vehere

DATASHEET

Vehere Next-Gen Monitoring Center

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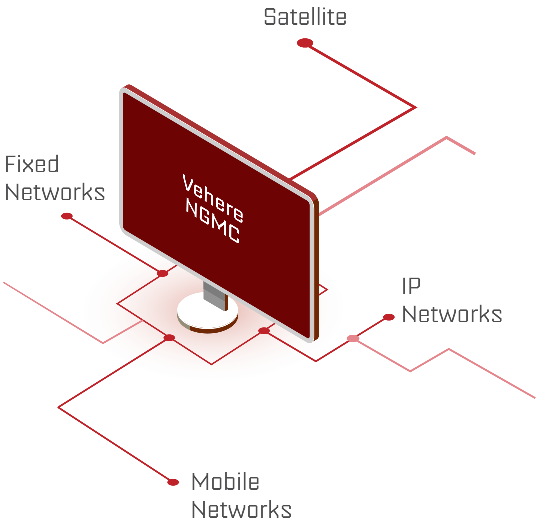
Focused target monitoring solution powered by AI and Big Data for accelerated criminal investigations

The Vehere Next-Gen Monitoring Center (NGMC) is a comprehensive solution for LEAs, providing high-fidelity target monitoring and prompt evaluation across all communication types. It offers end-to-end coverage across mobile networks (5G/4G/3G/2G), fixed networks (PSTN), IP networks as well as satellite links including both circuit-switched and packet data. By monitoring target communications, LEAs can uncover hidden patterns, prevent crimes, and collect definitive evidence for prosecution.

Vehere NGMC simplifies target pursuit in complex cases by providing a centralized suite of advanced analytical capabilities that empowers analysts to overcome the challenges of encrypted communications and correlation of information from multiple platforms.



Key Highlights

- Advanced data analytics including voice, fax, email, web pages, video, and VoIP
- Enhanced intelligence gathering with high-volume targets, events and location data
- Geo-tracking of targets across various network environments
- Full-spectrum Target Profiling
- Advanced pattern analysis and Anomaly detection
- Enrichment of intercepted data to extract additional information
- Customized report generation
- Flexible, scalable and cost-effective architecture
- Efficient workload management for analysts
- Advanced role management
- Customization as per user's operational needs
- State-of-the-art 24 X 7 Tech Support Centre
- Adheres to regulatory compliances

Integrated AI/ML Analytics

- Language Identification
- Transcription and Translation
- Speaker Identification
- Speaker Diarization
- Spam Detection in Emails
- Email Category Classification
- Behavior Profiling
- Generative AI-based Q&A application

Core Capabilities

AI-powered Analytics

AI-powered voice analysis delivers seamless language identification, translation, transcription, and speaker identification and diarization.

AI-powered email analysis automates category classification and spam detection to significantly reduce operational workload.

Enables investigators to identify suspicious domain and communication behaviors by monitoring high-volume or abnormal data transfers and SIP activities through AI-powered behavior profiling.

Encrypted Traffic Analysis

Uncovers hidden threats within encrypted communications to transform metadata into foresight, connecting signals and behaviors even when content is concealed.

Geospatial Analysis

Drives actionable intelligence by visualizing intercepted data points on interactive maps for accurate target location tracking, geofencing, and heatmap generation.

IM Analytics

Automated classification of IM applications and session activity (VoIP). Correlates session metadata to establish relational mapping between targets and behavioral patterns across encrypted communication channels.

Crypto Transactions

Detects and analyzes cryptocurrency activity by extracting blockchain-related data from network traffic, delivering detailed insights into transaction metadata and currency types to uncover illicit financial flows.

Visual Link Analysis

Helps identify connections between targets and groups by revealing complex network structures up to 6 layers.

Audit Trail

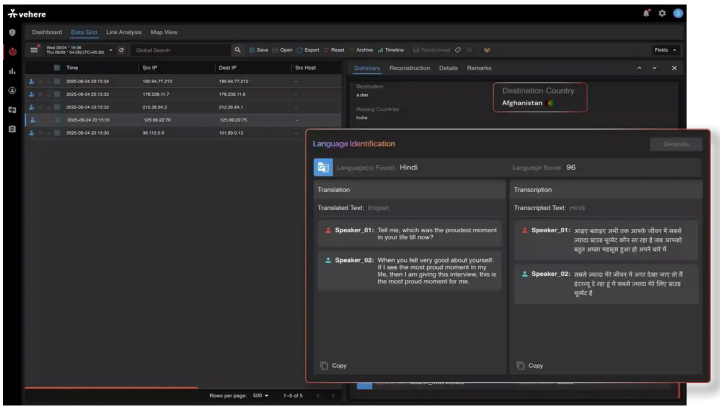
Maintains a granular audit trail of all user interactions, including logins, data access, modifications, and exports to provide complete operational visibility, internal accountability, and regulatory compliance.

Target and Case Management

Streamlines investigations with a centralized Target Management System to track and correlate target activities, coupled with a Case Management System for dynamic case assignment and focused team inquiry.

User-specific Dashboard

Accelerates decision-making with an intuitive, user-specific dashboard that converts complex network traffic into real-time visual analytics and actionable data insights.



Language Identification

Language(s) Found: Hindi

Language Score: 96

Translation

Translated Text: English

Speaker_01: Tell me, which was the proudest moment in your life till now?

Speaker_02: When you felt very good about yourself. If I see the most proud moment in my life, then I am giving this interview, this is the most proud moment for me.

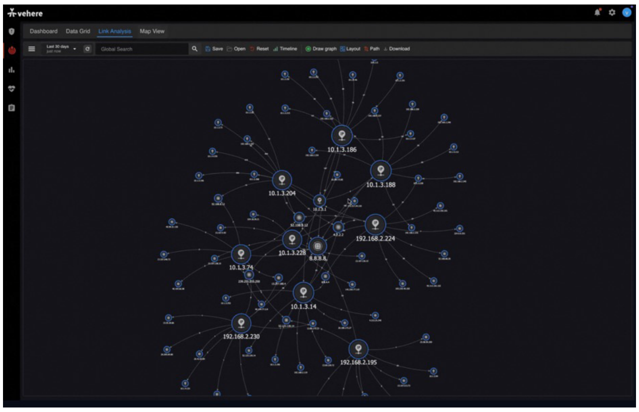
Transcription

Transcripted Text: Hindi

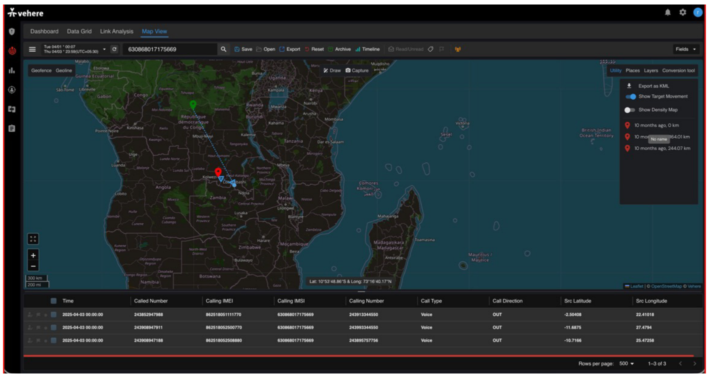
Speaker_01: आइए बताइए अभी तक आपके जीवन में सबसे ज्यादा प्राउड मूमेंट कौन सा रहा है जब आपको बहुत अच्छा महसूस हुआ हो अपने बारे में

Speaker_02: सबसे ज्यादा मेरे जीवन में अगर देखा जाए तो मैं इंटरव्यू दे रहा हूं ये सबसे ज्यादा मेरे लिए प्राउड मूमेंट है

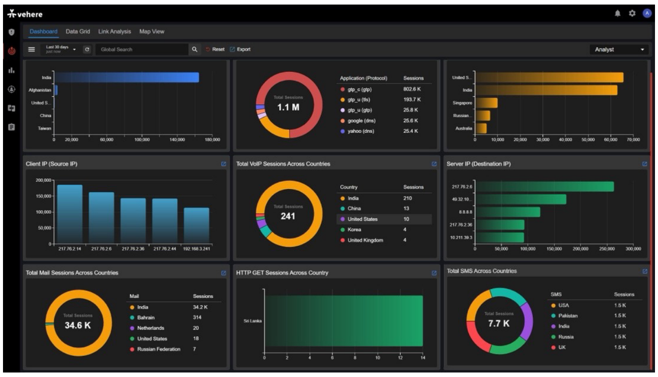
AI-powered Translation



Visual Link Analysis



Target Movement on Map View



Dashboard
Data Grid
Link Analysis
Map View
1.1 M
Client IP (Source IP)
Total VoIP Sessions Across Countries
241
Server IP (Destination IP)
Total Mail Sessions Across Countries
34.6 K
HTTP GET Sessions Across Country
Total SMS Across Countries
7.7 K

User-specific Dashboard

ABOUT VEHERE

Vehere is a new-age software company specializing in AI Cyber Network Intelligence. For more than a decade, Vehere has been supporting criminal investigation analysts in Defense & Intelligence communities. Vehere is now trusted by cyber-analysts in Fortune 500 companies, including Telecom, Financial Institutions, and Smart cities to protect critical infrastructure against advanced cyber threats and nation-state attacks.

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.