



UNITED STATES

# Ashburn VA4 Data Center

Ashburn, Virginia is the top data center market in the world, containing one of the largest fiber carrier densities around. VA4 is the **fourth of nine data centers** on our 224MW campus, offering data center solutions from cabinets to build-to-suit facilities for deployments of all sizes.

## Data center space

- 140,000 sq. ft. data floor space
- Four 8MW vaults
- Two-story building
- Class A office space available

## Power

- Total critical IT load: 32MW
- N+1 redundancy for each vault
- Five (5) x 2MW UPS modules for every 8MW capacity
- Dual-corded power distribution
- Diverse power distribution to the data vault (A and B feeds)
- 24-hour fuel storage capacity
- 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

## Fire protection

- Dual interlocked nitrogen filled pre-action dry pipe fire suppression system
- Aspiration Smoke Detection (ASD) system enabling fast detection, response and mitigation

## Security

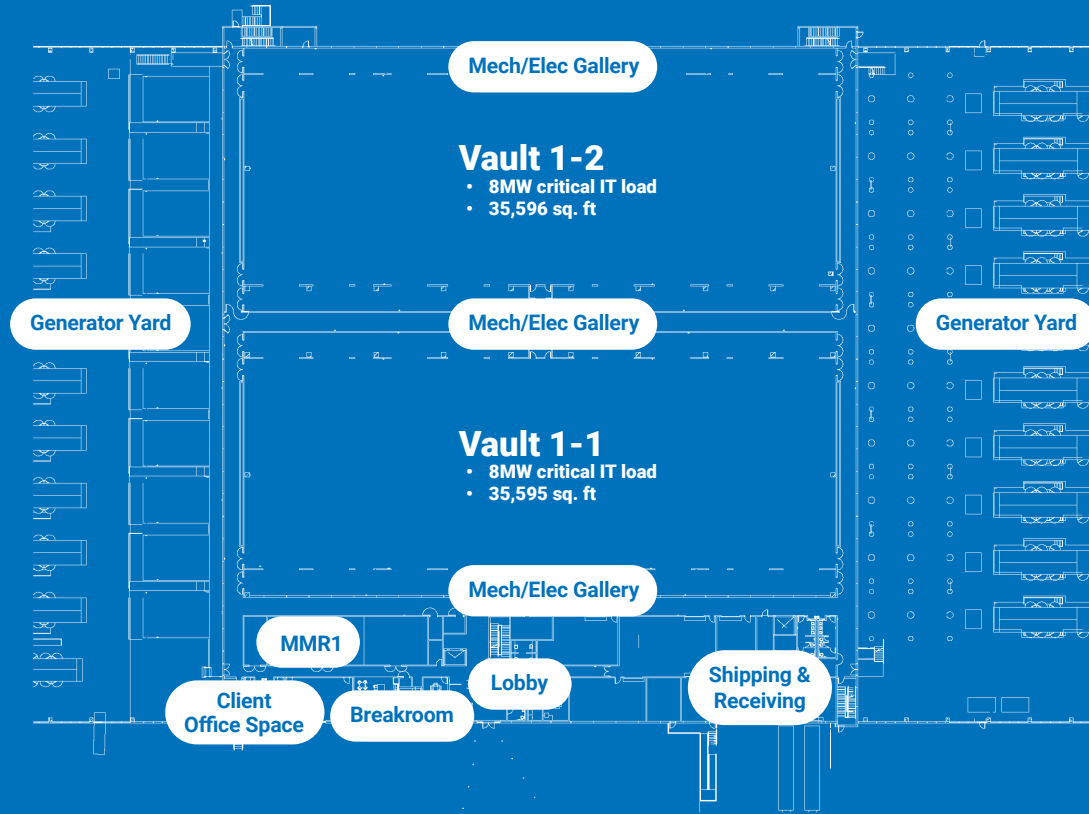
- 24x7x365 Security and Operations team
- Fenced campus with centralized, electronic access control system
- 100+ real-time security feeds using pattern-based technology
- Multi-factor authentication throughout the facility
- Secure managed delivery and loading area 24x7x365

## Connectivity

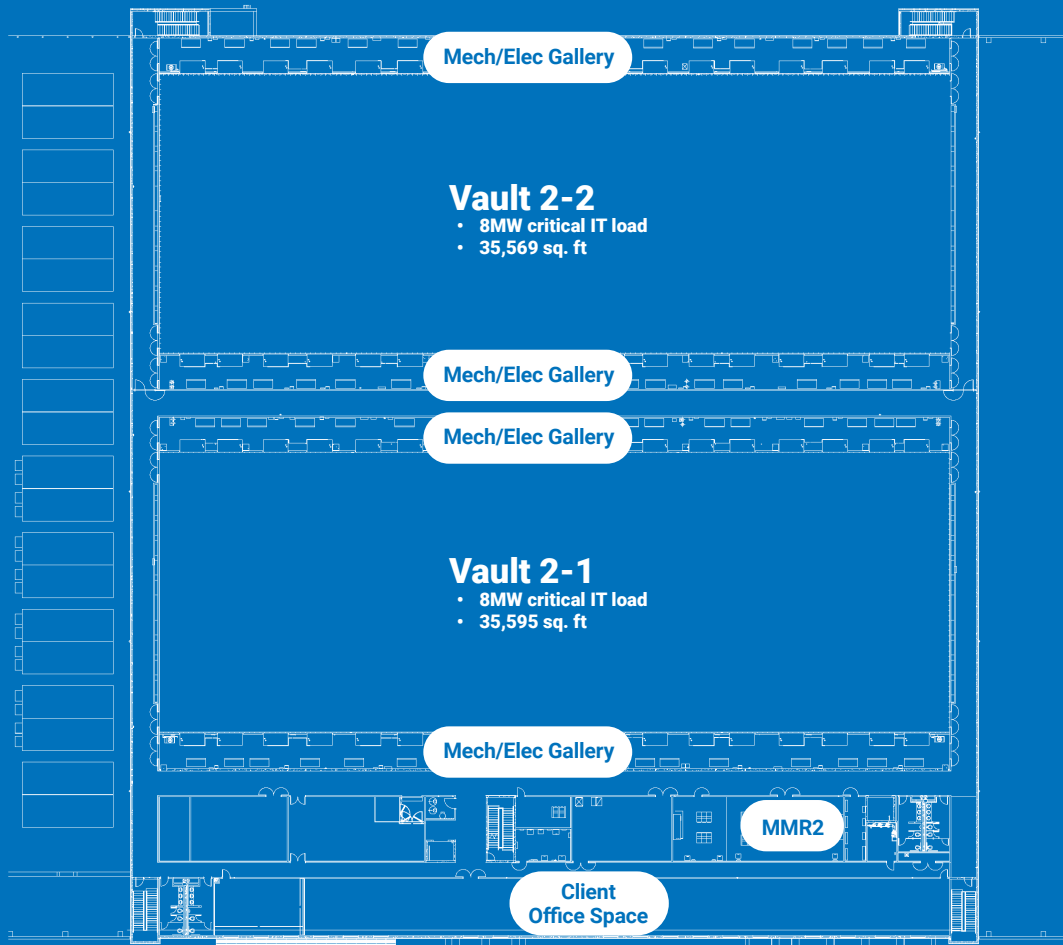
- Carrier-neutral
- Three diverse fiber entry points
- Two Meet-Me-Rooms
- Network dense with access to many global and regional carriers and ISPs offering dark and lit services
- Access to multiple leading public, private, and hybrid cloud providers



Floor 1



Floor 2



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