



Where Networks Exchange

As thousands of networks interconnect over the global Internet to exchange traffic, companies strive to find the best exchange point option to meet their particular needs. Critical factors include the quantity and diversity of participants, breadth of connectivity options, access to strategic markets, and the safety and security of valuable network equipment and information.

Switch and Data[®] has the people and the resources to help you capitalize on data exchange and commerce opportunities, and realize efficiencies. Best of all, our experienced and knowledgeable team works closely with you, providing the ongoing support you need to stay ahead of the competition.

Enterprise and service provider clients rely on our industry-leading PAIX[®] services for access to more networks, quicker time to market, vast peering and transit opportunities, and a richly diverse customer base.

PAIX[®] BENEFITS

➤ Guaranteed availability with 99.999% uptime backed by best-in-class proactive SLAs
➤ Class A “open marketplace” where Internet service providers, telecommunications companies, and enterprise clients can come to conduct business without interference
➤ Better network performance, reduced costs, and improved speed to market
➤ Multiple interconnection options
➤ IPv4 and IPv6 available
➤ Speeds available from Fast Ethernet to 10 Gigabit Ethernet

Connect. Collaborate. Conquer.

The PAIX switch architecture facilitates access among all participants who are connected to it. PAIX participants enjoy a variety of benefits – the primary of which is access to a diverse customer base, without incurring local access charges for connection to each, ultimately optimizing the exchange of traffic. This arrangement equates to better network performance, reduced costs, and improved speed to market for customers.

The PAIX peering fabric is well-known in the Internet community, primarily because of the density of networks that connect to it, and because of the policies applied to the switch to ensure integrity of data exchange. This market-leading concept is supported via the deployment of a PAIX switch in a Switch and Data facility, or indirectly through connectivity to a PAIX switch in a myriad of locations.

MARKETS OFFERING PAIX[®] SERVICES

➤ Atlanta	➤ New York Metro	➤ Seattle
➤ Dallas	➤ San Francisco Bay Area	➤ Vienna



More Ways to Do Business

PAIX provides public and private Internet exchange solutions via the industry's leading public peering switch fabric, through a variety of platforms.

Public Connectivity

- **Gigabit Network Interconnections (GNI)** allow PAIX participants to enjoy connectivity to one of the richest marketplaces in the nation – the Switch and Data public peering fabric. The GNI is available in a variety of speeds, including Fast Ethernet, Fractional Gigabit Ethernet, Gigabit Ethernet, bundled Gigabit Ethernet (NxGigE), and fractional and full 10 Gigabit Ethernet, giving you the flexibility your business demands to handle unexpected spikes in traffic and minimize packet loss.
- **MetroPAIXSM**, the first commercial distributed peering model in the U.S., enables peering outside Switch and Data facilities for economical access to more peers, more service providers and more enterprise clients in other colocation facilities and data centers. This capability offers a cost-effective alternative to establishing a presence in multiple facilities or using expensive local loops for direct point-to-point connectivity.

Private Connectivity

Direct participant-to-participant or participant-to-carrier cross connects can be provisioned in a fraction of the time required for private-line circuits. Additionally, participants can select from a wide range of interconnection media options to meet their unique bandwidth requirements, which is critical to maintaining strategic network connections.

- **Cross Connects** include DS0, DS1, DS3, Fiber, Ethernet
- **Virtual Network Interconnections (VNIs)** allow a one-to-one private exchange of traffic over a public infrastructure, for greater traffic management and an increase in router hardware savings

Helping You Stay Ahead

Switch and Data delivers comprehensive colocation, interconnection and peering solutions in a neutral marketplace built for your business. Additionally, our bundled solutions combine rack space, power, and other products at one price for easy ordering. We give clients access to more markets than any other service provider, and more networks for bandwidth abundance and network redundancy. Let us bring you the products and services, stability, security, and know-how you require to be successful in today's challenging business environment. **Contact us today at (800) 455-9922, or visit www.SwitchandData.com.**