GAJSHIELD
Progressive Security

ZODIAC CLOTHING COMPANY

INDUSTRY: Retail & Manufacturer

HEAD QUARTERED: Mumbai

PRODUCTS: Next Generation Firewall
GS 360dc at 2 locations
GS 80nu at 8 locations &
Enterprise Cloud at 100+ locations

Zodiac Clothing Company uses GajShield Cloud Security to secure its 130+ stores

BACKGROUND

Zodiac has evolved into a leader in men's fine clothing and accessories. Today, the name represents an international symbol of modern style, and time-honored standards- creativity and dedication. The company's philosophy speaks to the forward-looking consumer who values the rich eloquence of the past. Zodiac's continuous embrace of the human touch and the power of the imagination have resulted in innovative fabrics.

Zodiac has a COCO company owned & company operated model for its chain of 130 stores. Besides, selling its brands through organized retail chains and more than 1500 independent retailers, developed by European designers, the Zodiac Stores are extensively paneled in South American Rosewood, and cater to the tastes of connoisseurs.

Zodiac Clothing Company operates through one Head Office, six large locations outside the Head Office ("factories"), and 100+ company-owned retail stores. In addition, there are officers of Zodiac who are travelling.

CHALLENGE

Zodiac Clothing has an extensive security and support requirement that needs to be tailored according to the different entities involved in their model. The Head office of Zodiac clothing has 300 users working at their desks in Mumbai. Besides this, there are factories in major locations outside Mumbai, used for manufacturing or other production related activities. The third entity in the model is the Zodiac Clothing Store. There are numerous Zodiac Clothing Retail Stores that connect with the Head office as well.
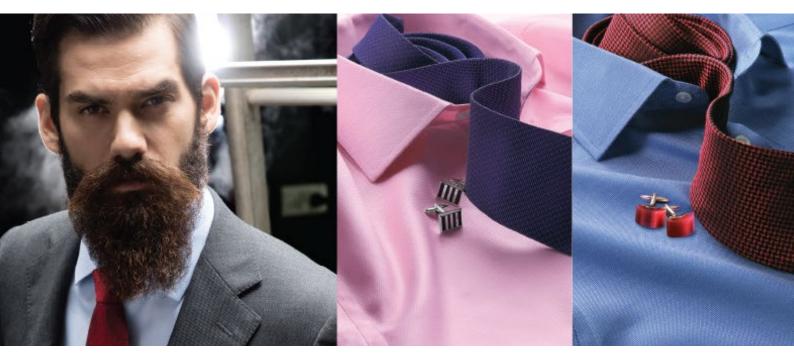
KEY CHALLENGES:

- Resctrictive Internet access
- Secured network access for Roadwarrior
- Filtering for malware & spam

KEY SOLUTIONS:

- Site-to-site VPN support
- Data Leak Prevention
- High Availability
- Load balancing
- Policy based routing

Another important entity in the Zodiac model is a Roadwarrior. Roadwarriors are individual users who move in and out of the major locations and access mails and data on the Head office servers securely using mobile devices or laptops respectively. The primary requirement for all entities is to connect to the Head Office securely. Besides this, various security features like Firewalls acting as VPN concentrators, filters for emails and HTTP traffic for malware and spams, policy management across appliances, malware filtering, etc. for simple rules like restricted access to YouTube between 0900hrs-1900hrs needed to be implemented. Additionally, advanced features like DLP support to prevent users from sending out documents through access to free webmail or file upload services also needed to be implemented. Appliances at factories required to be incorporated with key-based authentication, Software VPN clients for Roadwarriors had to be installed and software client had to be provided support for all four platforms used by roaming users and for mobile devices. Built-in VPN connection facility had to be built into each OS used for VPN access, without installing additional apps.

SOLUTION

Taking the varied requirements into consideration, different solutions were devised for different entities of the Zodiac Clothing security system. Explained below is the same in the form of a graphic and key pointers.

Firstly, for the Head Office, acting as the hub for all communication taking place, we implemented Gajshield's GS360dc appliance to provide a complete security solution. The GS360dc appliance provides complete visibility into various threats and performance inhibitors allowing the Zodiac Clothing Head Office to take informed and proactive security measures. GajShield's Firewall Threat Management solution incorporates ICSA certified firewall, Context based Data Leak Prevention System, Application Filtering, BYOD Policy management, VPN, URL Filtering, AS and AV filtering, Gateway Antivirus, Intrusion Prevention System and Performance Management with Traffic Analysis, Network behavior analysis, Policy based ISP Failover and Load Balancing along with Bandwidth Management.

GS360dc's firewall supports High Availability with Active-Active HA. The main purpose of an active-active is to achieve redundancy load balancing which can be easily managed using GajShield's "Centralised Firewall Management System." We also implemented schedule based ACL and web access filtering policy to block unwanted web access, For example- blocking www.facebook.com from 1000hrs to 1700hrs and DLP policy to monitor, block & log off all sensitive documents sent via web based mail & file upload services.

For Factories, we incorporated features to support multiple internet links on the appliance for fail-over, load balancing & policy based routing, Site-to-site VPN support, Internet link fail-over & fail-back for outgoing traffic, Site-to-site VPN fail-over support and a policy for Internet traffic to be filtered & routed through the ISP links due to which Office mail & Application traffic were redirected via a VPN tunnel as well as group wise browsing policy was implemented to enhance the browsing of users in the network and to restrict unauthorized internet access to the users.

For Stores entity, Gajshield implemented enterprise cloud client features for complete protection. Solution for Roadwarriors involved providing a VPN Client to access HO applications & email and a functionality for Internet to be directed via client's ISP link and the ability to manage the clients from HO and to get the visibility of their activities.

CONCLUSION

Taking the varied entities into consideration, different solutions were devised for different users of the model according to their requirements. Different security solutions for different entities in the model were customized and implemented to provide full security solutions to Zodiac Clothing Company. We incorporated various features like load balancing, policy based routing, VPN client access, Enterprise Cloud services and more especially designed taking into consideration the security concerns related to every individual entity resulting into developing a complete security solution covering all the aspects of their COCO Company owned & company operated model.