

# Ashburn VA7 Data Center

Ashburn, Virginia is the top data center market in the world, containing one of the largest fiber carrier densities around. VA7, located on our **224MW campus**, offers data center solutions for deployments of all sizes.

## Data center space

- 125,000 sq. ft. data floor space
- Six 6MW vaults
- Two-story building
- Class A office space available

## Power

- Total critical IT load: 36MW
- N+1 redundancy for each vault
- Four (4) x 2MW UPS modules for every 6MW capacity
- Diverse dual-corded power distribution
- Generators with on-site fuel storage to support 24 hours run time at full load with 24x7x365 fuel delivery
- Power densities available up to 22kW per rack
- Renewable energy options available

## Cooling

- Air-cooled chillers with airside economizers
- Fan coil wall cooling design with hot aisle containment and N+1 redundancy in the vault
- Dedicated modular chiller plant designed with a closed loop water cooling system for additional efficiency
- Slab floor construction

## Fire protection

- Aspiration Air Sampling Smoke Detection (ASSD) system enabling fast detection, response and mitigation before it's visible to the naked eye
- Dual interlocked nitrogen filled preaction dry pipe fire suppression system for vault areas

## Security

- 24x7x365 Security and Operations team
- Fenced campus with centralized, electronic access control system
- 100+ real-time security feeds using pattern-based technology
- Multi-factor authentication throughout the facility
- Secure managed delivery and loading area 24x7x365

## Connectivity

- Carrier-neutral
- Three diverse fiber entry points
- Two Meet-Me-Rooms
- Network dense with access to many global and regional carriers and ISPs offering dark and lit services
- Access to multiple leading public, private, and hybrid cloud providers



## Additional data center services

- Remote hands and eyes
- Fit-out and deployment
- Class A office space
- Dedicated long-term storage

## Certifications and compliance

### Compliance

- SOC1 and SOC2 Type II
- ISO 27001
- PCI DSS
- NIST 800-53 High
- HIPAA

### Sustainability

- LEED certified

## Data center products

- Customizable cages
- Private suites
- Dedicated vaults

## Ashburn campus highlights



**Design:** Our Ashburn campus features seven data centers over two campus locations. At full build-out the campus will offer 224MW of critical IT load and 970,000 sq. ft. of data floor space.



**Security:** The campus utilizes the Avigilon H4 Fisheye Camera line that offers a high-resolution, 360-degree view of the data center and provides real-time alerts to our in-house security team using pattern-based technology.



**Client amenities:** Our Ashburn data centers offer several client amenities including conference rooms, hoteling stations, break room, crash carts, rack and server lifts, and free Wi-Fi.



## Locations in Ashburn

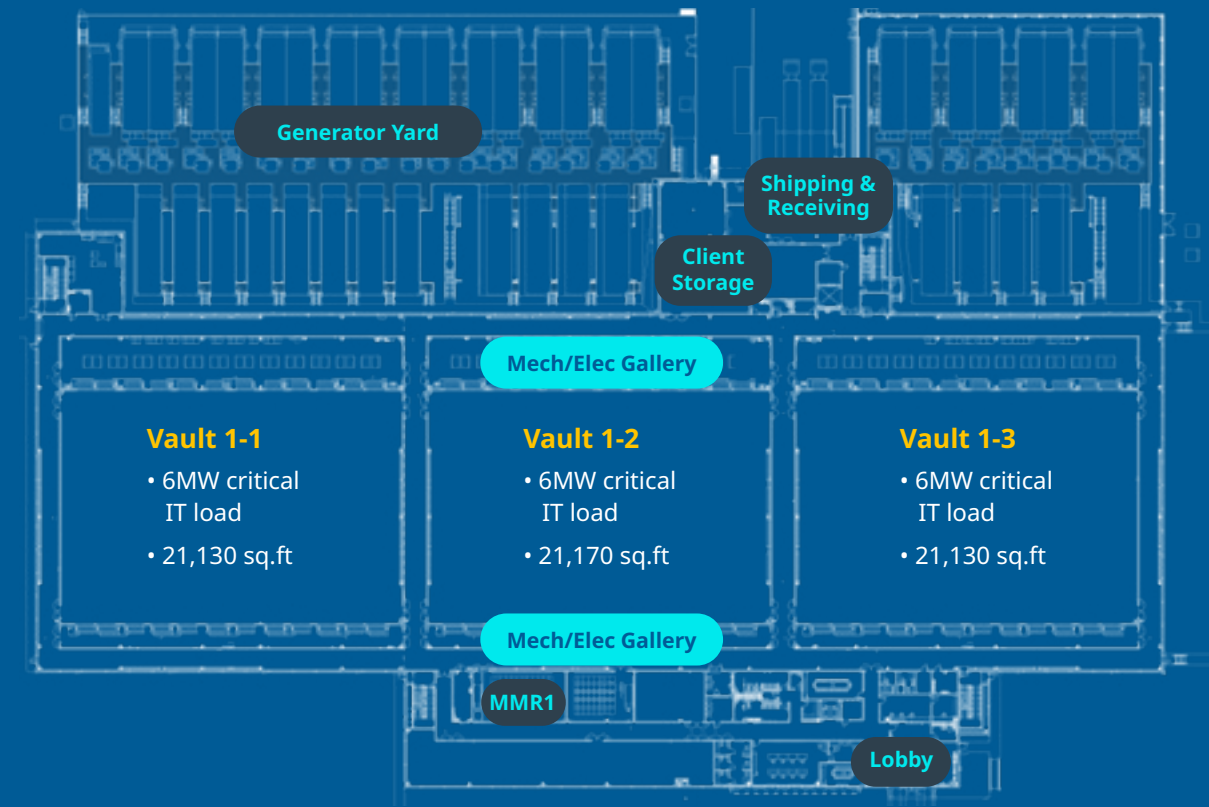
### Address and contact

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NTT Global Data Centers Americas,  
44371 Gigabit Plaza, Ashburn,  
VA 20147 United States

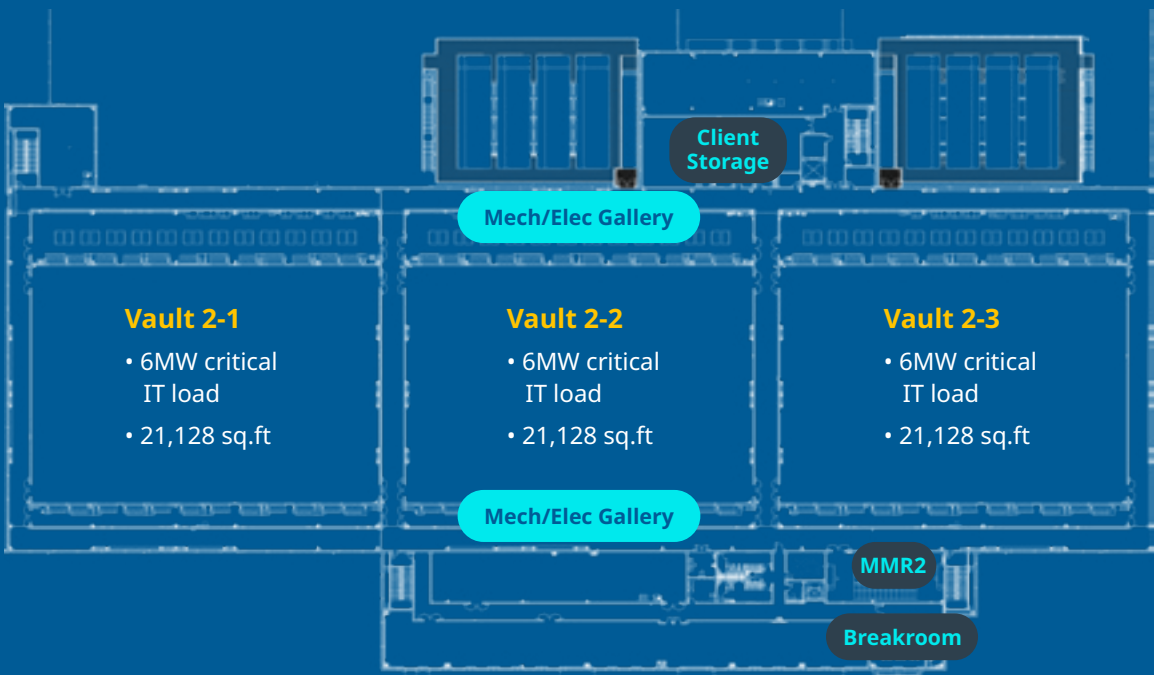
T: 916-286-3000

Ashburn VA7 Layout

Floor 1



Floor 2



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