

PHOENIX DATA CENTER CAMPUS OVERVIEW

Vantage is bringing its data center experience to the rapidly expanding Phoenix market.



FEATURES

- 50-acre development
- 176MW campus
- Four planned data centers, the first of which will be 16MW
- 800,000 SF of space
- Multiple power density options with an average up to 250W/SF

AMENITIES

- Customizable offices and workspaces dedicated to individual customers
- Secure storage with easy access between data modules
- Proximity to local amenities like Canyon Trails Town Center, Palm Valley Pavilions West, Phoenix Goodyear Airport and more

POWER

- Powered provided by Arizona Public Service Company (APS)
- Dedicated substation onsite
- Multiple, diverse utility power feeds supporting the campus
- Receiving power at 69+kV and distributing around campus at 12kV and 480V within the building
- All systems 100% concurrently maintainable

COOLING

- Computer Room Air Handling (CRAH) units located in galleries of each data module allow for highly efficient airflow distribution
- Closed-loop chilled water system with air-side economizers
- Planned Water Utilization Efficiency (WUE) is near zero (liters/kW/hr)
- Planned N+2 redundancy across all mechanical systems

CONNECTIVITY

- Multiple points of entry (POEs) for the campus will ensure maximum path diversity for inbound carriers
- Multiple Meet-Me-Rooms (MMRs) throughout the campus
- Diverse conduit pathways into the campus

SECURITY

- Onsite security operations center with patrols 24x7x365
- Perimeter security gates and fencing
- CCTV on all access control points
- Dual authentication (access badge/PIN and biometric readers) for customer spaces and critical infrastructure areas
- Visitor Management System with controlled and monitored access points and stringent access control policy