Blue Coat's Secure Web Gateway empowers one of India's leading Oil and Gas Company with a comprehensive security solution.

Client Background

An Indian state controlled oil and gas company headquartered at Mumbai operates two large refineries of India one each in western and southern regions of the country.

The company has deployed state of the art centralized Internet Gateways across its two data centers in Mumbai and NCR region. The internet user populace of the company is spread across more than 200 pan India locations wherein the entire Internet bound traffic converged onto the two gateways. There was a total 256 Mbps internet bandwidth available at one datacenter and 64 Mbps bandwidth at the other datacenter of the customer.

This was causing frequent roadblocks with respect to bandwidth availability and the access speed to the users at any given point of time. The customer wanted a new solution for a more comprehensive view of Web Security across the gateways and ensure faster and secure access to its users.

Solving the Pain Points

The customer decided to refresh existing On‑Premises Secure Web Gateway (SWG) solution with a Hybrid Web Security solution encompassing On‑Premise SWG Appliances for on premise or in-house users on premises and a Cloud based Secure Web Access solution for roaming (or on field) users. Providing the same level of security to the roaming users like the pn premise users was a key requirement.

Wysetek Systems Technologists understanding the key requirements of a secure SWG appliance recommended Blue Coat's Secure Web Gateway solution. With the growing threat landscape, web security is more important than ever today. Blue Coat ProxySG offers the most scalable, flexible, and comprehensive web security solution available. Blue Coat has the most experience and breadth of coverage for web security today.

Wysetek helped BPCL to migrate from exiting on premise web-security solution to Hybrid solution containing on premise as well as cloud based Symantec (Blue coat) web security. Wysetek has replaced a leading brand with blue coat web proxy (SECURE WEB GATEWAY – ASG -S400-20) four number appliances, two at CDC (Western region) and 2 at IDC (Northern region) for the customer. "Blue Coat's Secure Web Gateway offers the most integrated technologies, most options for authentication, most flexible policy engine, the leading performance (including SSL proxy), and the most advanced caching and web filtering technologies," says Cherian Thomas, Director, Wysetek Systems Technologists.

The Big Benefits

Blue Coat delivers a scalable, high performance platform, including hardware appliance, virtual appliance, and cloud solutions, offering a true open hybrid security solution.

The on premise users as well as roaming users at the customer end got a seamless access to the internet services as per the company policies. The roaming users are automatically diverted to the cloud when out on the road and when they come into the on premise perimeter, they are diverted to on premise appliance.

The CIO and IT team at the customer now have the ability to implement unified policy and unified reporting across all these solutions offers ease-of-use and management based views into the activity of users, in a single report, regardless of how the user connected to the internet (through the datacenter SWG, branch office or cloud solutions).

In addition to the same policy and security across all these environments, administrators now have the benefit to choose to implement location based policy. They can now offer users more access to certain types of websites (recreational for example), when on the cloud and public networks, but implement more restrictive policies for the same devices connected through corporate resources.

Key Benefits of Web Proxy Appliances to the Customer

1. On premise users as well as roaming users get a seamless access to the internet services as per the company policies.
2. The roaming users are automatically diverted to cloud and back on premise appliance when inside corporate premises.
3. Implementation of unified policy and unified reporting offers ease-of-use and management based views of users' activity.
4. Location based policy gives access to users for certain websites on public network but more restrictive policies for on premise connection through corporate resources.

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