

ServerCentral DF-CH1 Datacenter Specs



ServerCentral's global footprint now includes the DuPont Fabros CH1 datacenter facility in Elk Grove Village, IL. The DF-CH1 datacenter provides ServerCentral the flexibility to facilitate high-density private cabinets and cages. ServerCentral's diverse-path fiber ring provides reliable and redundant connections to our backbone network

General Information

Facility Provider	DuPont Fabros Technology, Inc
Address	2200 Busse Rd., Elk Grove Village, IL 60007
NPA-NXX	847-787
Location Orientation	8 miles from O'Hare airport, 27 miles from Midway airport, near I-90 expressway
Commissioned	2008
Building Area	485,000(sq ft) gross - 221,000(sq ft) raised floor
Parking	518 spots onsite

Colocation Space

Raised Floor Space	18,000 square feet (approx.)
Colocation Space	11,500 square feet
Electrical Capacity	2,600kW of critical load
Power Density	240 watts/sqft, up to 12kW/cabinet supported
Floor Load Capacity	450psf
Building Type	Single story, raised floor
Raised Floor Height	42"
Fire Suppression	Laser-based Very Early Smoke Detection (VESDA) Pre-action zoned dry-pipe system
Redundancy	Minimum N+1 on all systems

Facility Highlights

Primary Voltage	34.5kV
# of Utility Feeders	2
# of Power Transformers	8
UPS	16 - 1,300kW rotary powered systems
Standby Power	16 - 2,250kW diesel generator systems
Fuel Capacity	100,000 gallons of diesel
Cooling System	8 - 1,150 ton centrifugal chillers
Thermal Energy Storage	500,000 gallons of chilled water
Data Pathways	2 diverse fiber vaults for redundant carrier points of entry
Roof Access	Available
Loading Dock	4 enclosed and heated bays, hydraulic dock levelers
Office Space	Up to 40,000 square feet of contiguous space available in attached building

Security

Building and Perimeter	Bullet-resistant protection at security check-in and level III walls and doors
Security Staff	24/7/365 staffing with at least 2 officers
Access Control	Dual-factor authentication system (keycard + biometrics)
Alarm System	Yes
CCTV	Camera surveillance archived onsite and offsite