

## FastServers.Net Data Center Chicago

Theme: Security, Stability, And Solid Transit

### New Chicago Data Center

Located in downtown Chicago, IL in the former Western Union building, our third data center is the mark of FastServers.Net's continuing growth. The facility housing our data center is owned and operated by Switch and Data, a leading provider of carrier neutral colocation and interconnection services. With up to 15,000 sq ft available to FastServers.Net, the Switch and Data facility is a foundation for one of the most secure, stable, and solid transit network ever – just as we have done with our Fremont, CA and Cedar Falls, IA data centers.

#### Facility Features:

- “Man Trap” for advanced security.
- Secured by engineers and on-site staff 24x7.
- Escorted access at all times for added security.
- Redundant and diverse IP providers.
- Redundant dual power feeds.

### N+1 Redundancy = Solid Infrastructure

Our data centers must be able to generate enough power to maintain our network and consistently keep servers up and running at 100% capacity. In order to build a solid network, 100% uptime, and continuous availability, we have implemented N+1 Redundancy. N+1 Redundancy uses multiple “redundant” facilities plus an additional spare unit, providing an infrastructure for maximum uptime in cooling and power to the network.

The FastServers.Net network our network utilizes redundant UPS power and generator backup, fire protection, robust temperature and humidity controls – built directly into the FastServers.Net infrastructure. In the event of a double failure, a cold stand-by unit is on-site for fast replacement and restoration of service.

#### Specifications:

- 1,000 to 1,600 amps at 480 volt total capacity
- 80 to 85 watts per square foot including HVAC
- 100% generator backup
- Minimum 24-hour run-time fuel capacity and two-hour response for fuel delivery
- UPS backup power
- Fuel tanks have 1,000 to 2,000 gallon capacity.

### More Security, More Confidence

Security is a vital part of any data center, its network, and customer data being stored on each and every server. Setting higher standards and taking every precaution necessary to build and maintain one of the

most secure and safest facilities on the planet, can only be accomplished by the joint efforts of both FastServers.Net and Switch and Data.

#### Security Features:

- 24/7 security via the Security Operations Center (SOC)
- Remote camera monitoring 24/7, backed by digital recordings on file for 45 days
- Escort services 24/7 at sites with non-secured equipment areas
- Full CCTV surveillance
- Falcon equipment monitoring system supported by Switch and Data's 24x7 operations center

The FastServers.Net facility is ready to accept any independent reviews, including SAS-70 and HIPPA. We can accommodate your request accordingly and will make every effort to meet your requirements.

### An Inside Look

The inside of a data center facility has a tremendous impact on the stability and quality of its service. FastServers.Net's facility is on par with the most elite data centers in the world as the environment is clean, spacious, and well-maintained. The data center's cabling, flooring, and ceiling are designed to house and run “best of breed” servers. And the quality of the infrastructure, cabinet space, and power are consistent with FastServer.Net's highest standards of quality.

#### Customer Area Features:

- Racks are placed in secure, highly monitored areas for added security, safety, and overall quality.
- Open space for adding cabinets to enhance future growth of any business – large and small.
- Private cages for specialized client requirements.
- Top-quality, electrostatic dissipative raised floor tiles designed for a minimum of 100 psf, and in some cases, 250 lbs. psf floor load.
- Overhead AC distribution buss.
- Optical fiber guide conveyance system.

### Multiple Carrier And Interconnection Options

FastServers.Net has access to over 24 carriers and a multitude of interconnection points in the Switch and Data facility. Carriers include Level (3), MCI, Qwest, AT&T, Cogent, and Verizon, just to name a few. With so many choices from leading connection providers, we can offer solid transit in a stable environment. Redundancy

of throughput power ensures a solid connection to over 350 networks across the footprint.

The FastServers.Net network of services provide a unique blend of Level 3 and Hurricane Electric bandwidth to provide worldwide peering, fast trace routes, and low ping times.

#### Interconnect Features:

- Broad choice of leading fiber and circuit carriers.
- Pre-run conduit assures rapid connection to new carriers. And the large number of access providers in the facility assures the lowest possible telecommunication link charges.
- Overhead cable trays are provided for connectivity.
- Layer 2 switching architecture for public interconnection and peering.
- 24x7 diagnostic remote switch fabric and port monitoring.
- Business continuity through redundancy and diversity of options.

#### **On-Site Resources And Support**

FastServers.Net has resources on-site 24x7, including remote hands and access to the facility on an as needed basis. Our team of experts will monitor your servers, the network, and are available to quickly respond to any issues that may occur. We believe in a fast response, fast resolution, and an overall experience allowing you the freedom to do what you do best.

We know your time is valuable so we have built the FastServers.Net network to incorporate the fastest connections, excellent power, the highest security and true 24x7 on-site support.

#### **The Major Difference**

With our team of experts monitoring your server(s), you can be anywhere in the world and have access to support any time you need it – directly from the FastServers.Net elite team of engineers. No other company can provide the security and flexibility of FastServers.Net. Our ten years of experience can help you achieve your goals and will give you the opportunity to take your business to the next level.

#### Competitive Differences

- Remote Hands 24x7 – when you need it.
- Expert technicians on Linux and Windows based solutions.
- Configuration services available upon request.

- Secure backup service to Iowa FastServers.Net data center.
- Advanced technical support engineers on hand to respond to questions.
- Hardware Purchase Program available so you can have access to hardware when you need it the most.

#### **Remote Backup And Security**

Your server can be colocated in the FastServers.Net Chicago, IL data center while your data can be backed up remotely to the Cedar Falls, IA data center. We take extreme measures to ensure the highest level of backup security to our data center in Cedar Falls, IA. Our exclusive and sophisticated data center design in Cedar Falls has been engineered to withstand the most drastic environmental disasters. And our network and backup services have been engineered to stop hackers and potential data thieves in their tracks. Your server will be housed in a location where only you have access to your data, your server, and an elite team of experts monitoring and assisting you every second of the day.

#### **Data Center Tours**

Tours of the FastServers.Net data center at the Chicago facility are available upon request. We have expert facilitators available to answer any questions you may have regarding the building, setup, security, pricing, or anything you can think before, during, and after the tour. We highly encourage you to schedule a few minutes of your day to take a tour with one of our specialized engineers to get a full view of the many benefits and reasons you should utilize FastServers.Net's colocation services.

To schedule your tour with one of our advanced and expert facilitators, please call 1-866-753-3278, ext 166.

#### **Pricing**

We can provide you with full pricing details based on your specific needs and requirements. To learn more about FastServers.Net colocation services, visit our Chicago information web site at <http://chicago.fastservers.net> or pick up the phone and call 1-866-753-3278, ext 166.