



World's Largest Public-Sector Bank Strengthens Packet Visibility and Forensic-Grade Retention with Vehere NDR



Customer Overview

A national public-sector banking institution operates one of the region's largest financial networks, with assets exceeding USD 735 billion and serves the world's largest customer base of over 500 million customers through an extensive nationwide footprint. Its operations span more than 23,085 branches, large-scale digital banking platforms, and mission-critical backend systems. The institution's infrastructure extends across multiple data centers, core banking environments, payment networks, and high-volume transaction systems, making security, visibility, and forensic readiness fundamental to business continuity and regulatory compliance

Business Requirement

Driven by regulatory mandates and internal risk controls, the bank required a solution that could

- Retain full packet capture (PCAP) for a minimum of 7 days across critical banking network segments
- Maintain 180 days of network metadata retention for audit traceability and investigations
- Ensure forensic readiness and evidentiary integrity for regulatory reviews
- Meet strict storage performance and reliability benchmarks
- Operate entirely on-premises, without any cloud telemetry or external data exposure
- Scale cost-effectively across a large, distributed banking environment

Solution Delivered

The bank deployed Vehere NDR as its core packet visibility and forensic retention platform, enabling native 7-day PCAP and 180-day metadata retention, high-throughput packet capture optimized for large-scale banking networks, forensic-grade packet storage with assured integrity and audit traceability, and a minimal hardware footprint that reduced deployment and operational overhead-while operating entirely on-premises to ensure sensitive banking traffic never left the environment.



“As regulatory scrutiny increased, the bank required a high-performance NDR with full-packet visibility and forensic retention, capable of operating reliably at scale across critical banking infrastructure.”

Key challenges

The bank faced several operational and technical challenges:



Monitoring high volumes of E-W traffic generated by nationwide banking and payment systems



Operational complexity in deploying and managing heavy, decoder-based architectures



Regulatory pressure to demonstrate continuous compliance with mandated retention policies



Cost and licensing constraints associated with global packet capture vendors



Need for local support and faster turnaround in mission-critical environments

Vehere NDR's Win Areas



Regulatory-Aligned Retention: Vehere NDR met mandated packet and metadata retention requirements out of the box, ensuring audit readiness without architectural compromise.



Economics Built for National Deployments: Vehere NDR delivered superior value at market-efficient pricing, providing greater capability and scalability for the investment compared to global OEMs through the elimination of per-decoder licensing, optimized storage utilization, and reduced hardware dependency.



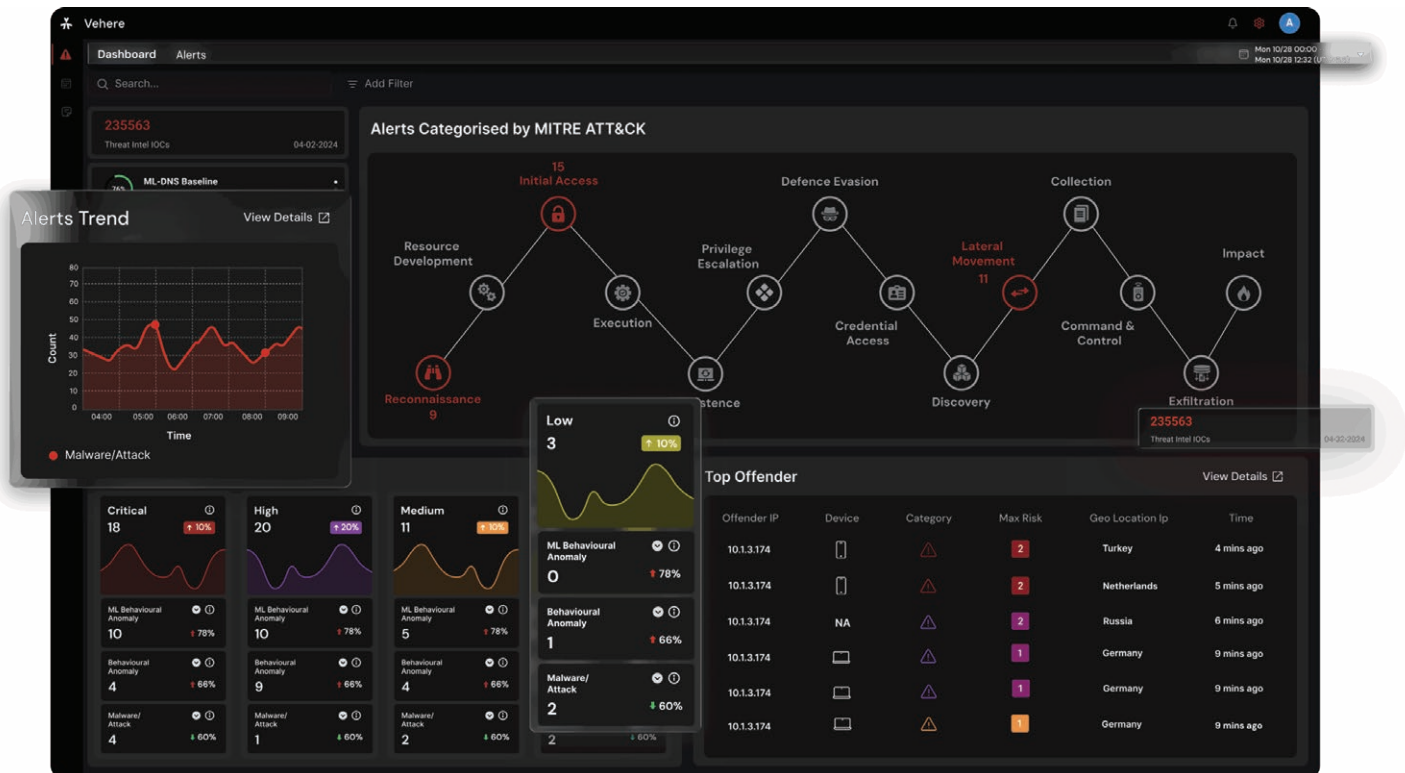
Performance Optimized for Banking Workloads: Designed for sustained high-throughput environments, Vehere NDR handled large transaction volumes without performance degradation.



On-Premises by Design : The solution operated entirely within the bank's data centers, eliminating any dependency on cloud telemetry and aligning with strict data residency expectations.



Strong Local Execution and Support : Vehere's local engineering and support capabilities enabled faster deployment, quicker issue resolution, and lower operational complexity.



Outcome for Customer

With Vehere NDR deployed, the bank achieved:



Regulatory-compliant packet and metadata retention across critical banking systems



Improved forensic readiness for audits, investigations, and incident response



Greater capability and scalability at market-efficient pricing compared to legacy global solutions.



Operational simplicity through a lightweight, scalable architecture



Confidence in data sovereignty with fully on-premises deployment

Vehere NDR now functions as a foundational security layer supporting visibility audit, and compliance teams across the bank's nationwide infrastructure.

Strategic Value Delivered

Vehere NDR has been enabling the bank to maintain continuous regulatory compliance, retain forensic-grade packet evidence at scale, reduce operational and licensing costs, and establish a resilient, future-ready security architecture across one of the largest public-sector banking infrastructures in the region.

About Vehere

Backed by over 18 years of experience supporting national defense, financial institutions, and critical infrastructure globally, Vehere NDR delivers high-performance packet visibility and forensic retention with an on-premises-first design. Optimized for security at scale, cost efficiency, and regulatory alignment, Vehere enables organizations to meet stringent compliance requirements while maintaining operational simplicity and data sovereignty.

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