



Technical Specifications

Dallas, Texas

Property Highlights

Phase I

- 3 MW of turnkey capacity
- 24,000 sq. ft. total space (16,225 sq. ft. raised floor for IT critical gear)
- Fully commissioned and ready for occupancy by Q2 2015
- 2N service for all IT critical power
- 100% availability SLA
- Office space available

Infomart is among the most connected carrier-neutral data centers in the world

- Infomart Meet-Me-Room on the 4th floor directly adjacent to the Infomart wholesale data center suite
- Tenants may connect to additional Meet-Me areas throughout the building

Many options for network access

Every Tier I network has a presence

- AT&T, CenturyLink (Qwest/Savvis), Cogent (PSINet), Deutsche Telekom, GTT (Tinet), Level 3 (Global Crossing), NTT, Seabone, Sprint, Tata Communications, TeliaSonera, Verizon Business, and XO Communications

Tier II and Tier III providers

- Alpheus, Comcast, Fiberlight, FPL Fibernet, Hurricane Electric, InnerCity Fiber, Internap, LeaseNet, Limelight, Logix, Paetec, Network USA, twTelecom, Time Warner Cable, UNSi, Zayo

No Power Markup

- Customers pay for power used at facility cost without mark-up or other fees
- With taxes and line fees, the average delivered cost of power is approximately \$0.05/kWh



Building Specifications

Location: 1500 N. Stemmons Freeway, Dallas, TX 75207

Nearest Airport: Dallas Love Field Airport (DAL)

Building Size: 1,583,309 sq. ft.

Office Space: Commercial office space available

Parking: Open-access parking available; dedicated parking available

Phase I Electrical

Expected Density of 100–200 W/sq. ft. (3–6 kW/cabinet):

- Maximum Density of 400 W/sq. ft. (12 kW/cabinet)

Dedicated Underground 13.2 kV Primary Feeders:

- Two 3000 amp services from ONCOR provide 4.98 MW of gross power capacity
- Separate from other utility feeds: the facility is served by five different feeders from three separate substations, all of which are on separate transformer banks

Three Dedicated 2.5 MW Generators:

- 4,335 gallons of diesel storage (each unit)
- 36 hours total expected run time
- Multiple high priority refueling contracts

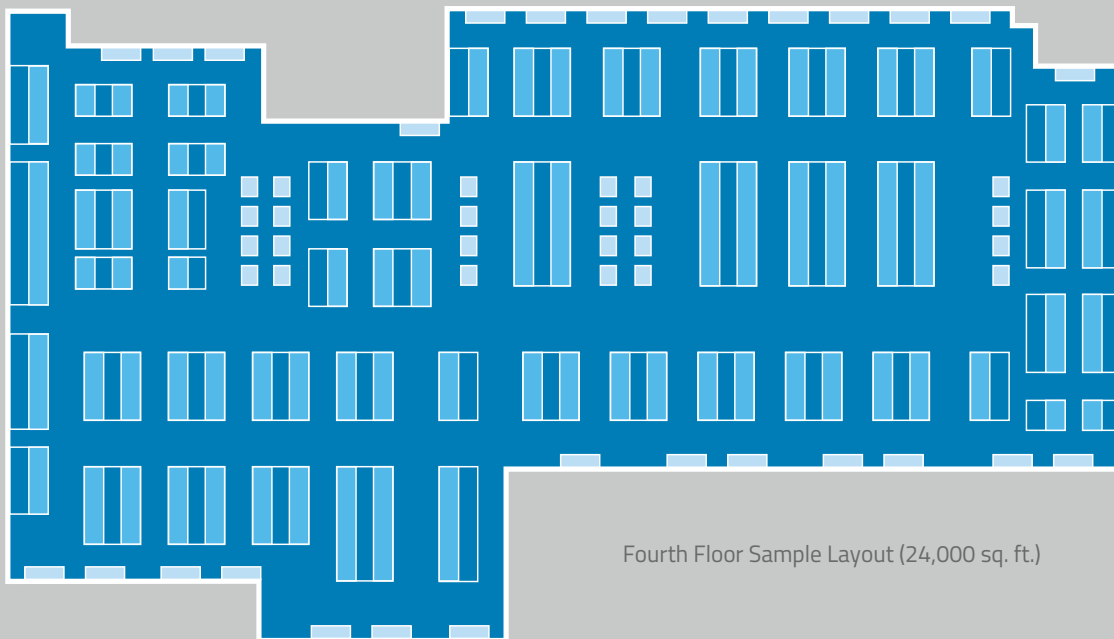
UPS:

- Two independent UPS systems, paralleled N+1 blocks
- 12 minutes battery life, automated impedance based monitoring system

Grounding:

- 10 ft. x 10 ft. data center signal reference ground grid in the data room for IT cabinet/rack bonding

Email info@infomartdc.com or visit www.infomartdatacenters.com for more information



Fourth Floor Sample Layout (24,000 sq. ft.)

Phase I Cooling

Data Hall—28 x 30-ton CRAH units providing 840 total tons:

- Over-provisioned CW loop can support additional CRAH units

Efficiency:

- Design PUE of 1.37. Guaranteed PUE of 1.5 with reconciliation in tenant favor

Chilled Water System:

- Data hall has one main loop and multiple distribution loops
- CW sourced from main facility plant—7,500 tons of capacity at N+2 redundancy
- New high efficiency cooling towers installed in 2015—along with medium voltage backup generators for entire cooling plant
- ASHREA 9.9 recommended operating temperatures and humidity

Green Initiatives

- LED lighting and motion sensor controls
- EC (electronically commutated) highly efficient fans in the CRAH units
- VFDs, premium efficiency motors in HVAC, cooling towers, and pumps
- 97% efficient UPS systems at full load; 96% at half load
- Low emissions diesel generator engines

Property Initiatives

Facility will achieve the following certifications within 15 months of Phase I commissioning:

- LEED Gold
- SSAE 16 Type I
- SSAE 16 SOC 2 Type II
- PCI DSS
- HIPAA/HITECH
- ISO 27001
- Uptime Institute's Management & Operations

Facility Risk Mitigation

- UL Master Label lightning protection system
- Reliable underground feeder network. Property has never experienced a total loss of utility service
- Property is outside 100-year flood plain
- Property is more than 1/2 mile from any flight path and more than 2.5 miles from any airport runway
- Ballistic and projectile protection: entire exterior glass wall is sealed with a double layer of anti-ballistic sheeting in addition to fire rated drywall
- Dual water sources: two separate municipal water feeds that enter the site from diverse locations
- Leak Detection: all water delivery is under-floor, monitored by BMS integrated linear leak detection system

24x7x365 BMS monitoring:

- All mechanical systems: Chillers, motors, pumps, control valves, chilled water piping and raised floor CRAH units
- All electrical systems: Utility power, generators, UPS's and PDU's (including branch circuit monitoring if desired)

Security monitoring systems:

- Dual 24x7x365 staffed control centers. Separate Security and Engineering/Operations
- 100% camera coverage in the data hall
- 100% camera coverage in common areas, outside the data center, and surrounding the building
- Dual factor authentication: pre-mantrap doors require both card access as well as verbal/visual electronic confirmation
- Inside the mantrap, additional access factors (e.g. biometric or PIN code) can be added
- Facility loading dock is manned and available 24x7x365

Fire protection:

- Multi-zone pre-action fire suppression system
- Cross-zoned photo-ionization smoke and heat detectors below the raised floor
- VESDA at the ceiling level



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