

LCSI Web Hosting

Equipment Specifications

Web Server Specifications

UNIX Server
Redhat Enterprise OS
Dual Intel Pentium 4, 2.8ghz Processors
4GB Ram
Hot Swap Drives
SCSI Hard drives
Raid 5 configuration

Dedicated Data Server Specifications

Windows Server
Windows 2003 OS
Microsoft SQL Server 2005
Intel Pentium D 3.0ghz dual-core processor
2 GB Ram
SATA Hard drives
Raid 5 Configuration
Hot swap drives

Dedicated Firewall Specifications

All servers reside behind a dedicated firewall, Netscreen 5 GT Unlimited IP.

THAWTE Security Certificate

SuperCert, 128 bit encryption

Datacenter Specifications

Connectivity

- 6 different Tier 1 connectivity providers on a multi-homed, redundant network featuring Gigabit and OC3 Internet connections.
- Carrier-class Juniper firewalls, Cisco-powered core routing
- Fiber optic connections enter the datacenter through physically separate conduits
- Redundant routing architecture including hardware failover and Cisco HSRP (Hot Spare Router Protocol)

Climate

- Datacenter is kept at the ideal temperature and humidity level with redundant Liebert HVAC and climate control systems.
- FE-25 gas fire suppression

Advanced Power Systems

Power distribution system is designed for maximum redundancy including

- diesel power generators
- N+1 Redundant UPS Power Supply
- K-Rated transformers.

24/7 Monitoring and Support

The servers are continuously monitored for performance and technicians are automatically notified when a server experiences problems. Engineers are available at the location around the clock to respond to problems immediately.

Managed Backups

Full backups are performed on a weekly basis with daily incremental backups. All data is backed up to a SAN (Storage Area Network). The backup network itself is backed up to another SAN providing a 2nd layer of redundancy.

Network Diagram: Security System

