



data center. hosting. managed services.

DELIVER MORE_

data center

Denver Facility Specifications

More_Capacity. More_Efficiency. More_Reliability.

Latisys-Denver is the premier data center facility in the Rocky Mountain region. In an era of higher-density computing and with the costs of power increasing every year, our Denver facility is specifically designed for high-capacity growth. And that is exactly why Latisys is quickly becoming the managed IT provider of choice for Fortune 1000 and start-up companies alike. At just under 30,000 square feet of raised floor space and with room to grow, your business infrastructure will thrive with the enterprise-class security, network and facilities support offered by Latisys.

STATE-OF-THE-ART SECURITY

To protect your mission-critical operations, Latisys maintains a tight and multi-layered security system. An extensive digital video surveillance network monitors and records all data

center area and building entrance activity. Data center floor entrances are controlled by strictly managed access levels, man-trap entry and biometric scans to ensure that only your authorized personnel are allowed entry. In addition to the physical security features, our highly secure NOC features 100% uptime and the data center is manned 24x7x365 by our rapid response specialists. All detected issues are proactively tracked and acted upon for immediate resolution.

MANAGED SERVICES

Our Managed Services are tailored to relieve increasingly burdened IT staff from their many routine, non-revenue generating tasks. Clients choose to utilize our fully integrated managed service solutions to balance workload, fill server and infrastructure knowledge gaps, outsource critical applications and supplement existing systems and resources.



COLOCATED CABINET SOLUTIONS

Our secured locking cabinets are available in third, half and full-size options, perfect for accommodating your organization's growth.



CUSTOM CAGE SOLUTIONS

Our cage walls can be customized to fit your specific requirements (including DOD spec cages), with access only given to your designated representatives. Complimentary wireless Internet access and customer lab use is also available.

REAL-TIME RESPONSE

Our rapid response specialists offer real-time turnaround of your dedicated or collocated servers to make sure your business is ready to take advantage of every market upswing while always maintaining a high ROI.



Strategically located just 15 minutes south of downtown Denver, this state-of-the-art Tier III data center is easily accessible from Denver International Airport, Centennial Airport and major interstates.





Latisys-Denver Data Center Standards and Specifications

Facility Specifications

- Over 30,000 sq. ft. of premium data center space, with an additional 30,000 of on-premise expansion potential
- Redundant power and cooling as well as raised floor space specifically optimized for high-density deployments
- More than 22 Gigabits of Internet bandwidth active over four Tier 1 providers — with capacity to expand
- Strategically positioned in an area of low seismic activity
- Concrete slab foundation and reinforced steel structure

Building Access and Security

- 24x7 on-site security and NOC staff, with a minimum of two staff members at all times
- Alarm system with cameras on all perimeter points of the building; video and camera surveillance within facility
- Multi-level access authorization with man trap, biometric verification and security controlled access level assignment

Electrical Power Infrastructure

- With four separate UPS systems, each at N+1 redundancy, we can offer true A/B power feeds to each rack
- UPS systems fed from diverse sources to prevent loss of critical power
- 48V DC power plant with redundant rectifiers and batteries

- Starline Busway rail power distribution offers quick, flexible power deployment
- Distribution system designed to deliver dual-feed power to every rack
- Critical components are equipped with bypass mechanisms, allowing for full maintenance without interruption
- With the employment of items such as blanking panels, air dams and venting solutions, we can provide over 10KW per rack

Power Generation

- Three separate utility feeds with diverse paths back to the substation
- 3600KW of on-site generator capacity at N+1 redundancy; expandable to 6000KW
- Modular power system provides an easily scalable, reliable generator infrastructure
- More than 50 hours of full load power on-site fuel storage

Cooling

- Cooling available at N+1 redundancy
- Redundant and energy-efficient ultrasonic humidification systems maintain precise humidity distribution
- Raised floor plenum with minimal obstructions provides cooling to server racks
- Hot aisle and cold aisle configuration utilizing air containment solutions to increase efficiency and density while maintaining strict cooling standards that exceed ASHRAE specifications

Fire Detection and Suppression

- Off-site alarm monitoring and fire department dispatch
- Multi-zoned above and below-floor detectors that are monitored both internally and off-site with fire department dispatch
- Pre-action dry pipe fire suppression systems that only fill with water in the event that two or more sensors are triggered in the same zone
- Only discharges in area where the temperature would rise to trigger a fire sprinkler head

Telecommunications

- Carrier-neutral facility (AT&T, Level3, SAVVIS, Verizon, Qwest, X/O and more)

Network Connectivity

- Multiple active Internet connections
- Two 10-Gigabit Ethernet Fiber (GigE) connections to SAVVIS
- One GigE connection to AT&T
- One GigE connection to XO
- Two GigE connections to Level3
- Sub-1 millisecond access to SAVVIS' four national OC-192s

System Monitoring

- State-of-the-art monitoring system provides real-time data on equipment operation, enabling easy system management and instant identification of problems
- Monitoring includes power and cooling systems, as well as temperature, humidity, leak detection, fire protection and more