



## CHICAGO DATA CENTER SPECIFICATIONS

### CHICAGO Data Center

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#### Digital Fortress Chicago Data Center

Digital Fortress acquired a new facility in Chicago, Illinois which is available for immediate occupancy with 8MW of available power on an N+1 concurrently maintainable configuration.

The 110,000 sq. ft. facility has 17,000 sq. ft. of raised floor space, available as private cages or suites.

The Chicago location serves the greater region out of Lombard, Illinois, and the property benefits from the excellent industrial electricity rates that Illinois offers.



#### Quick Facts

- Tier III 2N and N+1 design in all critical systems
- 6 MW of diesel generator power expandable to 10MW
- Diverse utility power

#### Amenities

- Office space and conference rooms
- Full-size loading dock
- Customer touch-down area
- Wireless services
- Common kitchen and restrooms
- 24/7 NOC
- Parking available



# CHICAGO DATA CENTER SPECIFICATIONS

## BUILDING

### Space

Data center 110,000 sq. ft. facility  
17,000 sq. ft. raised floor

Building Type Multi-floor design

Structural steel construction

Commercial space purpose built for data centers

## FACILITIES

Power density 8 MW loop feed

Battery room VRLA Batteries for stored power

Generators 6 MW of diesel generator power  
expandable to 10MW

Power configuration N+1 uninterruptible supply

UPS configuration 2N concurrently maintainable

Cooling 900 tons of CHW cooling

Fuel 8,000 gallons on site  
24 hours of runtime at full load

## SECURITY

- 24/7 NOC Technicians
- 24/7 monitoring
- 24/7 key card access
- 24/7 camera surveillance and 90 day video retention
- On-site security
- On-site engineers
- CCTV with closed circuit monitoring in all NOCS

## FIRE SUPPRESSION

- VESDA smoke detection
- FM-200 clean agent gas suppression fire system
- Pre-action dry pipe fire suppression in data center
- Monitoring with threshold SLA notifications
- HI-FOG

## CAPABILITIES

- Dedicated cabinets
- Dedicated cages
- Dedicated suites

## COOLING

- N+1 cooling redundancy
- Hot/cold aisle containment
- 900 tons of CHW cooling

## ELECTRICAL DISTRIBUTION

### 2 SYSTEMS EACH

- 8 MW capacity
- AC and DC protected power
- 4 diesel generators total 6 MW
- True "A" and "B" UPS
- High density cabinets up to 14 kW

## NETWORK CONNECTIVITY

- Controlled, carrier neutral Meet-Me-Room
- Diverse selection of Tier I and Tier II providers
- Fully meshed BGP network with IPv4 and IPv6 available
- Multiple 10 Gig-E connections
- Direct connections to regional and global carriers with a pop in 350 E. Cermack
- Private 10G dark fiber ring to 350 E. Cermack
- Diverse fiber entry points and fiber risers
- Carriers: AT&T, Crown Castle, Verizon, and Zayo

## DESIGN & COMPLIANCE

- Type II SOC1 & SOC2, HIPAA and PCI compliant
- Diesel generators load bank tested annually
- Tier III 2N and N+1 design in all critical systems
- Site has a redundant hydronic loop
- Annual sampling and inspection of all diesel fuel for generator tanks
- Slab on grade, concrete and 24" raised floor with underfloor leak and smoke detection
- Antenna roof rights available
- Full size loading dock with easy data center access
- Raised floor load 1250 PSF
- Walls: Exterior - cast concrete  
Interior - commercial framing and drywall