HOSTING INFRUSTRUCTURE

equaTEK Interactive's website hosting environment is built upon the latest hardware and gated by an industrial firewall to protect our servers and client's websites from intrusion and denial of service attacks. equaTEK employs its own cloud based network to further guarantee high availability in case of hardware failures. Following are more details about our hosting infrastructure:

Highly Available Infrastructure

VMWare's virtualization technology is employed to deliver a highly available network that reduces the system downtime to practically zero*. In the event of a hardware failure, the highly available servers fail over to secondary and tertiary systems keeping your website and applications up, running and available to your customers.

Hacker Prevention

equaTEK's hosting environment is protected by a SonicWall Firewall which limits the number of ports that are exposed to the internet and is able to detect and shutdown intrusions and denial of service attacks.

SonicWall Model NSA220 with Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention

Secure Socket Layer (SSL) Protection

equaTEK's hosting environment is able to provide 2048 bit encryption to any website through the use of SSL certificates. SSL communication encrypts data sent between the website and the client to protect the visitor and client information hosted by equaTEK.

System Backup

Utilizing Dell's VRanger Backup Solution for VMWare, equaTEK performs automatic daily backups of each virtual machine in our environment. This enables equaTEK to restore an entire virtual machine or recover individual files on a server. The back-up captures your website data on a daily (differential data) and weekly (full data) schedule. We currently maintain approximately 1 week of differential data - an amount which exceeds industry standards.

Database Server Protection

equaTEK's web server network utilizes database servers that are behind the firewall and not publically accessible to internet.

Co-Location Facility

equaTEK's web server network is co-located at TW Telecom's Tier 1 facility including:

- Secure environment with at least 3 locked doors between external doors and servers
- 24x7x365 surveillance cameras
- Gaseous based fire suppression system
- Redundant and reliable power infrastructure.
- Immediate Redundant UPS power protection.
- Redundant standby diesel power generators with fuel storage onsite.
- Dual HVAC units to moderate cooling and humidity levels.
- Carrier Neutral facility
- Connectivity to TW Telecom SONET based network including 100% fiber optic, fully redundant, self-healing digital rings.

* - not subject to causes such as: maintenance events, outages or delays due to other external forces beyond our reasonable control including but not limited to acts of God, war, strikes or labor disputes, embargoes, government orders or any other force majeure event.