

## C A S E S T U D Y

### Client's Need

The client wanted to have a structured network LAN connectivity for their entire development centre with desktops located in four floors. Since it is a voice based call centre, the voice components were also taken care of along with data connectivity. As they were on a rapid expansion spree, their future growth in terms of number of seats was considered when designing the right solution for them.

### The Proposed Solution

Eight Chassis switches of 4500 series from Cisco were proposed. These high end switches have capabilities for VLAN and also for setting up VLAN policies and Inter-VLAN Routing. CAT 6 cables of Systimax (formerly Avaya Global) were used to network all the four floors. This solution was proposed keeping in mind scalability of the backbone. Four dual core gigabit Ethernet switches of Cisco 4510 series were used in the core for redundancy.



*Switches with Racks Displays*



*Catalyst 4500 Series Switches*



*Cat 6 Cables displayed*



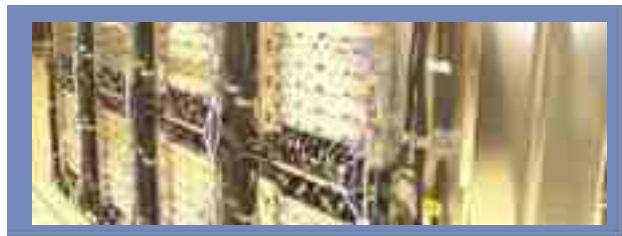
*Cat 6 cables with Jack panel displayed*

### Client's Need

The biggest challenge was in terms of the time deadline we were given as the entire duration, right from site inspection to solution proposed including implementation was to be completed in a hectic pace of forty five business days. As they were shifting their premises to the new development centre, downtime had to be minimal, considering the criticality of their online business.

The second issue was related to quality. As our clients were catering to global customers, quality was the foremost consideration when solutions were proposed for their LAN Connectivity. The process involved screening engineers and engaging only those who had undergone certification from Systimax.

## Structured Network LAN Connectivity



### Client Profile

Our client is a 100 % subsidiary of the Gibraltar based online gaming company iGlobal Media. The development centre at Hyderabad provides the back office support for online gaming and also develops software products and solutions for the online gaming industry. Their premier business is provided by Party poker which is the world's largest online gaming module.

### Their Infrastructure

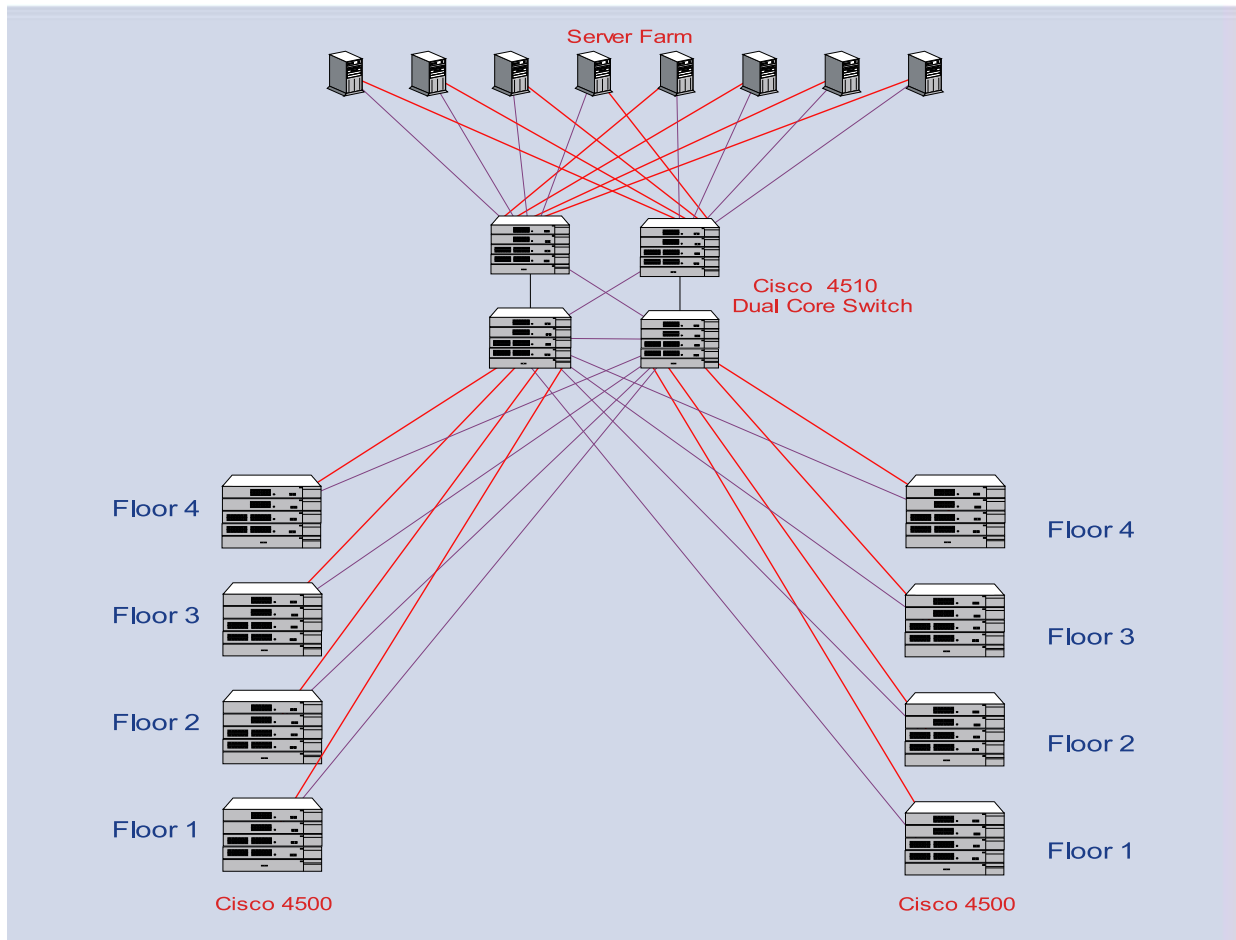
The Hyderabad based development and back office support division of our client has world class infrastructure to cater to the needs of the online gaming business. They have 400 servers from IBM all connected to the dual core switches and have around 4500 nodes for data and voice connectivity spread across four floors.

## Post implementation benefits

The highly reliable Multi-Gigabit dual core switch ensures high performance.

The entire network design was done keeping in mind the redundancy factor. The dual core architecture uses HSRP (Hot Standby Routing Protocol) which in case of failure from one end would act as a standby, thereby preventing entire network failure.

### Dual Core Network Architecture Implementation at our client site



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