

VAN BUREN DATA CENTER, PHOENIX

LightEdge's Van Buren Data Center (VBDC) in downtown Phoenix provides enterprise-class colocation, cloud services, access to AWS and Microsoft Azure direct connect over our private MPLS network and is a popular site for disaster recovery implementations. VBDC is built to the most rigorous of standards, with 2N redundant power and a dedicated central plant for cooling. As a carrier-neutral facility, with multiple fiber vaults providing diverse points of entry, VBDC is a premier point of interconnection for many of the world's leading carriers and network service providers.

CLIENT AMENITIES

- ▲ Shipping and receiving with loading dock
- ▲ Client staging area with secure storage
- ▲ Client work area equipped with desks, wire internet
- ▲ Facility-wide free wireless Internet access
- ▲ Client lounge

NETWORK CONNECTIVITY

- ▲ Multiple fiber vaults with diverse entry
- ▲ Large carrier-neutral meet-me room
- ▲ IPv6 data center support
- ▲ Option to access LightEdge performance-routed blended network: AT&T, Comcast, Cox, Level 3, Savvis, Sprint, Verizon, XO & peering via Any2 & CENIC International Internet Exchanges
- ▲ Multiple fiber providers on-site including: AboveNet, AGL, AT&T, Cogent, Cox, Global Crossing, Integra, Internap, Level 3, Qwest, Sprint, SRP, TW Telecom, Verizon, Witel, and XO Cross Connect to the VBDC meet-me room and inter-cabinet via any media type

CLIENT SUPPORT SERVICES

- ▲ Dedicated data center support center
- ▲ 24x7x365 on-site support staff
- ▲ Remote hands services
- ▲ Managed tape rotation

DATA CENTER SPACE

- ▲ Built-to-spec private colocation cages
- ▲ Locking colocation cabinets in 14u, 22u, and 45u increments
- ▲ Shared cabinet space in 1u increments
- ▲ Roof rights with excellent line-of-site (LOS)

POWER SYSTEMS

- ▲ 2N AC UPS power plant
- ▲ A/B, 208v/120v power distribution
- ▲ Standard 12 KW per rack available; higher densities available based upon client demand
- ▲ N+1 emergency generator configuration

COOLING SYSTEMS

- ▲ HVAC system with N+1 redundancy
- ▲ 73° ambient air temperature (+/-5 degrees)
- ▲ 45% humidity (+/-5%)

PHYSICAL SECURITY

- ▲ 24x7x365 on-site staff
- ▲ Camera with remote door release at facility entrance - only authorized personnel are allowed to enter
- ▲ Geometric and Biometric hand scanners control access to facility
- ▲ Card access control at all interior data center doors
- ▲ CCTV digital surveillance cameras with 90 days storage on all main data center areas
- ▲ All client equipment is counted upon arrival and can only be removed by authorized personnel
- ▲ Shipping and receiving area is isolated from the colocation floors



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