1400 East Devon Ave

ELK GROVE VILLAGE, ILLINOIS

DIGITAL REALTY

Why 1400 East Devon Avenue?

Welcome to the latest addition to Digital Realty's Chicago campus. 1400 East Devon Avenue is located on more than 12 acres, just a few miles west of downtown—expanding the benefits and conveniences afforded by our two standard-setting data centers located nearby.

The numbers tell an impressive story: With 305,000 gross square feet and a critical load totaling 30.6 megawatts, 1400 East Devon Avenue delivers the ultimate in data center performance, reliability and energy efficiency. Varied room sizes and load densities suit a wide range of users—including some of the world's most demanding Fortune 500 enterprises and tech industry leaders.

Building

- 30.6 MW
- 305,000 SF
- 12.24 acres

Power & Cooling

- Design PUE range of 1.15 - 1.20 at full capacity annualized
- N+1 redundancy for all building systems at full capacity
- Scalable and flexible densities ranging from 1,000 kW to 2,000 kW of critical IT capacity in each computer room

Flexibility

- Slab floor for increased weight capacity
- PDUs housed off the computer room floor for added usable square footage
- Dashboard technology for monitoring your data center infrastructure

Security

- 24 x 7 x 365 security officers
- CCTV surveillance cameras
- Two-factor authentication and biometrics access
- Gallery wall options for increased security profiles

Connectivity

- Carrier-neutral
- Four separate network Points of Entry (POE) with diverse underground duct banks
- Meet-Me-Room (MMR) available
- Dark fiber available on campus

MEZZANINE LEVEL

EG ROOMS

MECHANICAL PLANT | UPS | EG ROOM

UPS UPS UPS UPS UPS | CR10 CR11 CR12 CR13

CR6 CR7 CR8 CR9

UPS UPS UPS UPS

POE

POE

CR5 CR4 CR3 CR2 CR1

MMR NOC
POE
ADMINISTRATIVE
CONFERENCE ROOM
FUTURE OFFICES & STAGING
CUSTOMER STAGING ROOMS

POE
CR17 CR16 CR15 CR14

CUSTOMER OFFICES

RECEIVING DOCK

GROUND LEVEL

SECURITY OPERATIONS CENTER | MAIN ENTRANCE | CONFERENCE ROOM | FUTURE OFFICES | FUTURE OFFICES

PDU CLOSETS

CRAH

TYPICAL COMPUTER ROOM
(352 2'x4' CABINETS SHOWN)

Facility Specs

Property
- Location: Elk Grove Village, IL
- Acreage: 12.24
- Building Size: 305,000 SF
- Nearest Airport: Chicago O'Hare International (ORD)

Building Description
- Utility Power: 34.5 kV
- Parking: 89 spaces
- Number of Stories: One, plus engine-generator mezzanine
- Loading Docks: Four dock bays; two with levelers, one with scissor lift

Computer Room Specifications
- Computer Room Size: 8,750 SF
- Critical Power Capacity:
- 1,000 kW—2,000 kW (1,800 kW standard)
- Containment: Required

Data Center Area Description
- Computer Room Floor: 148,750 SF
- Number of Computer Rooms: 17
- Raised-Floor Height: N/A (slab floor)
- Computer Room Floor-to-Ceiling Height: 13'

Amenities
- Office: 13 pre-constructed offices, with flexible space for custom requirements
- Staging: 11 rooms

- Miscellaneous: Wi-Fi, conference rooms, break room and shower room with lockers

Security
- Building and Perimeter: Fully monitored by CCTV cameras and security officer patrols
- Security Officers: 24 x 7 x 365
- Access Control: Electronic security features with access card entry and dual authentication with biometric readers
- CCTV: Yes (minimum 95-day video retention)

Critical Power
- Total Megawatts: 30.6

UPS Systems
- Eighteen 1,600 kW rotary UPS in Isolated-parallel configuration and three 1,800 kW rotary UPS in a distributed redundant configuration.
- Redundancy: N+1

Generators
- Twenty-one 2,250 kW diesel-engine generators
- Redundancy: N+1

Onsite Fuel Capacity
- Storage Tanks: Four 40,000-gallon underground diesel-fuel storage tanks
- Fuel Run Time: Minimum 48 hours

Heat Rejection Systems (HVAC)
- Eight centrifugal chillers and heat exchanger lineups, each with 1,400-ton capacity
- Redundancy: N+1
- Chilled-Water Storage: 200,000 gallons
- Secondary Makeup Water Supply: Underground water well system

PDUs
- Voltage: 415/240 V
- Redundancy: 2N

Communications
- POE: Four separate network POEs with diverse underground duct banks leading into the facility
- Conduits: Dedicated underground conduits to each computer room
- Multiple Carriers: Digital Realty is carrier-neutral
- Meet-Me-Room: Available
- Dark Fiber: Diverse dark fiber available on campus

Fire Protection
- Double interlocked pre-action sprinkler systems with VESDA monitoring system standard

ABOUT DIGITAL REALTY

Digital Realty supports the data center and colocation strategies of firms across its secure,
network-rich portfolio of data centers located throughout North America, Europe, Asia and
Australia. Digital Realty is uniquely positioned to deliver interconnectivity with a complete
range of solutions on a global scale. Our customers trust the Digital Realty team to combine
unparalleled collaboration, network-dense interconnection and real estate acumen to realize
the unique power of community - from one rack to hyperscale - across the globe.

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