

BUSINESS ANALYTICS  
Tracking / Year-to-Date

# Customer Story

INDUSTRY: BFSI

## COMPANY FACT SHEET

Leading Cooperative Bank in India  
Headquarters: India  
Employee Strength: 4K+  
Net Profit: 209 Crore INR (2023-24)

**A renowned state cooperative bank, with the support of an external technology consultant, engaged Vehere to deploy its advanced AI Network Security solution, enabling the bank to secure its network against sophisticated cyberattacks.**

## CHALLENGES FACED

The bank typically faced significant challenges to maintain secure, efficient, and reliable networks. Traditional monitoring and security tools proved

inadequate against sophisticated attacks, resulting in high operational costs, increased risk, and poor user experience. Vehere AI Network Security addressed these challenges by providing automated, context-aware, and scalable detection of network anomalies. This significantly reduced the time and effort required to maintain a secure and high-performing network of the bank.

- Before implementing the Vehere AI Network Security solution, the bank lacked comprehensive visibility into their network traffic. This limited visibility hindered their ability to effectively identify and differentiate between normal and abnormal network activity. Without a continuous monitoring solution in place to analyze network patterns, recognizing and responding to potential threats was challenging.
- The bank also grappled with high volumes of false positives, especially from traditional monitoring systems. They were overwhelmed by alerts that did not correlate with actual security threats, resulting in alert fatigue and inefficient resource allocation.

- Traditional security tools struggled to identify novel or zero-day attacks due to their reliance on pre-defined signatures. These tools were ill-equipped to detect attacks that did not fit existing patterns. Consequently, a proactive approach to network behavior analysis was essential, focusing on identifying and responding to emerging threats in real time.
- Configuring and tuning traditional network security tools proved complex and time-consuming for the bank, often requiring specialized expertise. Without a dedicated security operations team, achieving optimal performance from these systems was a significant challenge, hindering their overall security posture.

The primary goal was to achieve continuous visibility into networks, assets, and user activities, coupled with robust analytics to understand behavioral patterns. The intention to consolidate the entire security posture onto a unified platform for a comprehensive overview.

Also, the Vehere AI Network Security solution was chosen by the bank because of the following factors:

- Cost management
- Create internal/operational efficiencies
- Improve business process outcomes
- Improve compliance & risk management

## BENEFITS

The bank implemented Vehere AI Network Security—a unified solution of Network Detection & Response and Network Forensics to enhance its network's resilience against sophisticated cyber threats. This integrated solution provides a holistic view of network activity, enabling proactive mitigation of cyberattacks and establishing a strong security foundation for the bank.

- Achieved real-time visibility into all network traffic, including encrypted communications using JA3 fingerprinting, with our lossless full packet technology that captures all network traffic, allowing for in-depth analysis of every data packet traversing the network.

- Minimized false positives through a combination of advanced machine learning algorithms, contextual analysis, customizable thresholds, and continuous monitoring and refinement. Better differentiation between normal and anomalous behavior helped in reducing the number of false positives and improving the efficiency of security operations.
- Detection of Zero-day Malware—previously unknown threats that exploit vulnerabilities before they are patched—through our next-gen Sandbox Technology. By isolating suspicious files and executing them in a controlled environment, our File Analysis feature analyzes behavior without risking exposure to the main systems. Our cutting-edge Behavioral Analytics solutions are designed to detect and neutralize advanced threats within the network.
- Management and monitoring of diverse IT infrastructure through a centralized platform for securing sensitive financial data and ensuring operational resilience by enhanced visibility and improved efficiency. This approach helps in proactive maintenance, thereby minimizing downtime and ensuring smooth operational continuity.

## CUSTOMER THOUGHTS

“ We are using Vehere NDR for one of our banking customers. The product has more enhanced features to identify the anomalies over the network with the help of AI/ML-based policy fine-tuning. ”

*-External technology consultant*

## WINNING FORMULA

- Product functionality and performance
- Product roadmap and future vision
- Strong customer focus

## VEHERE AI NETWORK SECURITY

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Vehere AI Network Security stands at the forefront of cybersecurity solutions, offering a powerful combination of Network Detection & Response (NDR) and Network Forensics (NF) capabilities. Utilizing the latest advancements in AI technology, Vehere Network Security meticulously examines network traffic to identify potential threats, providing the end-user with an unparalleled level of protection for their sensitive data and brand integrity. This comprehensive solution is designed to offer a robust defense mechanism against the ever-evolving landscape of cyber threats, ensuring the security and resilience of your critical network infrastructure.

## ABOUT VEHERE

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Vehere is a new-age Cybersecurity software company specializing in AI Cyber Network Intelligence. For more than a decade, Vehere has been supporting counter-terrorism analysts in Defense & Intelligence communities. Vehere is now trusted by cyber-analysts in Fortune 500 companies, including Telecom, Financial Institutions, Smart cities, to protect their critical infrastructure against real-time cyberattacks.

Vehere preserves fundamental principles of privacy and civil liberties. We proactively defend your cyberspace by cross-leveraging our expertise between national security and enterprise security.



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