

Use Case



European-based quantitative proprietary trading firm

The freedom and agility to quickly scale operations to connect to new markets worldwide - with a single global network provider

Quick Facts

CUSTOMER:

European-based quantitative proprietary trading firm

CHALLENGE:

Readying its trading infrastructure for global market expansion

SOLUTION:

Connexus WAN
Connexus SD-WAN

BENEFITS:

- Satisfy global connectivity needs with a single provider
- Agility to rapidly scale operations
- Conduct arbitrage between execution venues
- Lower total cost of ownership

“Connexus WAN, along with Connexus SD-WAN, offers a holistic approach to connectivity that gives the firm the freedom and agility to scale their operations globally. The firm can now reach new trading centres and emerging frontier markets anywhere in the world – with a single provider and with a significantly shorter time to market.”

CHALLENGE

A leading European-based quantitative proprietary trading firm is geographically dispersed across six offices in Europe, Asia and North America. With a multi-strategy model, the firm already trades across many asset classes and instruments in developed markets. It planned to expand to new markets worldwide and leverage new opportunities in emerging frontier markets.

Its mission-critical trade lifecycle applications, as well as secure communication between offices, ran over a proprietary MPLS-based network using leased circuits from a variety of providers – integrated and managed by the firm.

The firm’s expansion strategy raised the question as to whether it continued to build out this network – by sourcing and integrating additional links from local or regional providers – or look for a better solution.

SOLUTION

The firm took the decision to bring in a fully managed network solution and selected the IPC Connexus WAN and Connexus SD-WAN solutions. The Software defined wide area network that is Connexus SD-WAN leverages IPC’s flagship, award-winning Connexus Cloud platform - built exclusively for capital markets and tailored to buy-side operational needs - with global reach that offers connectivity into virtually all financial centres.

Connexus WAN and Connexus SD-WAN combine several technologies to create secure networks, with additional flexibility and reach provided by the customer’s own global internet connectivity. Delivering a seamless “plug and play” experience, Connexus WAN provides reliable, secure and resilient connectivity to the office, while Connexus SD-WAN enables their home-based users.

The firm benefits from competitive service level agreements under a single global master service agreement – allowing it to satisfy all their connectivity needs on a private, secure network with a single provider offering comprehensive support services globally and locally.

The implementation project included four key sites with a further ten locations being added across Europe, the Americas and Asia using a phased approach.

Connecting opportunities

Results

BENEFITS

Connexus WAN and Connexus SD-WAN offer a holistic approach to connectivity that gives the firm the freedom and agility to scale their operations globally. It can reach new trading centres and emerging frontier markets anywhere in the world, with the added benefit of significantly shorter time to market.

IPC's Connexus Cloud platform provides direct connectivity to exchange colocation sites across the globe. Not only does this meaningfully reduce latency – trading firms can significantly reduce latency when they are in proximity to, or co-located with, the matching engine of a liquidity venue – but it has also given the firm access to a vast established ecosystem of liquidity venues and trading counterparties.

All of this has enabled the client to expand their business, successfully execute trades across a variety of liquidity venues and take advantage of arbitrage opportunities – while gaining efficiencies that are vital to increasing profits.

By outsourcing its entire network to a single trusted partner, the firm has completely streamlined its service provider relationships. In doing so, it has benefited from economies of scale and lower total cost of ownership from reduced connectivity and operating costs. It has also drastically simplified network management which has freed up IT resources to move up the value chain.

Connexus® WAN | Connexus® SD WAN



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