Network Equipment

GalaxyVisions network operates on industry-leading network equipment from Cisco Systems. All our switches and routers are developed by Cisco. Our network is based on gigabit technology, which means that it runs at a speed of 1000 Mb per second - most web hosting networks are limited to 100 Mb per second.

Our network also utilizes 100% CAT6 network cable, which contains four pairs of copper wire and, unlike CAT5, utilizes all four pairs. CAT6 supports Gigabit (1000 Mbps) Ethernet and supports communications at more than twice the speed of CAT5e, which is the other popular standard for Gigabit Ethernet cabling.

Our core BGP+ network is built on Cisco 6500 series switches running 720 3BXL supervisors, connected to our core server network based on Cisco 3500 series catalyst switches. GalaxyVisions chose the Cisco 3500 series to be at the heart of its internal core network.

Each unit runs a combination of 10/100, 10/100/1000 along with short haul fibre interfaces and functions fully redundantly. GalaxyVisions maintain a full set of spares, including chassis, blades, power supply units and supervisor modules for the 3500 series catalyst switches they have in operation, and the 6500 routers.

Network Redundancy

From our redundant core, we supply two diverse network connections from two separate core switches. While only one connection is used to route traffic, the second connection is a hot-standby circuit ready to route traffic in the event of problem. The change-over to the hot-standby circuit happens instantly without any changes to the network configuration.

1. Additional network POPs maintained in 3 other NYC datacenter facilities.
2. Dual network cable drops to all racks ensuring no single point of failure.
3. Duplicate core and edge equipment ensures no downtime in event of hardware failure.

Connectivity and Bandwidth Providers

Here at GalaxyVisions by implementing only multiple Tier-1 providers and direct internet connections, it gives us the ability to bypass slower ISP's and shorten the path between our IT-Infrastructure and your clients. With our topology designed in this particular manner we provide lower latency, unmatched speeds, and top-notch reliability that you will not find anywhere else. To Recap, GalaxyVisions can provide you with the necessary tools, bandwidth and stability that you need today to run your mission critical applications.

FibreNet ● Cogent ● Tiscali ● Level 3 ● XO Communications ● AboveNet ● Global-Crossing

For more information on our products call 866.484.6121 or visit www.galaxyvisions.com

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