

PRIVATE CLOUD/COLO 1-2 MW HPC DATA CENTER

High Density Private DataCenter

Turnkey and available in 2025, this Data Center is a high availability state-of-the-art facility designed specifically with energy efficiency & redundancy in mind.

- Custom designed to house leading-edge corporate technology networks
- 6,000 square feet of 30" raised floor, 36,000 total facility size
- Extra large cabinets for colocation clients -specs: 24" x 42" x 88"(47U total)
- Fully redundant infrastructure - UPS, power generation, cooling, fiber network and backbone providers

Efficient Design

- Real Time Energy Monitoring/PUE
- Ultra Efficient Cooling and Power Systems

Cooling

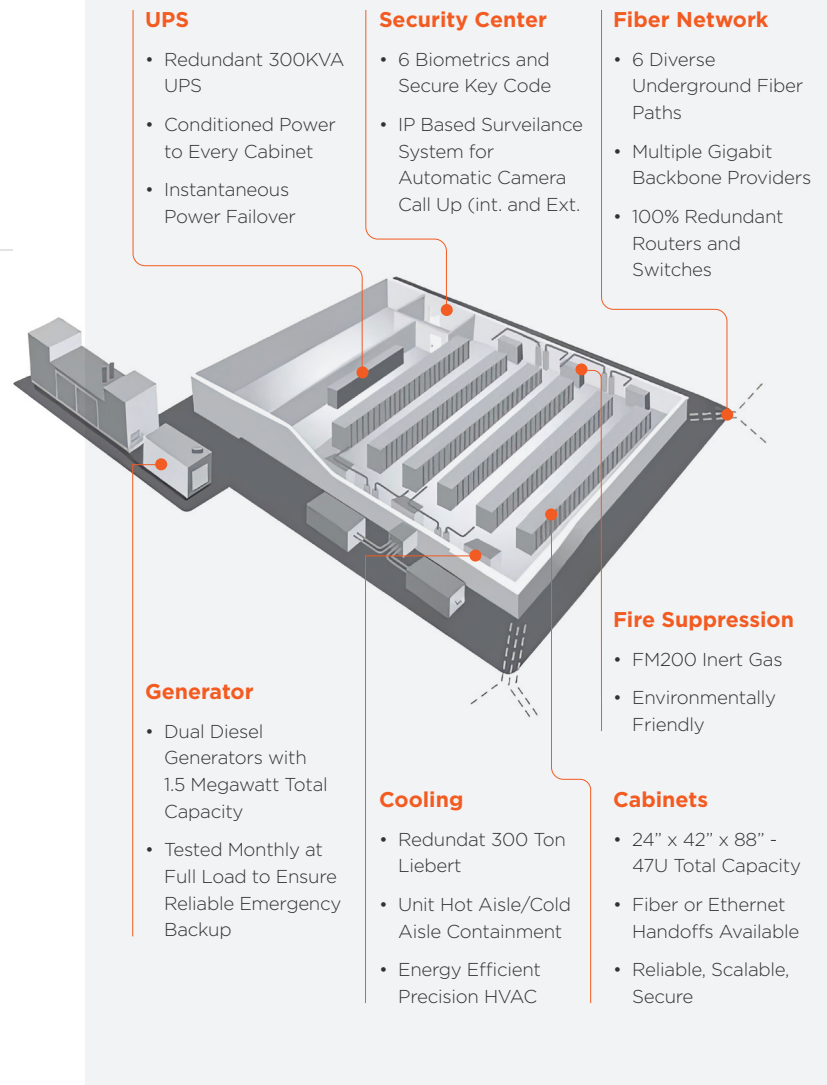
- Redundant ultra efficient Liebert units w/Free Cooling
- Hot Aisle/cold aisle containment
- All equipment in N+1

Fire Suppression

- FE25 Inert Gas
- Environmentally Friendly

Power

- 1MW installed, 4MW available
- Diverse A & B UPS power available to every cabinet
- Two diesel generators, 1.5 MW
- Multiple active utility feeds
- Independent bypass isolation automatic transfer switches
- Metered Power



Security

- Biometrics and secure key code
- 2 fully independent security systems
- IP based 24/7 Digital Surveillance with off-site storage
- Employee background checks
- 24/7 facility access

Data Network

- 6 diverse fiber paths to the Data Center, all underground
- Multiple backbone providers
- 24/7 network monitoring to ensure consistent and reliable availability
- 100% uptime guarantee