



# Ashburn, VA Data Center

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 21721 Filigree Court  
Ashburn, VA 20147

This data center, located in the Washington, D.C. area, is an Equinix facility that serves as a strategic communication hub for the eastern United States. It is part of a network of data centers that serves as a major communications gateway to Europe and the largest peering point in North America. It is also home to one of three GRX peering locations in the world. A green facility, granular temperature controls, cold aisle containment, reflective roof, LEDs and optimized lighting controls, greywater use in irrigation and cooling, and leverages renewable wind energy to achieve Leed Silver standards. As with all of Lightedge's facilities, our Ashburn data center is audited for compliance with HIPAA/ HITECH, PCI DSS, HITRUST, SSAE 18 SOC 1\* SOC 2, FISMA-Moderates, ISO/ IEC 27001, FERPA, and Canada Bill 198 among other standards.

## Specifications

**>99.9999%**  
Uptime

**190**  
Network Providers

**N+1**  
Power Redundancy

**116,835 Square Feet**  
Data Center

**4.0 – 6.0 kVA**  
Per Cabinet Power & Cooling  
Density

**9x 2,500 kW**  
Diesel Generators Standby  
Power Configuration

## Connectivity

- On-net connectivity to AWS and Microsoft Azure
- Proven record for growth in colocation, network density and interconnectivity with room for expansion
- Proximity to high concentrations of IT, telecommunications, biotechnology, federal government, and international organizations in the D.C. area
- Retail and wholesale colocation options provide customers with flexibility in colocation options and cost

## Security

- 24/7 on-site security officers
- Biometric readers
- On-site security guards 24x7
- CCTV
- Fiber vault
- Motion detection
- Person-trap entry
- Surveillance with 30-day retention

## Advanced Network

Our network provides a modern, flexible, and scalable infrastructure spanning multiple data centers nationwide. Built with the latest Cisco Technology, the Lightedge network provides automatic failover capabilities and built-in redundancy, ensuring applications and services always remain available. Together, our networking experts and core technology can quickly adapt to changing business needs and requirements.

## Flexible Private Backbone

- Architected a robust, reliable, and secure private MPLS backbone between all facilities
- Multiple paths in/out of each geography with diverse paths to mitigate the risk associated with the carrier hotels
- Provide multiple service types including Layer 2 and Layer 3 services providing more control and flexibility for your DR needs

## Always on Blended Internet

- We blend 10+ carriers nationwide over a redundant MPLS backbone
- Peer with multiple internet exchange partners to reduce network hops, latency, and congestion

## Edge Networking

- Integrates with multiple network service providers to provide dedicated, private, and secure access to public cloud providers and SaaS services
- Our robust ecosystem of partners can reduce the complexity involved with mutlicloud and edge networking. This includes remote office and wide area network connections

## Data Center Locations

Kansas City, Missouri  
Lenexa, Kansas  
Des Moines, Iowa  
Omaha, Nebraska  
Austin, Texas  
Phoenix, Arizona  
San Diego, California  
Minneapolis, Minnesota  
Omaha, NE  
Phoenix, AZ  
San Diego, CA  
St. Louis, MO  
Amsterdam, NL

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Contact us today to see how we help light the way to business breakthroughs.

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