

Data Center Specifications

Backup Servers are located in a secure Tier 4 (the highest level) datacenter located in Atlanta, GA. This facility has:

- 99.999% Reliability
- 4 Main, State of the art, UPS Systems
- 3 Generators with in-ground 5000 gallon fuel tanks to ensure power if there is an outage. Each rated 1.5 megawatt and 800 KVA
- A connection to the most reliable power grid in the state of Georgia through quad vaults on 4 feeds. This grid protects the main hospital in Atlanta so it is on a last outage program for critical services and was extensively upgraded for the Olympics. For the last 5 years the generators have only been used for testing.
- Eight 22-ton Redundant Liebert Air systems providing consistent temperature and humidity range in the datacenter.
- State of the art data center ID system and security including video surveillance and recording. All entrances to the Data Center have biometric scanning in combination with card key to prevent unauthorized access.
- FM200 Fire suppression and active monitoring with VESDA early smoke detection.
- Redundant Cisco BGP routing and switching infrastructure with cold spares on site. If equipment failure occurs, there is no interruption of service.
- 10 Gig Metro Ethernet ring for the core routing. Dual feeds of all aggregation routers ensure 100% uptime - some of the best - in the business.
- State of the art Avaya ANS BGP management system optimizing the routes on the 6 gig network in real time, 7000 times per minute based upon trace route performance, to ensure that your servers have the highest performance routing vs. a simple BGP configuration.
- State of the art monitoring system for all servers and network devices with instant failure notification.
- 6 backbone providers who are publicly peered with 12 providers including Earthlink. Our current network consists of Gigabit links to Abovenet, XO, PCC-BTN, SAVVIS, Telia, Level 3 and the Atlanta Internet Exchange public peering point. The Network depends on a few large pipes from quality providers to handle spikes in traffic and the occasional DoS attack as well as unknown traffic patterns in the case of a primary link failure. The network minimum Internet backbone connection is a 1 Gig pipe.