# AI Network Security

Vehere Network Security (NS) stands at the forefront of cybersecurity solutions, offering a powerful combination of Network Detection & Response (NDR) and Network Forensics (NF) capabilities.

Our integrated approach meticulously analyzes raw network packets at full line rates, leveraging deep packet inspection to scrutinize the intricate details of each packet.

Utilizing the latest advancements in AI technology, Vehere Network Security meticulously examines network traffic to identify potential threats, providing our customers 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.



## KEY BENEFITS

Gain full Layer 3-7 visibility at wire speed, enabling complete capture and immediate analysis with advanced AI/ML technologies to minimize blind spots.

Automated Port agnostic protocol detection of thousands of protocols, which leads to accurate application detection and response.

Detect risks in encrypted communications without the need for man-in-the-middle, decryption tools for operational efficiency and reduced complexity.

Auto-Discover and classify every device that communicates on the network, including BYOD, IOT, and headless devices.

Examine and retrieve data from Layer 7 payload content.
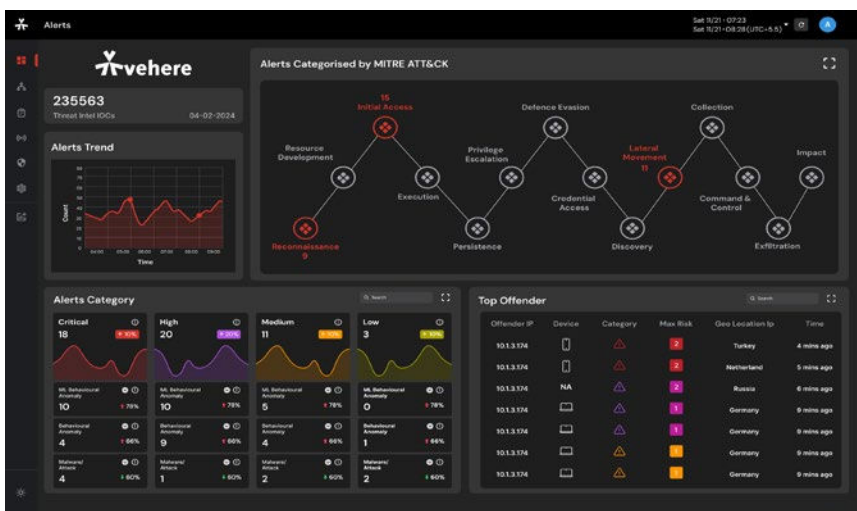
## KEY HIGHLIGHTS

- Examine user-to-internet (north-south) and internal (east-west) network interactions.

- Provides visibility into public, private, and hybrid cloud environments.

- Alerts are annotated with MITRE ATT&CK and MITRE SHIELD framework.

- Provides device, application, network, and user – context for better insights.

- Bidirectional integrations with SIEM, EDR, and SOAR solutions.

- Cutting-edge AI algorithms scrutinize traffic patterns within the network to detect malevolent behavior.

- Automated response actions to contain the threat in real-time or orchestrate the execution of playbooks by integrating with third-party solutions.

- Scale horizontally by adding more nodes to the cluster without the need for expensive forklift upgrades.

- Robust analytics that autonomously tackle familiar threats, swiftly recognize new ones, and discern the patterns of undetected risks within your network, all with a significant reduction in false positives.

- Retroactive examination capabilities for enhanced root-cause analysis and evaluation of business asset impact.

- Sophisticated Forensics and Threat Hunting serve as a comprehensive archive, equipping analysts with potent tools to rapidly and efficiently conduct detailed event investigations using the evidence from the original network packets and files captured.

## DIFFERENTIATORS

High-speed, real-time ingestion of structured and unstructured network data from multiple sources – capture from interface, flow- data/IPFIX, and IPDR.

Complete visibility with Full Packet Capture in the data center and Flow monitoring at the branch level, ensuring no blind spots.

Consumption of millions of IOCs and IOAs.

Unscripted Threat Hunting for Emerging Threats.

1-Click Evidence for Incident Response.

Actionable intelligence is obtained through rigorous methods and processes, utilizing deep neural network algorithms to support swift decision-making.

Integrated on-demand sandbox for direct analysis of questionable payloads, eliminating the need for external tools.

## ABOUT VEHERE

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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