PHOENIX DATA CENTER CAMPUS OVERVIEW

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

FEATURES

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

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

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