

## SECURE BANKING INFRASTRUCTURE

Wipro enables securing the banking infrastructure by providing end to end network security and Priveleged Event Monitoring for one of the largest banks in the United States of America



## INDUSTRY LANDSCAPE

The Banking and Financial Industry has always been a major target for security attacks and breaches primarily due to the nature of the industry. In addition to this most of the large players have been increasing their footprints across regions through organic as well as inorganic growth which was resulting in increased complexities, operating costs in addition to the ever present regulatory and compliance pressures

## THE OPPORTUNITY

Being one of the largest financial corporations based out of America, the client was overwhelmed by monitoring and analyzing huge number of events generated by their large network infrastructure comprising of numerous firewalls, IDS/IPS, proxies. They wanted an IT partner who could ensure high standards of security as well as respond quickly to keep projects on track, consistently perform to high standards and continually seek out new ways to reduce operating costs.

The client also wanted to ensure proactivae security measures through 24\*7 Monitoring of the actions of privileged users which were being performed on above 6000+ devices spread across various platforms viz.; wintel, linux, teradata etc

### IMPROVED SECURITY POSTURE

 35%

Increase in time savings due to automation of manual processes

 50%

Increase in competency of security personnel at the client site

24\*7

Monitoring of network infrastructure

## SOLUTION

Wipro provided a managed security services engagement focusing on Network Security and Privileged Event Monitoring.

Wipro focused its solution on the following key tenets

- 24x7 monitoring of the entire network infrastructure by configuring Correlation rules – to notify on security breach. Configured and scheduled reports for uncontrolled, Demilitarized Zone, Intranet traffic to understand & baseline the traffic activity in the network template
- Proactive monitoring of the network infrastructure to signal signs of positive/negative spikes (signs of breach) on any of the devices
- Generated, analyzed and maintained the privileged activity reports on a daily basis with retention period of 13months. This is a mandate requirement per the controls enforced by the risk policy also required for the internal and external SOX audits

Wipro took over additional processes/responsibilities with the current team strength. These included detecting and remediating malware infections across the network using FireEye MPS and McAfee EPO, working with the client's threat intelligence team on categorizing websites/URLs(as phishing, malicious etc.) with bluecoat proxy team based on the intelligence reports

## About Wipro Technologies

Wipro Technologies, the global IT business of Wipro Limited (NYSE:WIT) is a leading Information Technology, Consulting and Outsourcing company, that delivers solutions to enable its clients do business better. Wipro Technologies delivers winning business outcomes through its deep industry experience and a 360 degree view of "Business through Technology" – helping clients create successful and adaptive businesses. A company recognized globally for its comprehensive portfolio of services, a practitioner's approach to delivering innovation and an organization wide commitment to sustainability, Wipro Technologies has over 140,000 employees and clients across 61 countries.

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## KEY HIGHLIGHTS

Wipro's engagement was structured in such a way that the client's needs were given utmost importance. Four key areas addressed in this deployment were as follows

### RELIABILITY

Wipro ensured that client's trust was maintained by meeting or exceeding pre-established service level agreements on a consistent basis

### COMPLIANCE

Wipro ensured complete compliance by presenting the required evidence for all the monitored SOX controls during audit

### COST SAVINGS

Our tiered pricing structure and top-line enhancements enabled increased cost savings in terms of resources

### FLEXIBILITY

Wipro adjusted schedules to accept increased responsibilities and meet the project timelines when needed