass the US.
- **500+ Points of Presence**, including major European and Eastern North American data centers and cable landing stations.
- **High network resilience through** diverse terrestrial and subsea routes.
- **Global network reach** across EXA Infrastructure's extensive optical infrastructure in Europe, North America and Middle East.

Key Transatlantic differentiators

- 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

Who do we serve?

Wavelength is ideal for organisations with high-bandwidth and mission-critical connectivity requirements. From connecting data centres and cloud environments to supporting large-scale networks and data-intensive applications, Wavelength provides dedicated capacity, predictable performance and the flexibility to scale as network demands evolve

