## Purpose-Built Data Center

- 325,000 SQ FT data center
- 43,000 SQ FT dedicated customer offices
- Located on the Data Ranch 43.5-acre property
- Wholesale and retail colocation
- Carrier-neutral with 15+ providers
- HPC (High Performance Computing) capable
- SSAE 18 Type II-accredited

- 24x7x365 staffed NOC and remote hands support
- Two 400 MW capacity dually-fed electrical substations
- End-to-end underground power feeds
- Blended internet options available
- 2,750 tons chiller capacity
- 40,000 gallons of onsite fuel storage

## Power

### UTILITY
- 2500 kVA dual input utility transformers
- 3000 AMP distribution buses, including 480 Volt parallel closed-transition switching & SPD

### UPS
- Multiple 750 kVa and 1.5 MW modules
- N+1 to 2N redundancy available

### PDU
- 500 kVA "A" and "B" PDUs
- 600 AMP static transfer switches

### GENERATORS
- Multiple 2.25 MW N+1 Cummins diesel generators
- Generators inside building shell, fully enclosed in individual ventilated, environmentally controlled bays

### GROUNDING
- Zoned, fully grounded
- Lightning protection system

## Cooling

### SYSTEM
- Full concurrently maintainable design throughout
- Dual-independent water utility feeds, 48-inch main 12-ft underground and 18-inch main 4-ft underground
- Highly efficient chilled water cooling system

### CRAH
- 28,000 CFM chilled water CRAHs (Computer Room Air Handlers) in N+3 configuration
- Supports high air Delta-Ts for blade server environments

### CHILLERS
- 550 ton VFD York chillers with fast restart
- N+1 redundancy

Regulatory Compliance

SSAE 18 TYPE II ACCREDITED | HIPAA COMPLIANT | PCI DSS CERTIFIED | AICPA SOC | ISO 27001 Certified

## Security

### EXTERNAL

- 24x7x365 manned security at gated entry, data center entrances and loading docks
- Man traps and biometric access control
- Security cameras with digital video recording and storage

### INTERNAL

- Escorted access
- Color camera digital surveillance system
- Man traps at all external door
- Digital video recording upon every door opening
- Cabinet and cage security options include individual locks and biometric scanners

## Colocation

- Secure data cages with custom layout options
- Full and half cabinets available
- Customizable access options from biometric scanners to IP security cameras
- 24x7x365 on-site staffed NOC and remote hands support

## Amenities

- Multiple hotels and restaurants within 3 miles
- 10 minutes from Austin-Bergstrom International Airport
- Public transportation nearby
- Secure parking for customers and visitors
- Secure loading dock with semi-trailer access
- Dedicated staging / burn-in room

## Energy Efficient Features

- Variable speed motors on chillers, chilled water, and air handlers yield continuous optimized power consumption
- Efficient UPS with Eco Mode on all modules
- CRAHs utilize EC plug fan modules (no belts) and VFD (Variable Frequency Drive)
- Highly efficient transformers
- Higher chilled water temperatures for more efficient chiller operation
- Adiabatic humidification for free cooling while humidifying

## Hard-Walled Private Data Suites

- Customizable access options from biometric scanners to separate, secured entrances
- Customizable power & cooling options

## Fire Protection 3-layer plan for fire prevention and suppression

- Full HSSD sensors
- FE36 handheld extinguishers
- Dual interlock, dry-pipe, pre-action sprinkler system

## Dedicated Customer Office Space

- Dedicated customer offices
- Dedicated conference rooms
- Customizable and scalable options
- Customizable NOC and disaster recovery solutions

**CONTACT US TO TOUR DATA FOUNDRY 02 DATA CENTER**