



## *DirectNet*

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*Be it as big as an Internet T3 line, or as small as a single DSL account, DirectNet Internet services provided by PenTeleData satisfy your organization's complex Internet connectivity requirements, offering the reliability and quality of service customers in Pennsylvania and New Jersey depend upon.*

For one reason or another, it's time for you to switch to PenTeleData for Internet service. Has your business simply outgrown your ISP? Is your provider's constant unreliability, downtime and poor quality of customer service hurting work productivity? Are you seeking a more reliable partner for all your information technology needs? Does your organization ask for services its Internet provider just can't deliver? Is your enterprise in search of a locally-based, comprehensive Internet and networking solutions provider that offers everything under one roof, from detailed security services to LAN and WAN design, fiber ATM to 100 Mbps EtherPoint connectivity? Look no further than PenTeleData's suite of dedicated high-speed DirectNet Internet services. Pennsylvania's oldest and largest provider of Internet and data transport services proudly stands behind DirectNet Internet - provided throughout the region.

### **What is DirectNet?**

DirectNet is the name PenTeleData has created that applies to its broad range of dedicated high-speed Internet services. DirectNet Internet offerings include PenTeleData's T1, Frame Relay, DSL, T3 and EtherPoint services. PenTeleData delivers these dependable dedicated DirectNet Internet services to educational institutions, health care providers, government and businesses throughout New Jersey and Pennsylvania.

### **EtherPoint**

"Exclusively offered by PenTeleData, EtherPoint delivers reliable, dedicated Internet connectivity that quickly links up separate campuses, satellite offices or remote locations," said Jeff Reinhard, General Manager.

First to be able to provide a new wide area technology that is scalable, PenTeleData's DirectNet EtherPoint is capable of transporting IP Internet traffic to any organization at varied high-speed rates. From a minimum EtherPoint speed of 512 kbps up to 100 Mbps per second, rather than having to purchase several T1's and trying to balance the data traffic across the network, connect to EtherPoint and receive all of the bandwidth your organization requires.

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*"PenTeleData's suite of dedicated DirectNet Internet services delivers the broadest and most comprehensive array of highspeed connectivity solutions throughout our coverage area."*

**Jeff Reinhard**  
*General Manager*  
**- PenTeleData**

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## DirectNet

All that is required to receive an Ethernet connection for PenTeleData's DirectNet EtherPoint service is a full-duplex plug. At the point of demarcation, the customer receives a standard Ethernet cable to plug into a PC, switch or router. EtherPoint is similar to a T1 point-to-point line plugging into the customer's router. What makes it better? Simpler equipment needs: It's simply Ethernet.

This easily scalable service offers graduated bandwidth, inexpensive hardware and works on dedicated, proven technology. When it's all said and done, only a piece of wire plugs you into EtherPoint speeds of up to 100 Mbps.

### Internet T1 & T3 Lines

PenTeleData's DirectNet suite of high-speed dedicated Internet services encompasses the true and tested standard T1 Internet line. Large files, Video Conferencing, E-Mail, ads, artwork and tons more will flow in and out of your office computers at lightning speeds.

A PenTeleData DirectNet T1 connection means the worldwide wait is over. Instead, the Web becomes a thing of beauty, delivering the Internet to your organization's computers up to 50 times faster than a standard dial up connection, 20 times faster than ISDN.

Even bigger, a PenTeleData DirectNet T3 is a leased-line connection to the Internet which can transfer data at 44.736 Mbps. It also supports video conferencing, full-screen and full-motion video.

PenTeleData's DirectNet T3 service provides you with the maximum amount of bandwidth around-the-clock for the most demanding Internet applications and access requirements. Point-to-Point service provides your entity with a dedicated, 24 hour-a-day link to the Internet.

Starting from speeds of a fractional T1 through a full OC-12, 622 Mbps DirectNet connection via ATM (Asynchronous Transfer Mode), PenTeleData's Point-to-Point service will link your business directly from your network to the Internet. Since you won't be sharing this circuit with anyone else, this type of connection provides your business with a guaranteed connection to our facility 24-hours-a-day.

Whether it is audio and video conferencing, file transfer or any kind of multi-user activity across your LAN, you will have the performance.

### Frame Relay

Another PenTeleData DirectNet service, Frame Relay is a packet-switching protocol for connecting devices on a Wide Area Network (WAN). You can think of Frame Relay as a service for customers who want connections at 56 kbps to T1 speeds.

Frame relay is often used to connect local area networks with major backbones as well as on public wide area networks and also in private network environments with leased lines over T1 lines. It requires a dedicated connection during the transmission period. It's not ideally suited for voice or video transmission, which requires a steady flow of transmissions. However, under certain circumstances, it is used for voice and video transmission.

PenTeleData's Frame Relay service is a popular solution for medium-sized entities that require constant high-speed access.

### DSL

Finally, PenTeleData features DirectNet DSL with download speeds as high as 1 Mbps -- that's up to 20 times faster than a regular 56 kbps modem. And since DSL is always on, access to the Internet is just a click away -- no more busy signals or waiting to connect.

A PenTeleData DSL connection will help you make the most of your time. The faster speeds allow you to send and receive files quickly. Since DSL technology can utilize your existing phone lines, it allows you to get the most return on your investment.

Whether you're a Commercial, Educational or a Healthcare Institution a dedicated PenTeleData DSL connection can provide fast, flexible and reliable Internet access.

## DirectNet Suite of High-Speed Services:

- EtherPoint
- T1 point-to-point
- T3
- Frame Relay
- DSL

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