

CHANDLER - PHOENIX, AZ

DATA CENTER OVERVIEW





The nation's largest data center campus sits on 85 acres slated to ultimately support nearly 2 million square feet of data center space in Chandler, Arizona. There is room for ten buildings on this campus, all built with leading - edge Massively Modular® Engineering, making this CyrusOne data center campus unique. The Phoenix data center is well-suited for enterprise clients that require a robust data center infrastructure for mission - critical applications. This location is in an area considered one of the safest in the country: free from natural disasters including seismic activity, tornados and hurricanes.

SUPERIOR FIBER CONNECTIVITY



Facility Specs

Data Canopy's data center facility is located within Cyrus One's Chandler facility, which includes:

- o One of the most efficient in the country
- o SSAE 18 (SOC I type II), PCI DSS (sec 9 & 12), HIPAA, ISO 27001, FISMA, TIA 942 Class 4}
- o High Performance Computing (HPC) capable, supports 250 wpsf with the ability to support over 1,000 wpsf
- o Highly efficient power and cooling • Historically free of seismic activity, tornados, and hurricanes
- o Carrier-neutral and part of CyrusOne Texas IX (Internet Exchange)
- o 100% uptime service level agreement on power
- o 24x7 staffed NOCC and remote hands support
- o Dedicated cages and private suite options available



Cooling

In keeping with best practices for an efficient data center:

- o 36-inch raised floor design
- o Hybrid cooling system combining evaporative and chilled water technology
- o Highly efficient multiple 500 - ton Trane chillers with fast restart and adaptive controlled microprocessors
- o Inverted roof design with no columns on the raised floor for efficient hot air removal



Power

The facility features multiple levels of redundancy available within the same footprint:

- o Can accommodate up to 90MW of critical capability
- o Multiple levels of redundancy available within same footprint (e.g. N, 2N)
- o 110KV onsite substation
- o Dual underground power feeds to onsite substation
- o Dual Input PDU's with Static Transfer Switches
- o Scalable 2.25MW Detroit Diesel dedicated generators pre -wired for additional capacity.
- o 6,000-gallon belly tank.



Security

This facility has some of the highest levels of security available:

- o Video surveillance and recording of the exterior and interior
- o On-site security guards 24/7 year-round
- o Dual authentication entry into building and data halls; biometric and key card (color -coded) security for rigid access control
- o Cabinet and cage security options include individual locks and biometric scanners
- o Perimeter fence



Sustainability:

CyrusOne's Chandler, AZ facility boasts the following sustainability features:

- Energy Star Certified from the US EPA
- Zero Water Consumption Cooling



Fire Protection:

Very early smoke detection apparatus (VESDA) system; sampling air in parts per million coupled with a zone -based dual -action interlocking dry -pipe pre -action system.

WHY CHOOSE DATA CANOPY?



Smart Hands Support:



When you choose to host with Data Canopy, you will receive the highest level of support, including:

- o Troubleshooting and issue resolution performed by a highly technical team, including senior engineers
- o Unmatched response times, supported by industry -leading SLAs
- o 24x7x365 manned Network Operations Center (NOC)

Nationwide Network of Data Centers:

Data Canopy has a network of high capability, state of art data centers throughout the US.



Data Canopy Operated 
Leased Facility 

Data Canopy has the infrastructure, security and support you need to keep your business running smooth. Don't just take our word for it – contact us at 703-594-5200 or contact@datacanopy.com to schedule a data center tour today.