Content, Cloud & Tech

In today's disruptive digital economy, EXA Infrastructure's robust network infrastructure acts as a high-speed data transfer backbone, ensuring turbocharged efficiency, seamless connectivity, and low-latency connections.

How the industry is changing

In the rapidly evolving digital economy, particularly in emerging markets, the platform economy is swiftly replacing traditional structures. The platform economy, reliant on cutting-edge technologies, reshapes how organizations operate, collaborate, and create value. Fueled by advanced analytics, vast data, and robust computing, businesses gain insights for informed decisions, personalized experiences, and optimized operations. Ongoing advancements in computing power unlock opportunities, leveraging emerging technologies like **artificial intelligence (AI), machine learning (ML), and IoT.** Increasing processing capabilities and storage capacities enable real-time services, disrupting norms and presenting both opportunities and challenges.

How EXA Infrastructure helps

EXA Infrastructure offers dedicated services and comprehensive support across diverse industries.

In the dynamic **video gaming** and media industry our robust ultra-high bandwidth/ low-latency infrastructure facilitates immersive gameplay, real-time collaboration, AI/ ML-driven development, efficient content distribution, flawless live streaming, and cost-effective cloud solutions.

Within the **data center** sector, EXA Infrastructure enables carrier neutrality, customized expansions, adaptability to evolving end-customer requirements, and the provision of value-added services.

For **Software-as-a-Service (SaaS)** companies, our network ensures unmatched application performance, rapid data flows for ML seamless user experiences, resilient private data center access, and cost-effective cloud solutions.
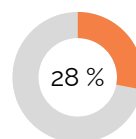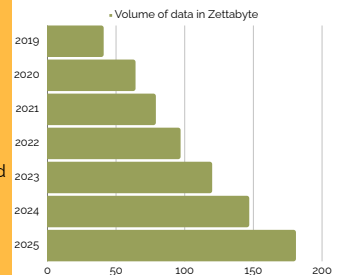
Across **cloud service providers**, EXA Infrastructure supports global development plans, ensures high-quality service delivery, backup and recovery, provides high-performance connections to the Edge, supports EU Sovereign Cloud initiatives, and aids in rapidly scaling cloud infrastructure.

In essence, EXA Infrastructure's reliable, high-capacity network infrastructure underpins the growth, efficiency, and effectiveness of a wide spectrum of applications, delivering the best experiences to end-users.

Industry trends

The volume of data generated, consumed, copied, and stored is projected to reach more than 180 zettabytes by 2025. In 2020, the total amount of data generated and consumed was 64.2 zettabytes.

source: statista.com

Volume of data in Zettabyte

2019	
2020	
2021	
2022	
2023	
2024	
2025	

0   50   100   150   200

28 %

Total used international bandwidth 2023 stands at 1,217 Tbps, representing a four-year CAGR of 28%.

source: telegeography

Content providers global bandwidth share

source: telegeography

69 %

A selected range of products targeting your needs

- **Low Latency:** We can leverage our current low-latency platform to facilitate Communication & Collaboration, video, gaming, or even connect to essential Cloud On-ramps for latency-sensitive compute applications. EXA Infrastructure's ownership and operation of the lowest latency transatlantic cable from New York to London underline our commitment to low-latency solutions. Our extensive low-latency network comprises over 60 unique routes, connecting to major data centers worldwide. As part of our ongoing expansion, EXA Infrastructure's network is branching into emerging markets and new data centers to further enhance connectivity.

- **Wavelength:** EXA Infrastructure provides Wavelength services through our owned DWDM terrestrial and subsea fiber infrastructure, covering over 500 PoPs across Europe and North America. Our unique network seamlessly offers wavelengths from Istanbul to Chicago. Wavelength services range from 10Gbit/s to 100Gbit/s, with Ethernet, SDH, and OTN options. Our optical platform supports 400Gbit/s services, allowing easy upgrades as our customers expand.

- **Dark fibre:** EXA Infrastructure excels in a diverse service portfolio, spanning long-haul, metro, DC interconnect build, and bespoke solutions. Clients benefit from our unique footprint, dense metropolitan fiber coverage, and pan-continental subsea connectivity. Leveraging Raman technology and cutting-edge optical fibers, we support capacities exceeding 50Tbit/s per fiber pair. We tailor solutions for duct and cable infrastructure, welcoming bespoke requirements to provide unique connectivity possibilities.

- **Colocation:** EXA Infrastructure manages colocation facilities across Europe and North America seamlessly integrated into our network. These locations offer unparalleled flexibility in space, power, and connectivity configurations, from industry-standard cabinets to bespoke solutions. EXA Infrastructure provides remote hands, eyes, and cabling services at all our colocation facilities.

What EXA Infrastructure brings to clients by focusing on specific segments

Hyperscalers:
Commercial flexibility, investment and innovation at market place

Cloud & Tech:
Application performance, diversity and resilience

Global & Regional Carriers:
Complementary & Unique network routes with simplified & efficient operations

Local Carriers:
Diverse backhaul options from various access networks with service assurance

Government:
Reliability, security and compliance

Finance:
Market leading low latency routes, scalability and transparency

EXA INFRASTRUCTURE

Where growth happens.