

**GLOBAL SECURITIES & FINANCIAL ADVISORY COMPANY -One of the top global securities & financial advisory company starts its India operations. The Indian Operation delivers tailored solutions of securities & financial services to its Indian & global customers from India. The company builds state of the art Information Technology infrastructure with centralized data center to consolidate its data & applications in India.**

### ***The Challenge***

The IT Infrastructure had to be built in compliance to global standards and practices. There was a need to equip & integrate the best of breed technologies within the Datacenter.

The Turnkey Project was time bound as the Customer was incurring a huge cost on rental of business center.

To build highly redundant, robust, scalable and secured Datacenter integrating technologies from various OEM's which will support the entire business function of the financial organization.

To start the business functions such as Securities & Financial Services & products within a stipulated time and have the first mover advantage in the highly successful Indian market.

### ***Our Approach***

Allied Digital adopted the turnkey project consultancy method to address the requirement of the firm. Allied Digital consultants were involved in the project right from the time of the construction of the data center facility.

Allied Digital core design team from the Networking and Enterprise Computing SBUs worked together looking at all technologies to build and construct a highly relevant and customized design plan for the clients. The teams jointly worked in designing the datacenter layout. The design and implementation included designing the Premises Distribution Cabling System based on Systimax Structured Connectivity Solution (SCS), Local Area Network (LAN) design (Switching), Wide Area Network (WAN) design (Routing) based on Cisco Technology. The Enterprise IT Physical Security was designed based on Juniper Technology, The Capacity and Design on the Server Computing was based on Hewlett Packard, The Storage design was based on EMC and employed Microsoft Infrastructure services such as DNS, DHCP & WINS.

The Allied Digital design team incorporated the best of breed products & technology in the solution with the active support from the clients IT Support Team.

Allied Digital assigned a dedicated and approved project manager experienced in project management methodology and best practices, who was dedicated for the entire lifecycle of the project.

The Implementation of Local Area Network (LAN) – Wide Area Network (WAN), Enterprise Security- Implementation of Security Policies, Setup of IT Infrastructure Systems such as Server, Storage, Backup & Recovery at the data center, Setup, Integration of Microsoft Exchange Mail Messaging, was successfully completed by Allied Digital team of experts within the committed time frame, adhering to global standards, right project execution methodology and best practices.

### ***Results***

The customer was able to achieve a smooth and error free transition from the earlier infrastructure to the newly built infrastructure. The customer has also been able to consolidate and secure their information systems in the central data center along with sharing of their global knowledge-base and messaging system with their other offices quickly and efficiently using VPN. Firm now enjoys the benefits of collaboration & team work.

***Solution Building Blocks***

- Highly redundant Backbone LAN Switching Infrastructure with Cisco 4500 chassis based switch at the Core Layer.
- LAN connectivity to the Clients with Cisco 4500 Chassis based Switch.
- Enterprise level WAN connectivity Cisco 3800 Series Routers
- Enterprise level High End HP Servers
- Enterprise Level SAN Storage based on EMC Technology
- Enterprise level security based on Juniper technology.
- Link Load Balancing and Failover Mechanism based on Riverbed Technology.
- Microsoft Active Directory and Exchange Mail Messaging
- Proxy and Content Filtering secure connectivity based on Bluecoat Solutions

***Services offered by Allied Digital in this project***

- Turnkey Project Consultancy
- Project Management and Implementation
- Support

