

# Multi-Tenant EtherPoint

## Multi-Tenant EtherPoint

*Multi-Tenant EtherPoint is a customized PenTeleData service, designed as a property management solution for high-speed Internet. Built on the concept of a subscriber-based system, Multi-Tenant EtherPoint incorporates the rigid security requirements necessary to provide a management free system, while accommodating user flexibility. This Internet Distribution System provides increased revenue and tenant retention, without significant capital investment.*

### What is Multi-Tenant EtherPoint?

Multi-Tenant EtherPoint is an all-inclusive high-speed Internet access solution that can provide multiple users with individual connections to the Internet. It is an ideal opportunity to increase revenue for dormitories, apartment buildings, independent living facilities or any multi-tenant space that needs a managed solution to Internet access. In today's highly competitive market, amenities and convenience are important to tenants. Increased tenant retention can be achieved by providing reliable access to the Internet, a service that is not only expected, but often demanded.

By design, Multi-Tenant EtherPoint is intended to adapt to varying requirements, dependant upon building design and the number of subscribers. This system has been built from the ground up to accommodate both flexibility for the user and to meet the rigid requirements PenTeleData demands for security on our network. Each user is assigned an individual connection to the Internet and is managed from a designated location on the property. Similar to a residential broadband Internet connection, users receive a public IP address, ensuring compatibility with all Internet applications and all standard user-tracking methods necessary to identify malicious or unethical Internet usage.

PenTeleData feeds the site with an Internet feed from our redundant, 10 Gigabit/s, MPLS, Tier 1- connected backbone, with premium bandwidth from multiple well-known providers. This ensures connectivity inconsistencies do not occur, resulting in a fast and reliable Internet experience.

A PenTeleData demarcation point terminates at the ports on the switches located in specified wiring closets. It is then distributed to tenants via Ethernet or wireless 802.11 technology. Whether on wired or wireless connection, seamless 802.1x or web

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*“ PenTeleData’s  
Multi-Tenant EtherPoint is  
a cost-effective, customized  
property management  
Internet Solution designed  
for dormitories, apartment  
buildings or any  
multi-tenant space needing  
the ability to isolate  
security concerns.”*

**Jaime Mendes**  
Chief Administrative Officer  
- PenTeleData

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authentication is required before any device is allowed to talk to other users or the Internet. Each session is limited to 1.5 Mb/s x 128 kb/s. An alternate authentication can be used for devices that have a web interface or are 802.1x capable. PenTeleData utilizes special technology to accommodate users on a per MAC address basis. An X-Box, PS2, network printer, etc. can enjoy the same connectivity as a PC. Essentially, if the device has a MAC address, it can be used with this secure system. Each session initiated on the system utilizes one subscriber license, and there is a limit of two total simultaneous sessions per subscriber.

Multi-Tenant EtherPoint is a turnkey managed and maintained system that has been designed to work exclusively with the PenTeleData network. PenTeleData retains ownership of all equipment and components of the distribution system at all times in order to manage the network with maximum efficiency and ensure acceptable performance.

As is customary with all of PenTeleData's dedicated commercial services, our round-the-clock Network Control Center maintains 24 hours a day, 7 days a week monitoring of Multi-Tenant EtherPoint Service. Network usage is continually monitored, and in the unlikely event services are reaching their threshold, bandwidth can be easily increased.

End-User support is available through our 24 hours a day, 7 days a week Technical Support Center. Support is local, not someone outsourced across the country or around the world.

### For More Information

To learn how your company can take advantage of this and other industry leading technologies from PenTeleData, call us at 1-800-281-3564 or E-mail [prosales@ptd.net](mailto:prosales@ptd.net)

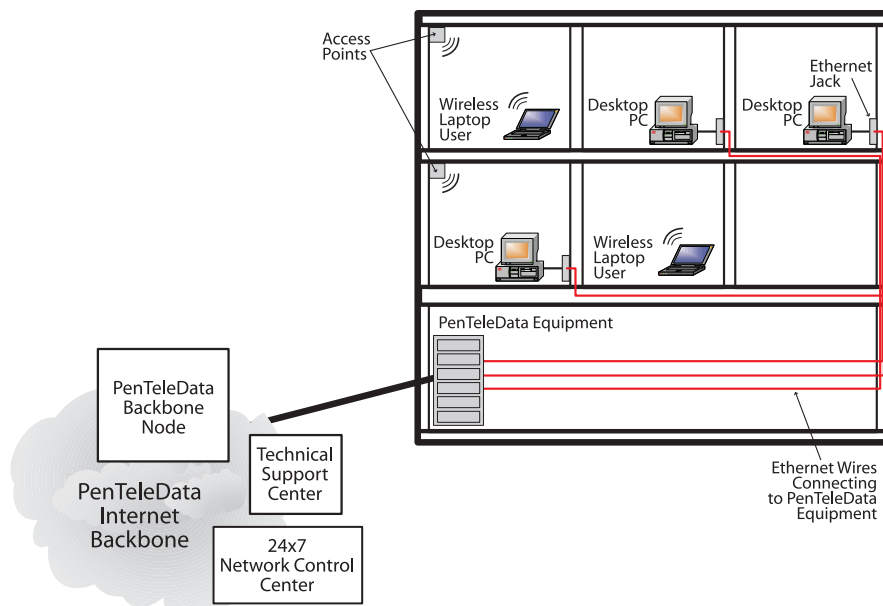
### Features:

- Subscriber Based system
- Each user is allowed two simultaneous logins
- Each user is presented with a real Internet IP
- Maintains rigid security requirements
- Fast and Reliable Internet Experience
- PenTeleData's 24/7 Network Control Center Support
- PenTeleData's 24/7 In-House Technical Support
- Online customer support
- Designed to adapt to varying requirements, including building design and number of subscribers
- Optional Wireless Access Points

### Benefits:

- Does not require a significant capital investment
- Ability to track users by IP Address, time and date to identify malicious or unethical users
- User Flexibility
- Increased Tenant Retention
- Redundancy - Internet from PenTeleData's redundant, 10 Gigabit/s, MPLS, Tier 1 connected backbone
- Scalability - bandwidth can be easily increased without need for extra equipment
- Additional revenue source

### Building Scenario with a Multi-Tenant EtherPoint Solution



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E-Mail: [prosales@ptd.net](mailto:prosales@ptd.net)

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