



DATA CENTER SPECIFICATIONS

LV8: Las Vegas, NV

Cyxtera provides comprehensive data center solutions designed to help customers achieve the high level business efficiencies they require. Through a strategic partnership with Switch SUPERNAP Data Centers, we are extending our global data center presence into Las Vegas, Nevada. Due to its naturally temperate climate, low instance of natural disasters, and lack of harsh winter storms, the Las Vegas data center market is quickly becoming a hub of technological activity.

This Uptime Institute Tier IV Gold Certified purpose-built data center is designed to enable our clients with the ability to redirect data center management and administration resources to the core business applications and innovation.

Our addition of Las Vegas provides our customers:

- Capital and operational expense savings for data center facilities, maintenance and power
- High-density airflow containment system using Switch patented T-SCIF containment
- Proven reliability backed by environmental SLAs and a 100% uptime SLA
- Data center temperature and humidity managed to ASHRAE standards
- Scalable space and flexible contract models
- Over 50 carriers are available through the meet-me-rooms
- Inclusive multi-level physical security measures, multi-level military level security and tailored solutions to meet client needs
- Ecological focus on reducing carbon footprint and power consumption

This premier multi-tenant Tier IV Gold Uptime Certified data center is designed to enable clients to focus on core business competencies, rather than data center management. Cyxtera's global data center footprint and unique flexible service model enable us to deliver convenient solutions that keep businesses running securely and efficiently. We are an innovative global data center service provider with quality colocation, security expertise and outstanding customer support. Cyxtera colocation customers have access to an ecosystem of leading providers of public and private cloud, managed hosting, managed security, storage, and network services; all in some of the best run data centers in the industry.

- Global teams with an average of 20 years of expertise in data center operations, customer support, engineering and consulting
- Customer-friendly master planned, purpose built facility with secure access and efficient layout
- Direct access to Hybrid IT services from multiple providers
- Speed to market and ensure IT continuity with Structured Cabling Design and Installation and Gold Support
- With 50+ global data centers across North America, Europe and Asia-Pacific, Cyxtera assures geographic redundancy, IT asset protection and equipment failover

Data Center Statistics

Real Estate Summary

- Access serviced by McCarran International Airport, in Las Vegas, Nevada
- Conference room facilities
- Purpose built data center
- Available space capacity = 1.7 Million square feet of adaptable space
- Tier IV Uptime Institute Certified for design and constructed facility
- Tier IV Gold Uptime Institute Certified for operations.
- Switch SHIELD dual data center roofing system: two independent and rated 200 mph steel roof decks located 9 feet apart.

Electrical Summary

- System + System Tier IV Backup Power Design
- Patented HVAC design that provides up to 1,500 watts per square foot
- Access to 315 megawatts of resilient power

Mechanical Summary

- Mechanical System Configuration = 2N+1 Tier IV
- Temperature and humidity SLAS managed to ASHRAE standard
- Concurrently maintainable utility, power and HVAC Fire Detection and Suppression Summary

Cyxtera Technologies is the secure infrastructure company. Combining a hybrid-ready information security fabric with a global footprint of best-in-class data centers, Cyxtera delivers a secure platform for connecting and protecting dedicated infrastructure, private clouds and public clouds.

For enterprises, government agencies and service providers, Cyxtera offers powerful, secure IT infrastructure paired with agile, dynamic software-defined security. Headquartered in Miami, Cyxtera serves more than 3,500 customers worldwide.

Security and Compliance

Cyxtera utilizes a centralized global security operations center that monitors all Cyxtera data centers, provides multiple challenge points throughout and grants permissions-based access to all data center areas. Each data center supports hundreds of external and internal video surveillance cameras. Standard cages and cabinets are outfitted with locking mechanisms. Customers have the ability to add incremental security options such as intra cage video cameras and card or biometric readers.

Containment

Each cabinet fits into a slot in the TSCIF (Thermal Separate Compartment in Facility) unit, a heat containment system. Overhead cooling ducts drop chilled air into the cool aisle, which sits on a slab rather than a raised floor. T-SCIF systems encapsulate each rack, leaving the front open to the cold aisle. The enclosure uses a chimney system to deliver waste heat back into the ceiling plenum, where it can be returned to the cooling units.

Connectivity

Whether a customer requires connection between T-SCIF, between buildings or to a carrier, Cyxtera supports vital data center cross connects with carrier neutral, network diverse IT services.

- 50+ providers providing global coverage
- Cyxtera's ClientConnect service provides clients the opportunity to connect with service providers, business partners, and customers within the data center and across all Cyxtera platforms

Services include:

CenturyLink Transport Services (Metro & IXC)

- Internet
- MPLS
- Voice (TDM & VOIP)

Capacity

- Ethernet (10Mbps to 100Gbps)
- Sonet (T1 to OC192)



Services extended via single cross connect for network, hosting and storage; including specific exchanges within select Cyxtera financial data centers. Cross connects are delivered within 48 hours.

Areas We Serve

United States

Albuquerque, NM
Atlanta, GA
Boston, MA
Chicago, IL
Columbus, OH
Dallas, TX
Denver, CO
LA/Orange Co., CA
Las Vegas, NV
Metro NY/NJ
Minneapolis, MN
Moses Lake, WA
Phoenix, AZ
Central, WA
Seattle, WA
Silicon Valley, CA
St. Louis, MO
Tampa, FL
Washington, D.C.

Canada

Montreal
Toronto
Vancouver

Europe, Middle East, Africa

Germany
London

Asia

Hong Kong
Singapore
Shanghai
Tokyo

Australia

Sydney
Canberra
Melbourne
Perth
Brisbane

This Facility, LV8: Las Vegas, NV, has received the Uptime Institute Management and Operations (M&O) Stamp of Approval. Uptime M&O Stamp of Approval is the first and only unbiased and industry-ratified standard by and for data center operations. M&O also provides a third-party validation of operational excellence, consistent process, procedures and training, which ensures data center availability, sustainability, and consistency.