CoreSite's CH2 location is the first purpose-built data center in downtown Chicago. It's also one of the most interconnected data centers in the downtown area, supporting customers' high-density requirements and enabling connection to cloud, network and IT providers needed to accelerate digital transformation and meet hybrid and multi cloud demands.

Our modern CH2 data center space of more than 169,000 square feet and 18 MW is ready for custom build-outs, supported with state-of-the-art mechanical and electrical infrastructure, 24x7x365 security, field operations, remote hands and customer service. The roof access at CH2 provides line of sight across downtown Chicago and optimized connectivity access is achieved through the three separate, diverse fiber entry routes into the data center.

CH2 also has sustainability focused construction features and was recognized as an Energy Star building. New and existing customers at CH2 can take advantage of the Illinois sales tax incentive which offers a 10.25% savings on the purchase of equipment and software to participating customers.

To learn more about interconnection opportunities in Chicago, visit our website [here](https://CoreSite.com).
**CH2 Technical Specifications**

### BUILDING

**Space**
- Colocation Space: 169,000 square feet

**Deployments**
- Partial cabinets, full cabinets, cages, private suites and build-to-suit
- Rooftop space available

**Power Availability**
- AC and DC

**Fitout**
- Powered shell, infrastructure shell, and turn-key

### FACILITIES

**Security**
- Access: Key cards, biometric scanners
- Controlled data center access
- Cameras: Perimeter and interior IP-DVR
- Security Officers: 24x7x365 security qualified personnel

**Structure**
- Elevators: Passenger: 5'10" w x 9'10" d x 9'6" h (5,200 lbs.)
  - Freight: 7'8" w x 13'5" d x 9'0" h (10,000 lbs.)
- Loading Dock: Sheltered exterior
  - 4' loading dock with leveler
- Hardened Exterior: Building designed to withstand 75 MPH wind
- Column Spacing: 33' x 42'

**Floor**
- Floor Type: Slab loading: 175 lbs/sq.ft
- Raised floor loading: 1250 lbs per tile
- Clear Height: 11' above 36" raised floor

### PRODUCTS AND SERVICES

**Interconnection**
- Peering Exchanges: Any2Exchange® for Internet peering and
  - AMS-IX Chicago, United IX Chicago and DE-CIX
- Diversity: Diverse POEs, MDFs and IDF
- Carrier Availability: See our carrier list located at CoreSite.com/carrier-list
- Cross Connects: Fiber, copper and coaxial

**Colocation**
- Partial Cabinets
- Full Cabinets
- Cages
- Private Suites and Build-to-Suit
- AC Power Circuits
- DC Power Circuits
- Antenna

**Services**
- Open Cloud Exchange®
- Interconnect Gateway
- Public Cloud Providers
- Additional Cloud Services

**Compliance Certifications**
- SOC 1 Type 2, SOC 2 Type 2, ISO 27001, NIST 800-53, PCI DSS, HIPAA

**Cooling**
- Variable speed CRAHs with humidification control

**Chiller**
- Magnetic bearing chillers with water-side economization

**Electrical**
- High-efficiency UPS systems

**Life Safety**
- Dual-interlock pre-action dry-pipe sprinkler system

**Monitoring**
- RF Code readers for pin-point accuracy of temperature and humidity within customer deployments

**Utilities**
- Diverse underground utility feeds from ComEd’s high-reliability downtown electrical grid

**Generators**
- N+2 redundancy

**Operations**
- 24x7x365 remote hands

**Uptime**
- 100% uptime SLA

**Fuel Storage**
- 24 hours, on-site

**Water Storage**
- 12 hours, on-site

**UPS/PDU/RPP**
- UPS: 4 to Make 3 Distributed Redundant, PDU/RPP 2N

**Mechanical**
- N+1 redundancy on chillers
- N+2, CRAHs and N+1 chilled water pumping

**BMS Controls**
- State-of-the-art mission-critical controls and monitoring