



➤ Datacenter (Server and Software)

- Dell PowerEdge Server
- Xeon Dual Processor
- RAID 10 Disk Array
- Daily System Backup
- MS Windows 2008 Server
- MS SQL 2008 R2 Server
- SSL (Secure Socket Layer)

➤ Datacenter (Security)

- 7/16 inch thick steel sheeting around the front door
- 2 level, man-trap, security access
- 256+ - fixed positioned, security cameras
- All camera footage is recorded and held for a minimum of 30 days
- Level 5 bullet-resistant walls / glass (Kevlar Lined walls) in the front entry, lobby, guard station, and shipping and receiving areas
- 24 x 7 x 365 on-site security guards, service is bonded
- No signage on building

➤ Datacenter (Power)

- 6 main electrical distribution buses
- 24 MGE UPS's
- 10 Caterpillar 2000KW (2.0MW) generators
- Each generator has 3,000 gals of diesel fuel – enough to power it for 22 hours at full load
- 4 – 12,000 gal. Diesel Fuel storage Convault tanks (in addition to the primary fuel tanks) provide enough fuel to run generators continuously for 72 hours at full load
- UPS batteries support datacenter load until automatic transfer to generator is completed
- 50 power management modules (PMM's) with 168 – 20 amp power circuits from each 165KVA power distribution unit (PDU); customized circuits provided as needed



➤ Datacenter (Power)

- Power is served to the PDUs via 2 separate independent UPS power sources
- Each PDU has it's own Automatic Static Transfer Switch which can switch the power to the alternate source within 4 milliseconds
- Contracts with local fuel companies to provide additional on-site fuel, once generators are started.

➤ Datacenter (Facility)

- Concrete Tile-UP Construction
- 24 Inch Raised Floor
- Dimax – Building Management, Alarm Monitoring System
- Power and Data cables are run perpendicular from each other.

➤ Datacenter (Fire Detection)

- VESDA – Very Early Smoke Detection System