



ASHBURN DATA CENTER

21701 Filigree Ct., Bldg. D Ashburn, VA 20147



Carpathia Hosting is a leading provider of enterprise managed hosting services, supporting a worldwide customer base, including government agencies, large enterprises and small-to-medium businesses in data centers across the United States and Canada.

Carpathia Hosting's Ashburn datacenter serves as a reliable and secure destination for the world's most powerful networks and companies. The Ashburn datacenter is situated in a campus environment, offering a full range of premium colocation, interconnection and support services to a wide range of networks, enterprise, content companies and financial institutions. Due to the area's strategic importance as the Eastern hub of traffic exchange to the US., this DC-metro datacenter is one of the largest Internet exchange points in the world.

HIGHLIGHTS

ELECTRICAL

- 4kW Cabinets and 6kW cabinets available
- UPS Configuration: 6,560 kW/7,289 KVA UPS supportable loads (N+1); block redundant system with (5+1) electrical bus
- 6 power transformers
- Utility voltage = 34.5 kV
- Standby power configuration: N+1 block redundant

EXTERIOR SECURITY

- All points of ingress/egress are monitored by an intrusion detection system
- Security cameras are located around the perimeter of the building monitoring the outside of the building and roof
- Access points at the facility entrance are monitored and controlled by an access control subsystem that uses hand geometry readers interfaced with the security database
- Authorized users are entered into the system and access events are archived for a period of time

FIRE PROTECTION

- VESDA smoke detection system
- Fire suppression is provided by a multi-zoned, double-interlocked, pre-action dry-pipe system

COOLING

- Cooling plant – split system, direct expansion, air cooled
- Air conditioning is provided by means of a hydronic chilled water closed loop system, feeding multiple central stationtype air handling units
- Five 650-ton water-cooled Carrier chilled water units
- There are five primary chilled water pumps and three secondary chilled water pumps, with both primary and secondary loops having one redundant pump
- 21 Racan air handling units supplying conditioned air
- At full load, can move 1,000,000 cubic feet of air/minute

INTERCONNECTION OPTIONS

- Diverse fiber vaults are located at either end of the facility to provide primary and protected fiber paths
- Fiber vault is concrete-reinforced to prevent fiber cuts
- Vaults are monitored for any unauthorized access
- Overhead proprietary cable tray system with multi-tier ladder rack
- Cross-connects available: single mode fiber; multi-mode fiber; CAT5; CAT6; CAT5(T1); CAT3(POTS)
- Video monitoring of all overhead cabling

Carpathia Hosting is a leading provider of managed hosting services, delivering secure, reliable and compliant IT infrastructure and management for some of the world's most demanding enterprises and federal agencies. Founded in 2003, Carpathia is a growing, profitable business run by a seasoned management team with deep experience in delivering enterprise hosting solutions including colocation, managed services and cloud computing. Carpathia's suite of services is designed for organizations seeking scalable, secure, robust and enterprise-grade hosting solutions that can be quickly provisioned or tailored to meet unique requirements. Backed by its E3 Promise, Carpathia consistently delivers an experience that exceeds customers' expectations. Carpathia qualifies as a small business. Contact Carpathia at 1.888.200.9494, or visit www.carpathia.com for more information. References to other products are made to show compatibility. All companies and/or products mentioned in this document are registered or trademarked by their respective organizations. The inclusion of third party products does not infer endorsement by these parties, unless otherwise noted.