



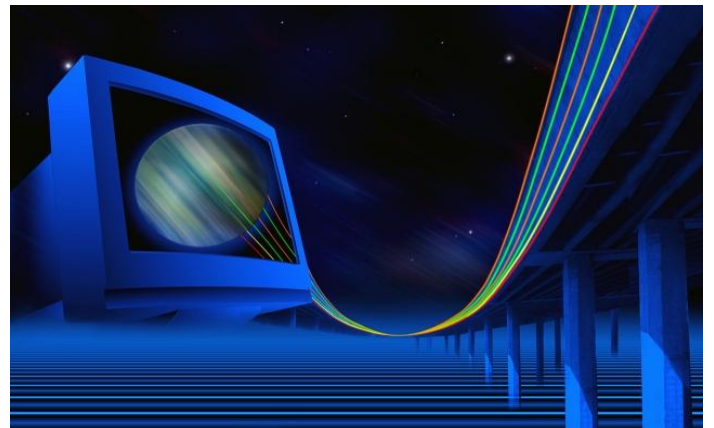
*Bringing Ideas to Reality*  
Case Studies



# Design & Implementation of Switching, Security & Wireless

## About Westin

Westin Hotels & Resorts® are havens of wellness and rejuvenation for those seeking a transformative hotel experience. They offer guests services to enhance their stay and leave them feeling better than when they arrived. They are having more than 160 hotels and resorts worldwide are defined by modern design, gracious service and a deeply relaxing atmosphere.



## Summary of the project:

Westin had the solution requirement of Networking, Information Security & Wireless for their corporate & guest network.

In this project, the major concern shared by Westin IT team were throughput of network, Network security, Physical and Logical separation of Corporate and Guest network, use of Wireless for guest network only & no common network sharing by both networks.





## Bringing Ideas to Reality

Case Studies



The major challenge of the project was the requirement of high availability of core switching & backbone connectivity. There was a major concern of security between the guest and the corporate network.

To add onto this, there was a major requirement of wireless for guests in all the rooms and common areas along with gateway security. The major emphasis was on the guest network as per Westin's business necessitate

To begin with, Targus configured Cisco ASA firewall as a perimeter security and core switches in a high available architecture mode as required by customer. Also, Cisco 4503-E at the core layer on high availability and Cisco 2960 were also configured to access switches situated in different hub rooms on different floors.

Connectivity between core & access switches on fiber with redundant links.

In terms of Scope of work, we configured VLANs, Inter-VLAN routing, spanning tree protocol (STP) to reduce choking/broadcasting in the network to provide loop free network as per the requirement.

Cisco AP1131G wireless access points (Indoor & Outdoor) were also configured to provide wireless access for their guest network and separated the corporate and guest network by logical separation.

### **Benefits to Westin**

- Complete network on high availability with redundant chassis based core switch and redundant fiber backbones
- Secured corporate network and guest network by creating logical separation (VLAN) and applying ACLs
- Availability of wireless LAN fir guests in the entire premises of Westin
- Secured inside network through perimeter security



With Targus  
There is, always a solution