

IL-1 Technical Specifications



IL 1 – Apotech Data Center

Location

1331 E. Business Center Dr,
Mount Prospect, IL 60056

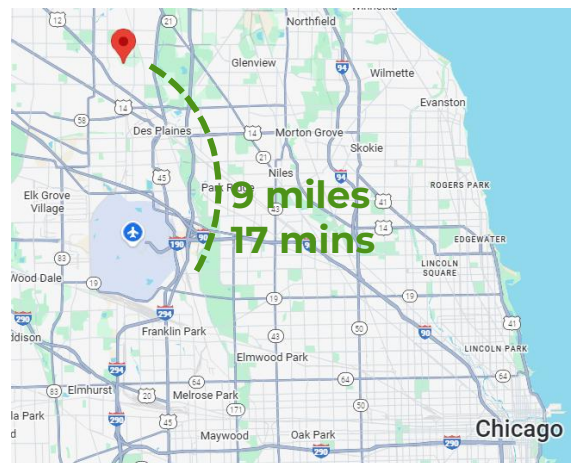
Contact

+1.847.802.8755
www.apotechgroup.com

IL-1 is a Data Center located in Mount Prospect, Illinois (9 miles from O'Hare Airport). The facility was recently completely renovated, with all new systems providing a 2N Fully Redundant equivalent uptime rating.

The Data Center has been maintained and secured to the highest standards. The facility is SOC 2, Type II compliant, featuring a network operations center (NOC) staffed 24hrs a day, 365 days per year, extensive camera monitoring, biometric two-factor authentication access, and mantraps for interior suite/DC access. NOC staff provide hourly inspection rounds of the power and mechanical systems.

The complex is serviced by multiple active distribution paths providing enterprise-class 2N fully redundant power and cooling.



 Building	 Power	 Cooling	 Compliance	 Network	 Platforms
Owned By Apotech	2N Power Design	2N Cooling Design	 SOC 2 TYPE 2	2 Meet-Me-Rooms	Cages Colocation
32,000 Building SF	1.0 MW Critical IT Load	16 kW+ Max Cab Density	 TIER III DESIGN	6 On-site Network Carriers	Private Suites Colocation
11,536 Colocation SF	5.0 MW Delivered, 10 MW expansion pathway	Liquid Cooling Capable	 HIPAA COMPLIANT	2 Fiber Entries	Racks Colocation
	120V, 208V, 3P AC Power		 PCI Security Standards Council		Half-Racks Colocation

Building

Space	
Total Squared Feet	32,000 ft ² (2,972 m ²)
Colocation Space	11,536 ft ² (1,071 m ²)
Building Type	1-story, concrete building
Parking	Adjacent to building (no charge)
Total Area	3.12 acres (12,626 m ²)

Floor	
Floor Type	Slab
Floor Load Capacity	150 psf (7.18 kN/m ²)
Raised Floor Concentrated Load	1,250 lb (567 kg)
Raised Floor Uniform Load	400 lb/ft ² (1,952.97 kg/m ²)
Raised Floor Impact Load	150 lb (65 kg)
Raised Floor Last Load	4,900 lb (2,222 kg)

Fire Suppression	
Fire Suppression	Double-interlocked, pre-action (dry pipe)

Local Services	
Fire Station (miles)	1.5 miles
Police Station (miles)	0.6 miles

Facilities

Power and Cooling	
Power and Cooling Density	16 kW+ Max Cab Density
Availability/Reliability	TIER III DESIGN
Utility Feeders	3
UPS Configuration	Block redundant
UPS Redundancy	2N
Independent UPS Room	Yes
Standby Power Configuration	5 x 600 kW bi-fuel generators
Standby Power Redundancy	2N
Batteries	Lithium batteries
Cooling Redundancy	2N

Security	
Access control	Man trap entry
Authentication factors	2 Factor - Biometrics and card readers
Visitor Log	Yes
Security	24x7x365 security NOC staff
Electronic	Fiber Vault, CCTV
Wireless Networks	WiFi WPA/2 encryption

Amenities

- Break Room
- Loaner Tools
- Crash Carts
- Wifi
- Private Work Rooms
- Conference Rooms

Products and Services

Colocation

- Half-Racks
- Private Cage
- Private Suites
- Secure Cabinet
- AC Power Circuits
- DC Power Circuits
- Office and Storage

Interconnection

- Meet-Me-Rooms
- Fiber entries
- Metro Connect
- Cloud Direct Connect
- Multiple Carriers
- Dual POE (Point of Entry)

Services

- Smart Hands
- Equipment Sourcing
- Installation
- Professional Services



Certification and Sustainability

- SOC 2/SOC 3 Type II
- HIPAA/HITECH Type 1 AT-C 105 and AT-C 205
- PCI DSS-AOC
- TIER III DESIGN



Let's Talk!

Sales Team +1.847.802.8755 | Customer.service@apotechgroup.com



IL-1
Mount Prospect, IL