

UNITED STATES

Chicago CH3 Data Center

Offering low-cost power, substantial tax incentives, and low latency to both U.S. coasts, Chicago is a **top data center market** in the Midwest. Our Chicago campus features a planned capacity of 200+MW and offers solutions for clients of all sizes.

Data center space

- 112,000 sq. ft. data floor space
- Four 8MW vaults
- Three-story building
- Class A office space available

Power

- Total critical IT load: 32MW
- Two primary 34.5kV utility feeds, each rated at 60 MVA
- N+1 distributed redundancy for each vault
- Five (5) x 2MW UPS modules for every 8MW 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 Smoke Detection (ASD) 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
- Ability to access 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

- Designed for LEED Certification
- Designed for power and water efficiency

Data center products

- Private suites
- Dedicated vaults

Chicago CH3 highlights



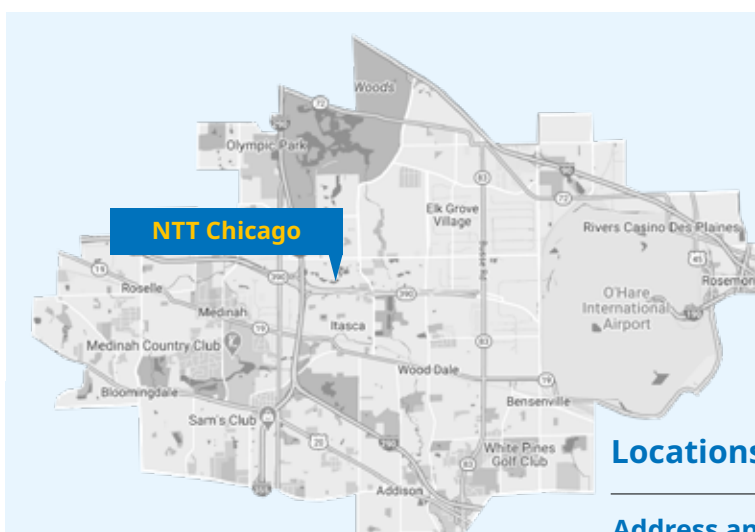
Design: CH3 was designed with a reinforced concrete slab floor that increases floor loading and variable rack densities. All doors in the data center are 10-ft. from arrival to vault allowing for unencumbered movements throughout the facility.



100+ security feeds: CH3 utilizes the Avigilon H4 Fisheye Camera line that offers a high-resolution, 360-degree view of the data center and provides realtime alerts to our in-house security team using pattern-based technology.



Client amenities: CH3 offers several client amenities including conference rooms, hoteling stations, break room, crash carts, rack and server lifts, and free Wi-Fi.



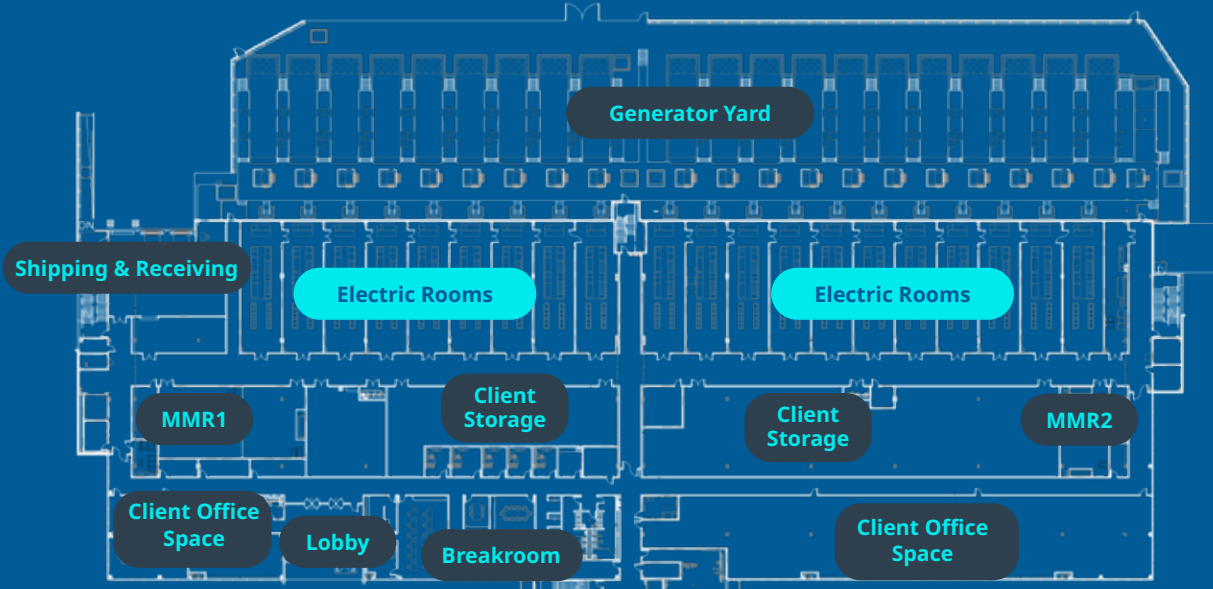
Locations in Chicago

Address and contact

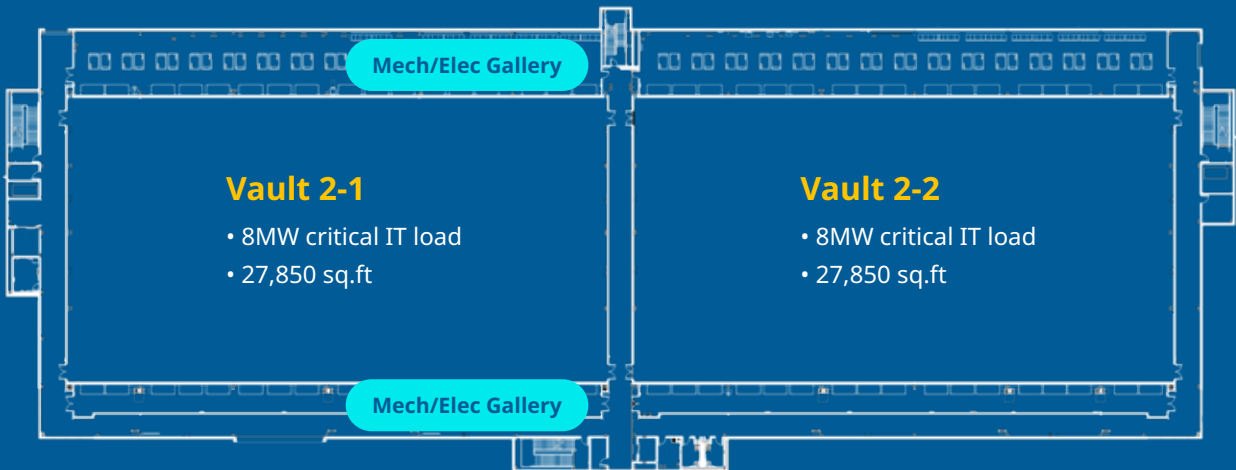
Chicago CH3 Data Center
NTT Global Data Centers Americas
235 Pierce Road
Itasca, IL 60143
United States

T: 916-286-3000

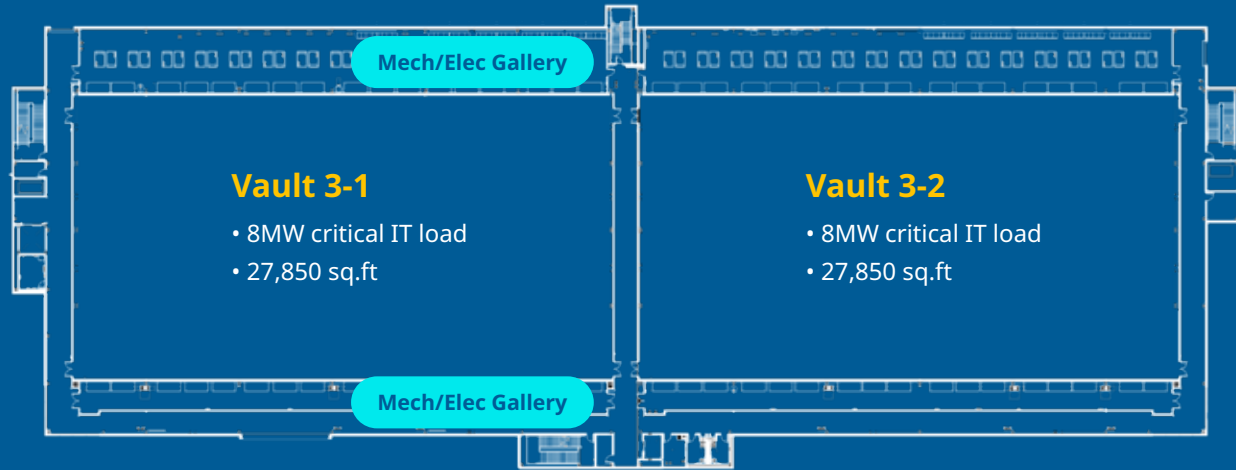
Floor 1



Floor 2



Floor 3



All rights reserved. The information in this fact sheet contains only general descriptions which may not apply for each individual case or may change as products and services levels are adapted to new technological development. The required service elements are only binding when explicitly stated in a service contract. Technical specifications may be subject to alterations.

