

# AUS3

## CyrusOne Data Center

### Austin

### 7100 Metropolis Drive

### Austin, TX 78741

CyrusOne's AUS3 data center is projected to be the company's largest facility in Austin at 172,000 total square feet of shell and offering 120,000 colocation square feet (CSF), with up to 24MW of power, and over 25,000 square feet of class A office space at full build.

Expansive office or work area recovery space is customizable to meet unique requirements of our clients for dedicated office suites linked to critical IT operations.

The data center's infrastructure combines multiple levels of technology and security, resulting in no single point of failure. The location is ideal for primary production systems backup and the synchronous data replication requirements of mission-critical applications.



## Overview

- Up to 172,000 square feet data center / 120,000 colocation square feet (CSF) at full build
- High Performance Computing (HPC) capable, supports 250 wpsf with the ability to support over 1,000 wpsf
- Carrier-neutral and part of CyrusOne National IX (Internet Exchange)
- Wholesale and retail colocation options
- 100% uptime service level agreement on power
- 24x7 year round staffed NOC and smart hands support
- Dedicated cages and private suite options available
- Worksite recovery: customizable to fit client needs

## Power

- Can accommodate up to 24MW at full build
- Multiple levels of redundancy available within same footprint (e.g. N, 2N, Distributed Redundant)
- Two - 400MW capacity substations with dual underground, concrete encased feeds from electrical substations
- Multiple Mitsubishi 750kVA/750kW UPS systems; each power leg has two dedicated UPS systems with VRLA battery backup
- Dual input static transfer switches feed PDUs
- Scalable 2.25MW MTU generators dedicated to each power leg - 48-hour belly tank with each generator at full-load (longer run times at partial load).
- Containerized power rooms, featuring pre-installed and pre-tested UPS and switchgear equipment for faster time to market

## Cooling

- 36-inch raised floor design
- Utilizing Stulz 200-ton CRAH units with electronically commutated (EC) variable-speed fans
- Highly efficient multiple 500-ton Trane chillers with rapid restart and adaptive controlled microprocessors (ability to scale as density increases)
- Closed loop chilled water cooling design

## Building

- Polycarbonate wall system enables rapid and cost effective construction of internal walls. This material is installed with no residual dust particles and is 10 times stronger than acrylic and 200 times stronger than glass – with superior thermal qualities.
- Gordon data center ceiling system grid allows hot air to rise off of the data center floor quickly. Common areas designed with customer comfort in mind.

## Fire Detection and Suppression

- Very Early Smoke Detection Apparatus (VESDA) system; sampling air in parts per million coupled with a zonal dual-action interlocking dry-pipe pre-action system

## Security

- Video surveillance and recording of the exterior and interior
- On-site security guards 24/7 year-round
- Triple authentication man traps, revolving entrance doors; biometric and key card (color coded) security for rigid access control
- Cabinet and cage security options include individual locks and biometric scanners
- Perimeter fence and badged gate access

## Location/Amenities

- 16 hotels and 15+ restaurants within three-mile radius of the data center
- Seven minutes from Austin-Bergstrom International Airport
- Secure parking for customers and visitors

## Certification/ Audit Compliance Accreditations

Through disciplined assessment and audit processes, CyrusOne has implemented comprehensive practices for:

- ISO/IEC 27001
- PCI DSS
- HIPAA/HITECH
- FISMA-High
- SSAE 18 (SOC 1 Type II), Type 2 AT 101/SOC 2
- Business Continuity and Disaster Recovery (BCDR)

## Site Plan

