

Connexus Ethernet



secured ethernet layer 2 for capital markets connectivity

Solution sheet

Consolidation of Both Voice and Data Service Lowers TCO

IPC's Connexus™ Ethernet offers unmatched connectivity options. With Connexus Ethernet firms get speed, reliability and security throughout the trading life cycle, providing value to firms including:

- Buy-Side Firms
- Brokers
- Exchanges, ECNs and Dark Pools
- Information and Analytic Providers
- Clearing and Settlement, Depository and Other Post-Trade Firms

Connexus Ethernet Specifications

Speeds: To meet the varying requirements of financial firms, a wide range of speeds from sub-1 Mbps to 10 Gbps is supported.

Interface: RJ-45 for connection to customer equipment.

VLAN: 802.1Q compliant.

High-Speed: offering to key city pairs:

- New York – Chicago
- New York – London
- New York – Houston
- Chicago – Houston
- London – Frankfurt
- London – Paris
- Hong Kong – Tokyo
- Hong Kong – Singapore
- Singapore – London
- Frankfurt – Chicago
- Toronto – New York

Connexus Ethernet Enables Electronic Trading

With the growing demand for direct market access and regulatory requirements increasing the need for market makers and exchanges to be connected electronically, IPC's® Connexus Ethernet extends the value of our global financial markets network to the full trading life cycle. Connexus Ethernet provides secure, dedicated Ethernet

Layer 2 connectivity that is never oversubscribed to ensure customers' data always gets through. Supporting a wide range of speeds, Connexus Ethernet enables financial firms to subscribe to only the bandwidth they need, with the ability to rapidly and easily change their bandwidth as necessary.

Network Technology Focused on Trader Needs

Connexus Ethernet is delivered across IPC's Global Financial Markets Network. Our use of Ethernet over SONET/SDH/DWDM enables services that are focused on trading firms' need for highly reliable, secure, latency-sensitive electronic connectivity.

With the global financial markets network, IPC is able to bring together On-Net firms that require fast and secure voice and data connectivity to their trading partners and clients.

Provisioning Over VLAN

Connexus Ethernet uses dedicated bandwidth and VLAN (Virtual Local Area Network) circuit provisioning to deliver several important benefits to customers. These include:

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

Connexus Ethernet Extends the Benefit of IPC's On-Net Community

IPC's Financial Markets Network enables financial firms to connect rapidly with other On-Net companies for Connexus Voice services, providing secure, dedicated connectivity. Connexus Ethernet expands these On-Net capabilities to enable electronic trading to those same firms.

On-Net firms can use Connexus Ethernet for point-to-point or point-to-multi-point Ethernet circuits to quickly, securely, and efficiently connect with their trading partners and clients. To ensure reliability and resiliency we provide 24x7x365 monitoring and managed services that are the hallmark of our global network service.

Connexus Ethernet

IPC Support

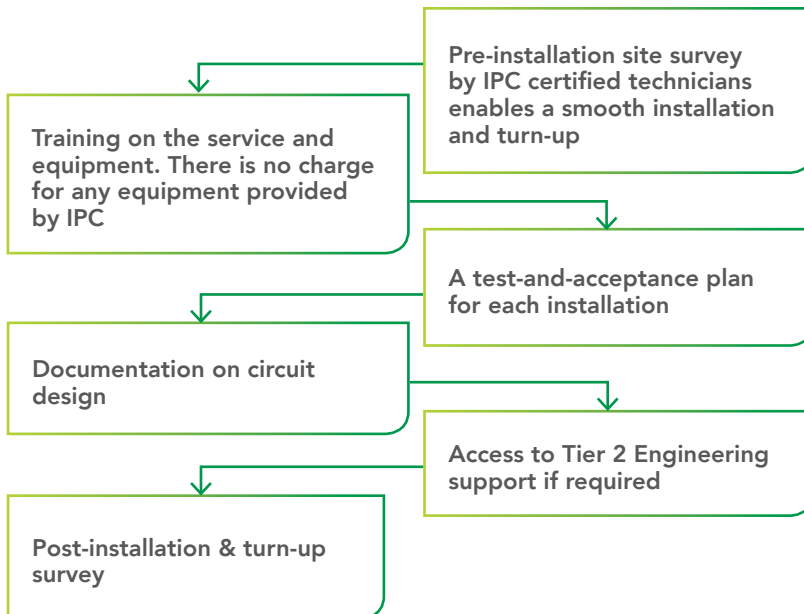
Financial firms need a partner they can trust and one who provides premium support. The IPC Financial Markets Network is monitored, managed and supported by a team of highly skilled engineers 24x7x365 around the world.

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 that outstanding problems continue to be addressed. IPC Network Services customers are provided access to the IPC portal, which enables them to check on the status of their circuits, request additional products or services and view circuit performance.

Proven Service Methodology

Connexus Ethernet is a managed-service offering from IPC. Each customer receives the following as part of the service:



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.

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