Wysetek team understood the business challenges and security perimeter of the customer and suggested Radware DefensePro a DDoS solutions.

An Indian state-controlled oil and gas company headquartered in Mumbai operates two large refineries in the country located each in west and south of India. Mumbai and Kochi.

The corporation has a nationwide network infrastructure including of all the regional offices spread across the nation with 10000+ employees, along with vast number of users. All the internet and IT traffic converges at two datacentres located in Mumbai & NCR, with Mumbai being the Primary DC which hosts various servers, databases, security devices and all the applications used by BPCL along with many other network devices for their business & consumers.

Business Need

The Oil & Gas Company with a large network infrastructure caters their user spread across the easy access of their applications hosted on internet as well as serve their employee the ease to access their local network from anywhere. Hence there was a need to protect their network from the unwanted DDoS attacks and prevent false detection of the attacks.

Also with its increase in the number of users; the network devices in the infra there was a need to upgrade some parts of their network to continue providing uninterrupted services.

Role of Wysetek

The corporation awarded this task to Wysetek as a technology partner to implement a solution to solve the business need. Wysetek leverages more than two decades of rich experience in providing Integrated Technology Solutions to SMEs and Large Corporations across India.

Wysetek team understood the business challenges and security perimeter of the customer and suggested Radware DefensePro a DDoS solutions, says Amit Kumar Sharma, Technical Specialist (TSD), Network & Security, Wysetek Systems Technologists.

DefensePro provides advanced DDoS prevention, protection and IoT botnet attack mitigation. It is an award-winning, real-time, perimeter DDoS defence and attack mitigation device, securing organizations against emerging network and applications threats. Part of Radware's attack mitigation solution, DefensePro provides automated DDoS defence and protection from fast moving, high volume, encrypted or very short duration threats, including IoT-based attacks like Mirai, Pulse, Burst, DNS, TLS/SSL attacks and those attacks associated with Permanent Denial of Service (PDoS) and Ransom Denial-of-Service (RDoS) techniques.

Radware's DefensePro as a solution to mitigate the DDoS attacks was implemented by Wysetek team.

"The customer and its clients reaped the benefits of a fully integrated solution that encompasses behavioral-based attack mitigation,which can detect attack signatures and block attacks within seconds; DDoS attack detection and prevention; centralized attack management as well as monitoring and reporting," says Amit.

Key Benefits

Radware DDoS mitigation solution has proven to be transformative for customer's DDoS defences. The company has experienced a greater improvement in catching and stopping DDoS attacks.

Taken together, network infrastructure and cloud service companies face thousands of daily attacks. "These attacks have become significantly larger and more sophisticated with the rise of massive botnet armies. DefensePro's ability to mitigate attacks in real time shores customer's defences, even against attacks that dynamically change. By extending that protection to its own customers, the organization now offers greater value and protection for the many clients it serves,"says Amit.

Pairing with Radware DDoS mitigation solution, it has proven to be transformative for company's DDoS defences. "The company has experienced a greater improvement in catching and stopping DDoS attacks of varieties that would have been missed. In addition to fewer false negatives, the company also noticed far fewer false positives, which has saved countless hours of wasted work and stress," says Amit Kumar Sharma, Technical Specialist (TSD), Network & Security, Wysetek Systems Technologists.

What is Radware DefensePro?

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- An award-winning, real-time, perimeter DDoS defence and attack mitigation device, securing organizations against emerging network and applications threats.

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Benefits of Radware DefensePro for Oil & Gas Company

- By extending that protection to its own customers,organization now offers greater value and protection for many clients.

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