

Ultra-low Latency
Connectivity Solutions
for **London Stock
Exchange Group**
Trading Participants



ALGOSpan 

THE **SHORTEST** PATH...
TRADE **FIRST**, NOT LAST



Ultra-low latency connectivity solutions for the global financial community

AlgoSpan provides ultra-low latency 'shortest path' connectivity solutions, designed to reduce execution times to major trading venues across Europe and the United States. We combine high-performance point-to-point network and colocation services to deliver super fast market access directly to the trading desktop.

At a glance...

What is it

Ultra-low latency exchange connectivity solutions to reduce network latency attributable to distance between the customer's servers and the Exchange

Who is it for

The LSEG trading community needing to improve the performance of their high frequency and algorithmic trading capability

Why AlgoSpan

Complete range of connectivity and colocation solutions designed to meet different cost, performance and latency goals

Helping you to trade **first**, not **last**

The London Stock Exchange Group (LSEG)* is at the heart of the global financial market and has become the world's most international stock exchange, offering international business unrivalled access to Europe's capital markets.

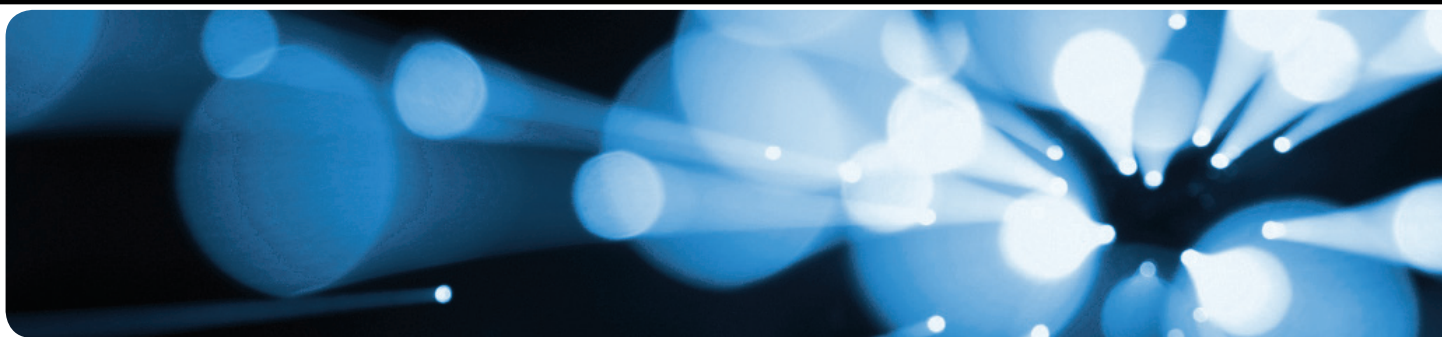
AlgoSpan provides the ultimate choice in ultra-low latency LSEG trading connectivity, offering varying levels of management, performance and investment. All services are designed to minimise network latency attributable to connections between the customer's equipment and the Exchange, delivering the following benefits:

- Increased speed of market data delivery
- Execution of orders with reduced network latency
- Improved performance of algorithmic trading capability
- Increased probability of accessing available liquidity
- Ability to react more quickly to market changes
- Direct access to a global community of service providers

***"We believe that
AlgoSpan's advanced
network offering is
unrivalled in today's
market and a catalyst
for those striving for
a leading position
in the race towards
near-zero latency
performance"***



*Includes London Stock Exchange Markets, Turquoise, Borsa Italiana, EDX London and OSLO Børs.



Service Options

Shortest path connectivity solutions

AlgoSpan recognises that trading participants have different connectivity needs when it comes to managing the impact of network latency. In response we have developed a range of LSEG connectivity options that enable customers to balance the need to achieve the fastest possible market access, with the desired return on investment.



Colocation

London Stock Exchange

Colocation Service

Fastest possible access to LSEG markets

Offering the ultimate in LSEG connectivity, you can host your equipment within our collocated cabinets in the Exchange's own data centre. This will put you as close as possible to core trading and information systems in a purpose-built facility.

- Fully managed and supported packages available
- State-of-the-art data centre facility within a highly controlled environment
- Cross connect to the Exchange and a community of trading services

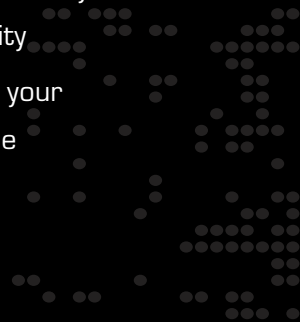
London Stock Exchange

Proximity Hosting Services

Excellent cost effective low latency colocation

Provides low latency colocation within a strategic location in the heart of the City of London. The Interxion Financial Hub in LON1 data centre is ideally located for hosted trading facilities, with resilient fibre based direct Exchange access delivering 0.01ms latency.

- Three service options available dependent on your business needs
- High levels of infrastructure redundancy, power density and physical security
- Low latency connectivity between your trading platform and the Exchange



Connectivity

AlgoNet Direct Exchange Access

Low latency trading service connectivity

Low latency, fully managed and resilient trading connectivity platform, enabling customers to leverage Exchange information and trading services, available for firms based in London and our inter-exchange network locations.

- Managed layer 3 connectivity platform for LSEG execution and market data
- Guaranteed sub-millisecond round trip access using routes focused on latency
- Point-to-point fibre installed from your premises directly to the exchange network

LSE Connectivity

Point-to-point shortest path connectivity

Ultra-low latency network access for firms with equipment hosted in the Exchange's primary data centre, delivering shortest path fibre based point-to-point connectivity directly to the trading desktop.

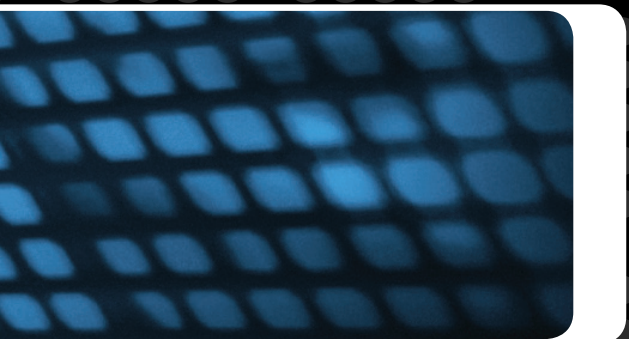
- Point-to-point fibre installed from the LSE data centre directly to your premises
- Layer 2 connectivity available at bandwidths from 100Mb/s – 10Gb/s
- Guaranteed sub-millisecond round trip access using routes focused on latency

Inter-Exchange Network

Shortest path inter-exchange fibre network

One of the industry's fastest inter-exchange fibre networks designed for shortest path access to local and international major centres of liquidity in London, Frankfurt, Zurich, Stockholm, New York and Chicago.

- High capacity backbone with minimal fibre miles per route
- Built upon the latest generation transmission platforms for the lowest possible latency
- Point-to-point fibre installed from your premises directly to the exchange network



Business continuity

Hosting Solutions

Prepared for 'always-on' trading continuity

Designed to meet the specific continuity needs of each customer, our disaster recovery services include physical platforms such as hot standby sites (replica of your infrastructure at a second hosted trading facility) in the event of an incident at the primary location.

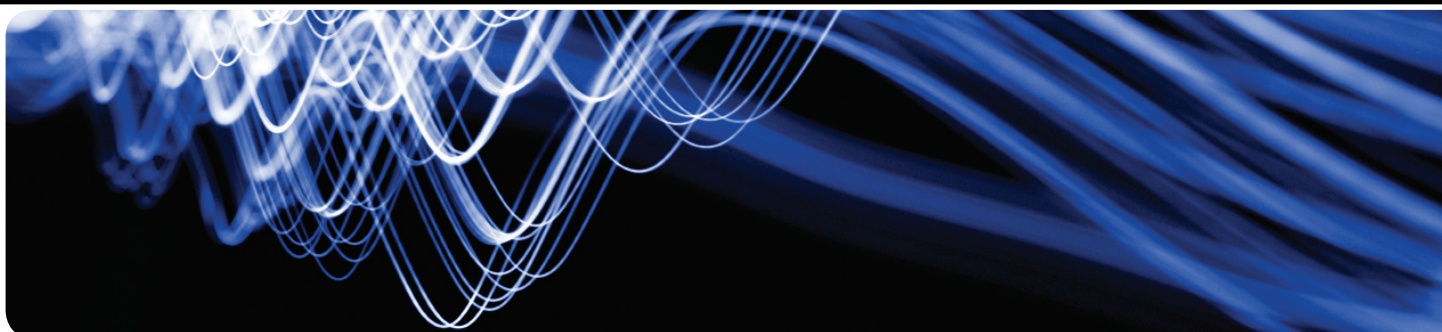
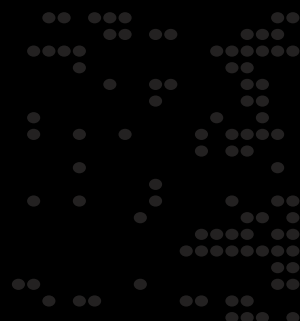
- Physical trading continuity options for customer's of the Exchange Hosting Service
- Sites available at central or outlying locations with low latency connectivity to LSE
- In the event of an incident customers can revert to trading via this hosted trading facility

Connectivity Solutions

Prepared for 'always-on' trading continuity

Eliminate the risk of network unavailability with resilient exchange connectivity to meet the specific continuity needs of each customer – maintaining trading operations in the face of disruption to your primary circuit.

- Resilient connectivity offering multiple network routes
- Load balanced or hot standby transmission paths
- Secondary links with alternative service providers if required



Find out more about our ultra-low latency shortest path connectivity solutions for the global financial community...

Visit **algospan.com** for further information on our services and our latest network latencies



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