US INTERNET
Get Your Net's Worth®

US Internet's Next Generation Data Center

US Internet operates Minnesota's # 1 Data Center, hosting many of the state's largest enterprises, Fortune 500 companies, pace-setting organizations from around the globe and thousands of medium and small firms. In business since 1995, the company owns the building in which the center is located as well as the surrounding land. This gives USI firm command of strategic operational imperatives critical to keeping the 24x7 manned facility on the cutting edge.

Driven by strong demand for collocation, hosting and disaster recovery services, the center has recently been expanded, bringing the total square footage to approximately 20,000. The latest leading edge equipment and technologies have been brought together in a forward looking architecture that improves customers' operating efficiencies and eliminates risk. And, as a privately held company built on agility, flexibility and an acute focus on our customers' needs, USI makes it a point to offer highly customized solutions for everything from floor space and rack configuration to cloud services.

Treat you data with operational excellence and give your company a strategic advantage.

Here you can get as much or as little capacity as you need, with caged space and build-to-suit racks. Use space by the rack or by the "U" for a solution that fits your data and your budget.

▶ Standalone Liebert FDC enclosures that integrate power distribution into the rack, provide multiple voltage and monitoring options and reduce the risk of multiple unit failures.
▶ Redundant power buses, N+1 redundancy for UPS, generators and power distribution.
▶ Libert NX UPS modules with softscale technology provide quick configurability to make on-the-fly change and growth easy.
▶ AC power 100% generator backup.
▶ And more (see specifications)

Raising the bar on state-of-the-art, redefining World Class

US Internet has blown past conventional engineering methods to ensure the highest quality, most efficient and reliable data management experience available. High capacity, multi-tiered power designs, cooling and fire protection systems, top-notch professionals and bullet-proof security standards keep your data safe, keep your costs low and, of course, deliver 100% uptime.

Power
The data center is treated like a well fortified bunker, with redundant power feeds, redundant UPSs and generator backup.
▶ Rack capacity up to 23 kilowatts—far beyond the 1 kilowatt limit that most data centers offer.

Cooling
Racks are air-cooled 100% from top to bottom, eliminating the need to jockey for cooler slots on lower shelves or racks along the perimeter of the room.
▶ Precision high density Liebert XD refrigerant-based cooling modules provide focused rack cooling, and remove the risk of total system failure—which can happen with chilled water methods.
▶ Liebert DS room based cooling systems complement the XD modules, providing precise, reliable control of room temperature, humidity and airflow.
▶ Temperature is maintained by 72° F dry bulb at ASHRAE 1%.

- 30% to 60% non-condensing humidity control delivered through Liebert ATSs via infra-red humidifier.
- Under-floor cooling provided by computer-room grade equipment

- Cooling not less than 200 BTU/h per square foot with N+1 redundancy
- Backed up by diesel and natural gas generators

Fire Protection

All the right technologies have been brought together to develop a multi-tiered failsafe fire detection and suppression system.

- The VESDA very early warning Aspirating Smoke Detection system samples the air continuously to provide the earliest possible warning of an impending fire hazard. Mulit-level warnings and a wide range of sensitivity that does not degrade or change over time ensures that even minute levels of smoke are detected before a fire has time to escalate.
- Key team members are notified immediately of any alarms.
- Dry pipe pre-action sprinkler rated for telecommunication equipment and computer room.
- Spot sprinkler heads activate to extinguish fire on a very precise localized basis.
- FM-200 waterless fire suppression systems are distributed throughout the facility. Upon activation they reach extinguishing levels in 10 seconds or less, dousing fires of all types and minimizing damages.
- Under floor leak detection system

Highly qualified crews

US Internet's highly trained and experienced staff are backed up by dedicated experts from the supplier of each technology area who regularly monitor, test and evaluate the integrity of the equipment onsite. Your needs and

issues are brought to the immediate attention of the very engineers who architected the data center, solution platforms and applications. Potential issues are addressed and headed off before they become problems. Resolutions are implemented quickly with a proactive plan to head off future concerns.

Interconnection Options

A 40 Gbps geographically diverse fiber ring links the USI Data Center to the Minneapolis 511 building to support worldwide connectivity. In addition, multiple gigabit feeds from all the leading carriers are available to allow customers to select their provider of choice. Provisions include:

- Multi-diverse fiber paths
- N+1 redundancy for all network facilities
- Multi-layer bit carrier options
- Border gateway protocol BGP4

Support

For any assistance you require help is only a phone call away—24/7/365. You have the full support of our experienced and expert technical support team, who are backed up by the full contingent of consultants and engineers who live our solutions and are committed to your success.

Schedule a Visit

Contact us for more details or to schedule a tour of our SAS 70 Type II data center.

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Specification Summary

Power
- Rack capacity up to 23 kilowatts—far beyond the 1 kilowatt limit that most data centers offer.
- Standalone Liebert FDC enclosures that integrate power distribution into the rack, providing multiple voltage and monitoring options and reduce the risk of multiple unit failures.
- Redundant power buses, N+1 redundancy for UPS, generators and power distribution.
- Libert NX UPS modules with softscale technology provide quick configurability to make on-the-fly change and growth easy.
- AC power 100% generator backup.
- 200 watts per square foot, including HVAC
- 208V 1-phase, 208V 3-phase and 480V DC power available
- Voltage output: 480V transformed to 120/208V
- 1,200 amps expandable to 10,000 amps
- True A/B power feeds
- Grounding in accordance with NFPA 70
- 48V DC batteries for UPS power backup
- Diesel and natural gas generators with auto start and auto transfer with isolation bypass
- 2,000 fuel tanks with minimum 24-hour run time capacity
- 2-hour response for fuel recovery
- Roof space for equipment mounting
- Conduit and inner-duct

Security
- Controlled check-poing access with biometric scanning technology
- 24x7 manned security via the Security Operations Center (SOC)
- Remote camera monitoring 24x7, backed by digital recordings on file for 30 days
- Secure access to equipment area 24x7
- Security escort services 24x7 at site to non-secured equipment areas
- Locking cabinets and/or cages
- Full close circuit TV surveillande
- BMS equipment monitoring system supported by USI's 24x7 operations center

Floor Space
- Top-quality, electrostatic dissipative raised floor tiles designed for 300 lbs. per square foot floor load
- Meets all code specifications for safety and electrical grounding, per NFPA 70
- DC power and communication cabling tray and pathways
- Optical fiber guide conveyance system
- Comprehensive and flexible cabling infrastructure

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