

**GAJSHIELD**

Progressive Security

## GajShield Case Study - Bata

### • Organization

BATA



**Mr. Anand Ranjan**  
(Manager - IT )

" We were looking at a comprehensive solution for threat originating from outside like spam, phishing, pharming, intruders, viruses, malware and spywares. We were equally worried out threats coming from internal users due to the advent of web 2.0 applications, Social networking sites, webmails and SSL enabled websites. "

### • About Bata

Bata has a worldwide reach, with operations across 5 continents managed by 4 regional meaningful business units (MBUs). Each unit benefits from synergies specific to their environment, such as product development, sourcing or marketing support. Each MBU is entrepreneurial in nature, and can quickly adapt to changes in the market place and seize potential growth opportunities.

### • Bata today...

- Serves 1 million customers per day
- Employs more than 40,000 people million customers per day
- Operates 4,600 retail stores
- Manages a retail presence in over 50 countries
- Runs 40 production facilities across 26 countries

### • Challenges

We had implemented CISCO ASA firewalls, VPN, to protect corporate networks and servers from threats coming from the Internet. However, these firewall modules did not enable us to identify, monitor risky activities and match them to users. We were unable to have granular control over the applications, users and content going out of their network. The specific challenges faced by Bata were as follows ;

- Spam Mails
- Control over content going out of Bata's network
- Visibility on users, application activity
- Malware, Adware originating from Web and Email
- Control over web browsing and applications
- Wanted to have redundancy on internet WAN Links

### • The Solution

The mail server is hosted on the internal data center, with one internet facing relay server and a MS Exchange internal Mail server. The mails are received on SMTP from the internet by the relay server and then routed to the internal mail server which is used by all the users at H.O. as well as other offices.

"Email is absolutely crucial for the users in Bata and is the lifeblood of communications within the organization, hence we were looking for a solution with superb spam detection rates and lowest false positive", said -Subhasis Nayak, Sr. Manager - IT, Bata.

"We did try out a few standalone, software-based spam filters with little success," said Mr. Anand Ranjan- Manager - IT, Bata. "Mail boxes were clogged with spam mails hence genuine mails got lost in the maze of spam and as a result business suffered. Often business mails were wrongly classified as spam false positives and deleted while spam still poured in."

GajShield's anti spam feature allowed users at Bata to reclaim their mail boxes by effectively getting rid of the spam mails. "Our users are happy and pleasantly surprised to find spam-free inboxes", Anand Rajan.

GajShield's anti-spam solution not only blocked spam, but also proved effective against any type of mail-based threats. The solution uses Recurrent Pattern Detection technology which is content-agnostic and equally effective against image based spam. Coupled with the Antivirus feature bata ensured their networks were protected from viruses, worms, Trojans etc. GajShield's Zero Hour Antivirus provided instant and proactive security from new Virus outbreaks.

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" GajShield has helped us to safely manage the use of applications that increase productivity while preventing threats from penetrating our network. DLP feature has allowed us to have better control over intentional or un-intentional leak of sensitive information from our network. "

" GajShield's technology helps us to proactively protect our networks from Virus breaks in Zero Hour, Spams and Spware outbreaks, better the productivity of applications and users. Multiple ISP support and bandwidth management has allowed us to better manage our bandwidth and build redundancy for business critical applications."

GajShield's anti-virus solution scans SMTP, POP3 mail protocols and HTTP and FTP protocols, leaving no security gaps. As all the web-based traffic is scanned for spyware and malware, clean and secure web surfing and email transactions became a reality.

"Our perimeter boundaries are blurring as we are connecting customers, partners, traveling users who are connecting to our network and application, hence we were very concerned about data leakage" Anand Ranjan, Bata

Employees, whether innocent or malicious, can easily send a Webmail or instant message or do a web upload with confidential information. Information can be posted on social networks and blogs instantaneously. GajShield's Data Leak Prevention gave the visibility into what content was being uploaded on the Web, Instant Messaging, Email and SSL traffic. One other key advantage that GajShield gave was it would capture the data being typed and sent in Web mails like Rediffmail, yahoomail, gmail and MSN. It allows to set various policy setting at a granular level to prevent such data leak and provides proactive security.

GajShield's user-based web filtering ensures employee accountability, which in turn leads to decrease in harmful and unproductive surfing. The IT department has created groups and assigned Internet access rights based on their business profile in Bata. GajShield UTM blended seamlessly with their existing Active Directory Services (ADS), saved Bata from creating users individually on the UTM.

#### **GajShield web filtering allowed Bata identify and implement policies to elevate the following :**

- Liability—adult & gambling sites
- Productivity loss—news and sports sites
- Bandwidth loss—streaming and other media sites that consume bandwidth
- Security risks—sites that bring down viruses, spyware, and other malware

Bata had multiple locations connected to the Head Office through MPLS connectivity and they wanted to define security control for applications being used from the branch offices and vice-versa but they wished to do this without having to make any change in the network and IP addressing scheme. The MPLS networks were connected to network GajShield's Layer-3 bridging and then defining security controls.

GajShield Policy based ISP failover and Loadbalancing was very helpful to Bata in effectively utilizing the internet link and creating redundancy for business critical applications. Bata has three internet links terminating onto GajShield UTM, and GajShield distributes the link in manner in which business critical traffic get's the more robust link and less critical applications gets the other link and business critical traffic automatically failover to the other internet links if the primary link is down.

#### **• About GajShield**

GajShield is a leading innovator of UTM appliances offering powerful & integrated protection, Data Leak Prevention, Application, user visibility & control, granular policy definition, zero day protection. GajShield delivers pro-active security to networks delivering real-time protection against fast moving threats like spyware, phishing, masked applications like Malware, Adware, P2P, Instant Messaging and provide visibility and control over content going out of an organizations network. GajShield UTM appliances are used by more than 1000, Small businesses, enterprises, educational and government institutions to protect their networks proactively. For more information call 91-22-6660 7450 or email [info@gajshield.com](mailto:info@gajshield.com)