

Connectria's Data Centers

ST. LOUIS

Connectria's data center is a world class facility located in one of North America's premier carrier hotels, The Bandwidth Exchange Building located in St. Louis, Missouri, USA. Our 10,000 square foot facility includes state-of-the-art security, N+1 redundancy in all critical systems, an on-site Network Operations Center monitored by qualified engineers 24/7. Connectria's state-of-the-art Data Center facility houses Points of Presence (POPs) for all of the major Internet & telecommunication carriers operating in the central United States including: Verizon (MCI/UUNet), Sprint, AT&T, Level 3, Qwest, XO Communications, Cogent, Broadwing, Charter Communications and CenturyLink among others.

In addition, our staff is responsible for managing the private peering point between all of the network providers and carriers. This allows us to utilize direct connections into each of these carriers' Internet backbone networks without any local loops or cross-connects. These direct connections enable Connectria to deliver extremely fast, low-latency Internet bandwidth - which explains why more than 30% of our customers reside in Europe, Asia, the Middle East, and South America - and why they experience exceptional Internet network performance.



Physical Security

- Access Is Restricted Beyond The Secured Lobby
- Card Access required To Enter Elevator
- Biometric & Card Access Required To Enter Data Center
- Closed Circuit Digital Camera (Stored Electronically)
- 24/7 Security System Monitoring (On and Off Site)
- Multiple Checkpoints Required To Controlled Areas
- All Visitors Must Be Escorted At All Times
- Documented Maintenance Logs For Physical Changes

Environmental Controls

- Anti-Static, Fireproof Raised Floor
- Temperature Controlled & Monitored (72°F ± 5°)
- Humidity Controlled & Monitored (30-60% ± 5%)
- Overhead Ladder Rack and Fiber Tray Systems For Cabling & Wiring
- State-Of-The-Art Cheetah Fire Suppression
- Under-The-Floor Water Detection System

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Power

- (2) Power Feeds From (2) Separate Power Grids
- 4,500 Amp 480v Power With (4) MGE Power Distr. Units
- Power Conditioning With Bus Synchronization
- 3-phase 208v 30 Amp Power To Each Rack
- Conditioned 110v or 220v Power To Servers
- (2) Redundant 300 KVA MGE UPS Systems
- (5) 1,500 KVA Generators w/Automatic Transfer Switch

Network

- Redundant Diverse Path Fiber Feeds Into Building
- Multiple 10 Gbps Internet Connections
- Carrier Diversity Through Level 3, Zayo, TeliaSonera, Hurricane Electric, and Cogent
- Internet Connection Load Balancing Using MPBGP
- Diverse Inter-Data Center 10Gpbs MPLS backbone
- Router Redundancy using Anycast HSRP, OSPF, MPLS and MPBGP
- Redundant Dual-Stack (IPv4/IPv6) Enabled Cisco 10/40 Gbps Core.
- (2) 1,000 Mbps Uplinks To All Servers
- NIC Teaming For Automatic Network Failover
- Separate Administrative & Data Backup Networks

NORTH DALLAS

Connectria's data center is a world class facility located in one of North America's most secure Data Center Properties. The Cyrus One facility located within the Convergence Technology Center in Lewisville, TX, USA. Our space exists within an 85 acre campus which is comprised of nearly 300,000 square foot of data center space. This Tier 4 facility includes military style security and



2-N redundancy in all critical systems. Connectria's Data Center facility provides connectivity to many of the major Internet & telecommunication carriers operating in the United States including: AT&T, Comcast, Phonoscope, Fiberlight, Time Warner Telecom, Verizon, and Zayo with last mile connectivity to dozens more.

In addition to being located outside of all major natural disaster zones, the facility provides 22 MW of power and includes an on-site power substation. The innovative network design includes 20Gbps connectivity to every rack with full 1GB redundant connection to every server. This top-tier facility also holds certifications for SSAE 18, PCI DSS, ISO 27001, FISMA, TIA 942 Class 4 and HIPAA Transaction Compliance.

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Physical Security

- Access Is Restricted Beyond The Secured Lobby
- Card, Biometric and Weight sensors are used to secure access
- Card Access Required To enter Data Hall
- Card and Biometric Required to enter Data Center
- Closed Circuit Digital Camera (Stored Electronically)
- 24/7 Security System Monitoring (On and Off Site)
- Multiple Checkpoints Required To Controlled Areas
- All Visitors Must Be Escorted At All Times

Environmental Controls

- Anti-Static, Fireproof Raised Floor and drop ceiling
- 2 - N Cooling Design with multiple cooling zones
- Temperature Controlled & Monitored
- Humidity Controlled & Monitored
- Overhead Fiber System For Cabling & Wiring
- Closed-loop water system
- Under-The-Floor Water Detection System

Power

- (3) Substation Feeds From (2) Separate Power Grids
- On-Site Substation
- Power Conditioning With Bus Synchronization
- 3-phase 208v 30 Amp Power To Each Rack
- Conditioned 208v Power To Servers
- True A-B / A-B power redundancy
- (2) 42 MVA Transformers On-Site

Network

- Redundant Diverse Path Fiber Feeds Into Building
- Multiple 10 Gpbs Internet Connections
- Carrier Diversity Through Level 3, Zayo, TeliaSonera, Hurricane Electric, and Cogent
- Internet Connection Load Balancing Using MPBGP
- Diverse Inter-Data Center 10 Gbps MPLS Backbone
- Network Accessibility into the Texas Internet Exchange (IX)
- Redundant Dual-Stack (IPv4/IPv6) Enabled Cisco 10/40 Gbps Core.
- (2) 1,000 Mbps Uplinks To All Servers
- NIC Teaming For Automatic Network Failover
- Separate Administrative & Data Backup Networks

About Connectria

Connectria provides award-winning cloud computing, managed hosting and custom hosting solutions for more than 1,000 customers in over 30 countries worldwide. We are experts in complex multi-vendor solutions, and we support the broadest range of technologies, managed services and security in the industry.

At the core of Connectria is our No Jerks Allowed® company philosophy. As The Jerk Free Company,® we've established a unique culture where every individual goes "the extra mile" to take care of our customers. Being the Jerk Free Company® extends beyond our people, too. We make it easy to do business with us through flexible terms, scalable solutions and straight-forward pricing to serve the hosting needs of large and small organizations alike.



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