

# Connexus<sup>®</sup> Hub



IPC

## Low latency connectivity with a global footprint

### Solution sheet

#### Features

##### Low Latency Layer 2 Connectivity via 1G or 10G

Engineered utilizing industry leading ultra-low latency Arista switches

##### Aggregate Cross-Connect

Managed single cross-connect offering access to multiple services

##### Optimized Inter-POP Transport

Expand into additional key data centers via IPC's premier fiber paths

##### Colocation for Reduced Latency

Maximize trading efficiency by co-locating equipment with trading engines

##### Global Presence

Gain presence in key trading centers or emerging markets without expensive build-out investment

##### Connectivity to Connexus Community

Access to IPC's 6,600+ On-Net customers, providers and liquidity venues

#### Low Latency Reach Expanded

As the financial markets continue to grow, latency demands both locally and globally have become key requirements as increasing levels of competition and intercontinental trade activity demand low latency. Connexus Hub addresses these concerns by offering a low latency solution locally within key financial centers with interconnectivity to locations across the globe via ultra low latency circuits.

#### Maximize Performance

Connexus Hub customers have the ability to expand their reach globally by utilizing IPC's industry leading ultra low latency links between regions, offering maximum uptime, performance and scalability. Combining Connexus Hub with Connexus Colocation not only reduces latency but also drives efficiency by placing customer servers within close proximity of each other, for the ultimate low latency solution.

#### Location Integrated with Performance

Our co-located solution is performance engineered for organizations that are greatly reliant on latency and speed of execution. IPC's Connexus Hub solution enables customers to co-locate their network infrastructure within close proximity to trading engines resulting in an ultra-low latency solution. IPC's Connexus Hub fractional co-lo option eliminates the costly fees associated with a full rack while expanding your network within prime data center locations, enabling you to save time and money all while gaining the benefits of a world class infrastructure.

#### Flexible Connectivity

Connect directly with venues and counterparties within the same physical location across IPC's low latency layer 2 cross connect community in order to gain optimized trade execution, operational efficiencies and access to IPC's 6,600+ On-Net market participant locations. IPC's various connectivity options give you the flexibility to select a solution that works best for you. New customers have the ability to co-locate within the Connexus Hub cabinet, while customers who already have a presence within one of the Connexus Hub market data centers have the ability to quickly and easily connect to IPC's Connexus Hub via a layer 2 cross-connect. Finally, for IPC On-Net customers already enjoying the benefits of the Connexus Cloud, connectivity to IPC's Connexus Hub couldn't be easier; it's as simple as adding the service to your existing IPC environment.

# Connexus Hub

## Low Latency Cut-Through Technology

Connexus Hub uses industry leading ultra-low latency switches supported by cut-through switching with dedicated bandwidth and VLAN (Virtual Local Area Network) provisioning to deliver several important benefits to customers which include:

- Low consistent switching latency
- High-speed connections
- Dedicated, non-shared bandwidth
- Simple Layer 2 Ethernet connections that lower customer termination / router equipment cost and complexity

## Connexus Hub Extends the Benefits of IPC's On-Net Community

Connexus Hub is built on IPC's Connexus Cloud Connexus architecture, which enables financial firms to connect rapidly with other On-Net companies offering secure, dedicated connectivity. Connexus Hub expands these On-Net capabilities to enable customers expanded connectivity.

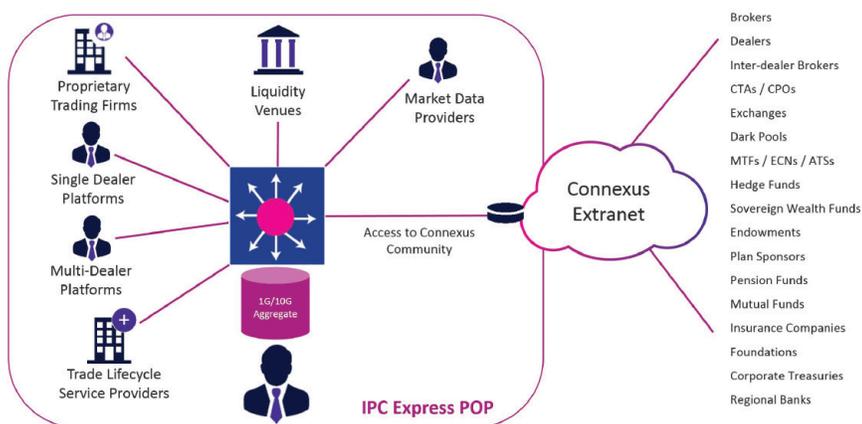
## IPC Support

Financial firms need a partner they can trust and one who provides premium support. The IPC Connexus Cloud is monitored, managed and supported by a team of highly skilled engineers around the world providing 24x7x365 world-class customer service.

## Global Solutions Operations Centers

IPC's Global Solutions Operations Centers (GSOCs) in New York, London and Singapore are exclusively focused on servicing the capital markets by monitoring the network at all hours of the day and night. Operational hours for the GSOCs overlap, and there is a hand-off from one to another to ensure proactive monitoring and management of the network. IPC Network Services customers are provided access to the IPC Portal, which offers operational intelligence, enables them to check on the status of circuits, request additional products or services and view circuit performance.

## Connexus Hub Topology



## About IPC

IPC is a technology and service leader that powers financial markets globally. We help clients anticipate change and solve problems, setting the standard with industry expertise, exceptional service and comprehensive technology. With customers first and always, we collaborate with each to understand their individual needs to help make them secure, productive and compliant within our connected community. Through service excellence, long-developed expertise and a focus on innovation and community, we provide agile and efficient ways for our customers to accelerate their ability to adapt to the ever-changing requirements for advanced data networks, compliance and collaboration with all counter-parties across the financial markets.

[www.ipc.com](http://www.ipc.com)