

FORSYTHE DATA CENTERS®



SPECIFICATIONS

PROPERTY & BUILDING

Location: Elk Grove Village, IL

Acreege: 14.3

Building Size: 221,000 ft²

Structural Rating: 190 mph

Parking Spaces: 108

Flood Zone: Zone X (Outside 500 and 100 year flood zone)

Seismic Zone: Zone 0 (Lowest risk zone)

Number of Stories:

1+ 13,000 ft² office mezzanine for customizable private client office space

Loading Dock:

Two interior and secure semi-truck bays with dock levelers and one interior van loading bay

TRANSPORTATION & ACCESS

- 7.5 miles Chicago O'Hare International Airport (ORD)

- 1.3 miles to Interstate-90 Expressway

- 3.6 miles to Interstate-290 Expressway

PHYSICAL SECURITY

Building and perimeter: Fully monitored by CCTV and guard patrol

On-site security: 24/7

Video retention: CCTV minimum 90-day video retention

Access control:

- Minimum 6 security checkpoints to client Suite

- Card key access

- 2-factor biometric authentication

- Mantraps

FIRE PROTECTION

Fire Detection: VESDA

Fire Suppression: Dual-interlock dry-pipe pre-action sprinkler system

AMENITIES

- 6 Conference rooms accommodating from 4 to 40 people

- 2 Private showers

- Kitchenette

DATA CENTER

Suite compute space: 93,520 ft²

Number of data center Suites: 56 - 168

Suite size: 300 ft² - 4,000 ft²

Critical power capacities: 50kW - 1.2MW

Raised floor height: 30 inches

Ceiling height (top of raised floor to bottom of dropped ceiling): 12 feet

INDIVIDUAL CABINET ROOM

Size: 4,100 ft²

Cabinets: 89

Critical power: 5kW / Cabinet

POWER

Total Megawatts: 30MW

Utility power delivery: 34.5kW

GENERATORS

Diesel engine generators: 18 - 2.25MW

Redundancy: N+3

Fuel: 72,000 gallons

Fuel suppliers: 2 contracted

UPS

Total UPS Systems: 114

UPS Redundancy: 2N per Suite

Batteries: VRLA & Li-Ion

COOLING

Total CRAC Systems: 172 Ultra-efficient DSE pumped refrigerant

CRAC Redundancy: N+1 per Suite

COMMUNICATIONS

POE: 2 separate and redundant Points of Entry (POE) with diverse underground duct banks

MMR: 2 separate and redundant Meet Me Rooms (MMR)

NETWORK PROVIDERS

Carrier neutral

Multiple carriers

Dual-diverse dark fiber data transport to 350 E. Cermak (downtown Chicago)

CERTIFICATIONS

Uptime Institute Tier III Certification for Design Documents

Uptime Institute Tier III Certification for Constructed Facility

ISO 27001

ISO 9001

USGBC LEED - Gold

SOC II / Type I

REV 04/16