**tierpoint**

**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

- 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 two 650-ton chiller expandable to 3,250 tons

- 12MW of N+1 generator backup power

- Independent A/B UPS and internal power distribution systems, including distributed overhead busway, 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 SOC 2 Type II, PCI-DSS\*, GLBA and HIPAA standards annually. ITAR and EU-US Privacy Shield registered.**

# Allentown-TekPark Data Center Specifications

## Building Description

- 122,400 total sq. ft. with 29,300 sq. ft. gross raised floor space
- Purpose-built, bored-to-bedrock foundation
- Single story with concrete masonry and/or steel walls
- Energy efficient white roof
- 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
- Unique overhead 2N busway deployment in data center.

## 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 1 providers
- Carrier neutral, high availability and resilient internet connectivity

## HVAC and Environmentals

- Chilled water cooling in N+1 configuration
- Dual chilled water plants for N+1 redundancy
- Diverse loop entry chilled water piping
- Liebert CRAC units with under floor, variable speed fans, in-row cooling technology and AI software control.

## 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

- AT&T
- CenturyLink
- Crown Castle
- PEG Bandwidth
- PenTeleData
- Reliance Globalcom
- Service Electric
- Verizon
- Windstream
- Zayo

## LEARN MORE

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

Call: **844.267.3687**

E-mail: **sales@tierpoint.com**

Visit: **tierpoint.com**

## ABOUT TIERPOINT

With a unique combination of secure, connected data center and cloud solutions at the edge of the internet, TierPoint specializes in meeting enterprises where they are on their journey to IT transformation. TierPoint has one of the largest customer bases in the industry, with approximately 5,000 clients ranging from the public to private sectors, from small businesses to Fortune 500 enterprises. TierPoint also has one of the largest and most geographically diversified footprints in the nation, with over 40 world-class, edge capable data centers in 20 markets and 8 multi-tenant cloud pods, connected by a coast-to-coast network. Led by a proven management team, TierPoint's highly experienced IT professionals offer a comprehensive solution portfolio of private, multitenant, hyperscale, and hybrid cloud, plus colocation, disaster recovery, security and other managed IT services.