

Data Center

ALLENTOWN-TEKPARK

TierPoint helps your organization manage risk, drive performance and improve agility. Our state-of-the-art facility convenient to New York City and Philadelphia, is part of a nationwide network of data centers that share our commitment to:

1. Carrier Neutrality and Redundancy

By having many on-net carriers and by supporting cross connects to other carriers, you get access to the Internet bandwidth and connectivity services of your choice.

2. Security and Compliance

Equally important is a company-wide emphasis on security and compliance including the establishment of a national office to define and deploy best practices to serve client needs.

3. Responsiveness and Expertise

All of our data centers are supported by people who are passionate about client success, responsive to unique client requirements and who have the technical expertise and desire to help clients achieve their business goals.

DATA CENTER HIGHLIGHTS

- Located less than two hours from New York City and Philadelphia. Additionally, seven different TierPoint data centers are within 150 miles
- 90,000 square feet of raised floor potential
- Standalone, purpose-built, bored-to-bedrock foundation on a 137-acre, highly elevated campus
- Dual 69,000-volt utility source with 25MW total capacity
- Suspended walkways above the data center floor allow access to electrical and network equipment without interfering with client operations
- Fully redundant chiller plant including three 400-ton chillers with tertiary fail over to the central utility plant. Separate TierPoint infrastructure with 650-ton chiller expandable to 3,250 tons
- 12MW of N+1 generator backup power
- Independent A/B UPS and internal power distribution systems for optimal protection
- Dark fiber and private 10GB connectivity between facilities and to multiple, nationwide POPs via our gigabit Ethernet IP backbone

TierPoint's Allentown facility is a safe, secure facility audited under SSAE 18 Type 2 SOC 2, PCI-DSS¹, GLBA and HIPAA standards annually. ITAR and EU-US Privacy Shield registered.

¹PCI-DSS – Certification on PCI-DSS Requirement 9 & 12 (Physical Security and Information Security Policies) on data center (colocation) services. Colocation provides secure space, power, and environmental controls for merchants and service providers, some of which fall under PCI compliance. No logical access to any customer systems that may contain cardholder data.

Allentown-TekPark Data Center Specifications

Building Description

- 42,700 sq. ft. built space (90,000 sq. ft. potential)
- Purpose-built, bored-to-bedrock foundation
- Single story with concrete masonry and/or steel walls
- Energy efficient white roof

Data Center Space

- 13,500 sq. ft. of available space
- 36-inch raised floors
- 10-foot ceiling clearance
- Up to 350 watts/sq. ft. of raised floor

Power

- Dual utility feeds for redundancy
- Independent A/B UPS power protection
- Six 2MW generators in N+1 configuration for redundancy

Security

- 24x7x365 on-site personnel
- Dual factor, biometric access control
- Mantrap with card access system
- Live and recorded video surveillance
- Monitored open door and security breach alarms

Fire Suppression

- Data center grade fire detection systems
- Dry pipe, dual interlocked pre-action fire suppression systems
- Floor-to-deck fire barriers

Customer Facilities

- Meeting and conference rooms
- DR seats and private suites
- Secure shipping and receiving
- Free, secure parking

Network Connectivity

- TierPoint managed dark fiber
- Multiple, diverse fiber feeds
- Carrier neutral facilities with multiple Tier I providers
- Carrier neutral, high availability and resilient internet connectivity

HVAC and Environmentals

- Chilled water cooling in 2N configuration
- Dual chilled water plants for 2N redundancy
- Diverse loop entry chilled water piping
- Liebert CRAC units with under floor, variable speed fans

24x7x365 Support

- On-site operational management
- On-site remote hands and technical support
- On-site/on-call engineers and specialized personnel
- Local and remote real-time monitoring of over 30,000 data points
- Advanced network monitoring—SNMP and ICMP
- Real-time performance metrics via client portal and notification system

On-Net Carriers

- Level 3
- Lightower
- PEG Bandwidth
- PenTeleData
- Reliance Globalcom
- Service Electric
- Sidera Networks
- Sunesys
- Verizon
- Windstream
- Zayo



LEARN MORE

Find out how TierPoint can help you with your cloud, colocation and managed services initiatives.

Call: **844.267.3687**

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Visit: tierpoint.com



ABOUT TIERPOINT

A leading national provider of hybrid IT solutions, TierPoint helps organizations drive performance and manage risk. No U.S. provider comes close to matching TierPoint's unique combination of 5,000-plus clients; 40 data centers and 8 multi-tenant cloud pods coast to coast; and a comprehensive portfolio of cloud solutions, colocation, disaster recovery, security and other managed IT services. With white-glove customer service, TierPoint professionals customize and manage agile solutions that address each client's unique needs.