



Ultra Low Latency - London to Frankfurt

Speed increasingly matters in today’s trading environment. Algorithmic and alternative trading strategies depend highly on execution speed in an environment where microseconds (μ) make the difference between millions of dollars in profits or losses. From London to Frankfurt this is 10.210ms RTD Ultra Low Latency route is available from Perseus Telecom on COLT’s network.

Customers in the finance vertical want the ability to simply and quickly connect to the technical infrastructure of the market exchange at the lowest latency possible, to give their trading strategy the best chance for success. London and Frankfurt represent more than 50% of European trading and are the two largest trading cities in Europe. Together these two cities are the European Financial Megalopolis attracting large numbers of Financial Institutions (FES) sitting in a tight geographical area.

There is also a new heightened level of demand for liquidity and risk mitigation on a global level. It is still somewhat complex for companies to pick the shortest fibre paths as is visible in the route map illustrated here.



Figure 1 Perseus Telecom presents London to Frankfurt at Ultra Low Latency

Perseus Telecom’s experience says most FES expect to locate their trading mechanisms in key markets as close as physically possible to matching engines at the lowest latency there is. The cost of doing this is often high, but so are the rewards of getting ahead of the competition.

London and Frankfurt will always be distinct markets and co-location points for this reason, but the latency of the

connections between them will be pared down to the most direct route and the limits of speed of light in glass. Until we are all huddled around the same markets at the same connection speeds ULL routes such as this London to Frankfurt route will give some finance sector leaders a competitive edge.

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