



## iNAP DATA/INTERNET EXCHANGE

**The iNAP Exchange allows ISPs, Carriers, R&E Organizations, Content Providers and Enterprises to quickly and inexpensively exchange Internet data.**

The INAP Exchange is a distributed integrated facility designed to reduce operating costs by aggregating companies on a common optical platform so clients may have direct peering arrangements with each other. The Exchange is designed to reach the subscriber at their demarc, and reduce or eliminate the need for a transit provider, which in turn leads to lower costs for you. In addition to facilitating direct backbone access, the INAP Exchange greatly enhances the speed and reliability of traffic exchanged, promoting faster response times and Web interaction.

The INAP Exchange employs Gigabit Ethernet switching core and complimentary support infrastructure. We aren't going to make you buy floor space when all you need is a high speed Exchange port. With INAP, customers may connect and peer at speeds ranging from 10/100 Mbps (Fast Ethernet) to 10 Gbps (Gigabit Ethernet).

### **At the iNAP, we broke the mold**

We have worked with the largest and fastest speed networks in the world to provide our clients with the best in breed Exchange. Our customers will enjoy a high degree of care and customer service you may currently be missing. We strive for price competitiveness, while still providing the services you expect from a world class Data/Internet Exchange. Modeled after the highly acclaimed StarLight network, we have incorporated the survivable designs inherent in carrier networks to reach our clients, and save them the hassle of reaching us. Our Integrated NAP facility is unique, having a number of co-location facilities throughout the Chicago Metro where access can be obtained through a simple cross-connection.

Using Ethernet as our primary protocol, we can interconnect many different interfaces, while supporting the latest and best transmission medium.



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# iNAP customers can connect with the companies and organizations that reach the world's Internet networks without the need to buy all the extras.

## Multicast - Multilateral Peering (VLAN) - Public

- Fast Ethernet Port (10/100 Mbps) speed VLAN– Includes one cross connect to the iNAP Exchange switch fabric
- Gigabit Ethernet (1000 Mbps) speed VLAN– Includes one cross connect to the iNAP Exchange switch, and one control channel (10Mbps)
- 10 Gigabit Ethernet (10,000 Mbps) speed VLAN– Includes one cross connect to the iNAP Exchange switch and two 100 Mbps control channels

## Private VLAN (Required: Multicast Peering VLAN enabled)

- Defined as a bi-lateral peering relationship between two companies
- Each additional participant added to a Private VLAN session
- requires one Multicast Peering channel
- Port connections can be split, allocating bandwidth to Public and Private Peering (minimum of 10Mbps for Public Peering)
- Testing and Control channels are provided with virtually all connections

### Additional Resources

- Enrollment into iNAP's repository of peering contacts and policies by company
- Access to iNAP's Gigabit Peering Forum where industry leaders meet to discuss the various benefits and arrangements for peering at the iNAP
- Assistance from iNAP peering community to optimize peering arrangements

**GET OFF THE  
TOLLWAY AND  
ONTO THE  
EXPRESSWAY**



**BE PART OF THE  
FASTEST NEW  
FORM OF INTER-  
NET & DATA  
EXCHANGE**

### Requirements

Clients may need to secure transport services in order to reach an iNAP node. Participants must have a registered AS number to provide services above the L1 and L2 services provided by the iNAP.

### SLA

Uptime guarantee is 99.999% for individual ports