



data center. hosting. managed services.

DELIVER MORE_

data center

Chicago Facility Specifications

More_Security. More_Access. More_Reliability.

At 99,000 square feet, Latisys-Chicago is one of the largest Tier III data centers in North America, specifically designed and constructed to deliver world-class physical security, power availability, infrastructure flexibility and growth capacity. That is exactly why Latisys is quickly becoming the managed IT provider of choice for Fortune 1000 and start-up companies alike.

STATE-OF-THE-ART SECURITY

To protect your mission-critical operations, Latisys maintains a tight and multi-layered security system. Video surveillance and electronic motion sensors provide continuous interior and exterior observation and 30-day retained storage. The building's single entry point is outfitted with sophisticated security sensors, vandal-resistant and bullet-proof glass, full biometric hand scanning and man-traps. In addition to the physical security

features, the data center is also monitored 24x7x365, with all detected issues proactively tracked and acted upon for immediate resolution. We also operate a highly secure NOC with 99.999% uptime.

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.

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 all while optimizing your ROI.



Latisys-Chicago is strategically positioned in the heart of the Midwest. Conveniently located within 30 minutes of Chicago, Oak Brook is a prestigious corporate community accessible by multiple routes and modes of transportation.



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 floor-to-ceiling cage walls can be customized to fit your specific requirements, with access only given to your designated representatives.

PRIVATE MICRO-SUITES

Get true collocation of your private data center in our secure and connected facility, featuring dedicated power and cooling supply within solid walls and proximity card access entry.



Latisys-Chicago Data Center Standards and Specifications

Facility Specifications

- 99,000 sq. ft. raw, caged, micro-suite and individual cabinet space
- 17 ft. mezzanine-to-ceiling height
- 12 in. thick-steel reinforced, high-pressure concrete walls
- Slab-on-grade or pressurized raised floor options
- Building standards meet NEBS Level 3-compliance
- Fully complies with Tier III design specification standards as outlined by *The Uptime Institute*
- Secure exterior faux spandrel window system
- Hot aisle containment: dedicated rows for high-density installations requiring increased power
- Roof is a fully adhered single-ply 60mil EPDM rubber membrane system with isocyanurate insulation

Building Access and Security

- 24x7 building access
- 24x7 on-site security and NOC staff
- Alarm system with camera surveillance covering the entire perimeter of the building, throughout the data center area and all entrances and exits
- Secure entrances include mantraps, biometrics, key card access and multi-factor authentication
- Private parking area
- Secure loading dock

Electrical Power Infrastructure

- Power room is a fully independent Electrical Distribution Matrix with dual ComEd source support
- On-Site diesel fuel-based power generation
- Diverse power rack PDU distribution in 120/208, NEMA or IEC receptacles
- Multiple power lineups with high-density deployments are available
- Redundant power infrastructure on all system levels
- Power backup systems include redundant APC Power Distribution Units (A+B), MGE UPS

Electrical Power Generators

- Three 1.25 MW and three 2.25 MW Caterpillar and Cummins generators
- 48-hour on-site fuel capacity per generator
- Multiple re-fueling contracts

Facility HVAC

- Twenty 135-ton custom Trane rooftop units
- Over 1000 cfm for each supply and return
- Multiple thermal layers and real-time electronic adjustment of cooling needs for each individual cage or cabinet space
- Additional overhead cooling is available for high-density environments in raised floor areas
- Multiple Liebert CRAC units provide cooling for electrical rooms and private micro-suite data centers



Fire Protection

- Pre-action multi-zoned VESDA smoke detection system monitoring all areas of data center
- Two-stage dry pipe suppression system with localized distribution

Telecommunications

- Multiple carrier options available (AT&T, AboveNet, XO, Verizon, etc.)
- Highly available, low-latency, DWDM deployment of dedicated fiber to 350 Cermak via North and South to pick up additional carriers as requested
- Multiple fiber routes delivered from two diverse Latisys-owned fiber vaults on premise

Cage Specifications

- Secure, swipe card access
- Steel cage with Maglocks
- Sliding door
- Latisys-provided cabinets available
- Custom configurations available

Additional Specs

- Conference room available
- Hoteling office space available
- Kitchen area available
- 24x7x365 remote and smart hands