

How EXA Infrastructure is taking workloads further

COO Ciaran Delaney writes about a platform built to meet what digital leaders need

Artificial intelligence, cloud computing and strict sovereign data requirements have created a major bottleneck in global connectivity. At the same time, digital workloads continue to expand exponentially, moving dynamically between distributed compute hubs.

For those moving vast volumes of data across borders, keeping pace with this growth is not as simple as buying incremental capacity on legacy corridors. Network fragmentation is a hindrance to the modern connectivity ecosystem.

For many, taking data across oceans and into continental markets means stitching together a patchwork of regional vendors: one partner for subsea transit, another for cable landing station access and several terrestrial carriers to move traffic inland.

Multiple hand-offs create performance variability, unpredictable latency spikes, unaligned SLAs and single points of failure. And when critical workloads experience disruption, diagnosing issues across a maze of third-party networks results in costly operational delays.

PARTNER NEEDS

To be able to support next-generation workloads with confidence, buyers of global infrastructure need to look beyond fragmented providers and judge digital infrastructure operators against far more demanding standards relating to:

- ◆ End-to-end resilience and control: infrastructure buyers cannot stop their network assets at the landing station; they need continuous, single-network connectivity from major North American aggregation hubs like Ashburn and New York deep into European data centre markets under one roof.
- ◆ Speed and operational certainty: eliminating third-party vendor hand-offs speeds up service deployment,



simplifies management and guarantees unified service assurance across international borders.

- ◆ Dedicated ocean-to-land expertise: subsea engineering is highly specialised, and buyers need a single partner with deep in-house subsea and terrestrial engineering mastery.

SOLVING THE CHALLENGE

EXA Infrastructure addresses these industry challenges through a unique platform that combines physical scale, meshed flexibility, financial strength and specialised operational expertise. It delivers a continuous, owned network footprint that bridges the Atlantic and extends deep into Europe and beyond.

With nine transatlantic routes and over 180,000 route kilometres of terrestrial fibre in 37 countries, EXA Infrastructure removes the need for third-party hand-offs. Workloads travel on a single network fabric from origin to destination.

This extensive physical footprint feeds into a meshed network architecture, giving customers complete control over how their data moves. For latency-critical applications, direct routes like EXA Express deliver sub-60ms performance between New York and London.

And for bandwidth-heavy AI workloads,

the mesh offers multiple, diverse paths that allow traffic to automatically reroute around physical disruptions, ensuring uninterrupted performance.

SOLID BACKING

Delivering such infrastructure requires significant investment. Together with a refinancing project last year and its supportive owner, I Squared Capital, EXA Infrastructure has invested over €600 million to date and maintains the runway for future investments to meet strong demand.

From deploying next-generation assets like its recently announced transatlantic subsea cable, EXA Meridian, to extending continental fibre corridors, the company's strong financial foundation provides enterprise operators with commercial certainty through the capital power to guarantee capacity headroom and continuous upgrades as AI traffic scales.

Building and maintaining critical backbone infrastructure requires specialised human capital that is increasingly rare in the telecoms market. As hyperscalers absorb much subsea talent, EXA Infrastructure stands out for its deep in-house engineering heritage, particularly after acquiring submarine cable provider Aqua Comms at the start of the year.

The company unites elite subsea cable specialists and terrestrial network engineers under one roof. Managing its own landing stations, marine maintenance programmes and route engineering, EXA Infrastructure eliminates operational boundaries between sea and land.

Customers also benefit from single-point accountability, a single network operations centre and unified SLAs.

With owned end-to-end infrastructure, financial strength and subsea expertise, EXA Infrastructure provides the resilience and choice operators need to carry critical workloads further. 