

SARAHAI: Pattern Based Anomaly Detection

The SARAHAI logo, consisting of the word "SARAHAI" in a bold, black, sans-serif font with a trademark symbol (TM) to its upper right. Below it, the tagline "The Situational Awareness Response and Help AI Platform" is written in a smaller, lighter font.

SARAHAI™
The Situational Awareness Response and Help AI Platform

- Based on U.S. Patent No. 11,308,384 – Tensor Networks holds an Exclusive License until 2041.
- Ideal for Agentic and Multimodal Solutions and Services
- Autonomous or augmented business operations
- AI Security Applications + Ready
 - SIEM
 - Firewall
 - VPN Behavior

Technology Overview: Patented Algorithms

- U.S. Patent No. 9,696,404:
 - - Real-time optical flow-based tracking using commanded motion.
 - - Reduces error in tracking maneuvering targets
 - - Kalman filter-based predictions improve tracking accuracy.
- U.S. Patent No. 11,308,384:
 - - Pattern of Life (PoL) estimation for anomaly detection.
 - - Kernel Density Estimation (KDE) identifies deviations.
 - - Tensor-based analysis forecast future maneuvers.

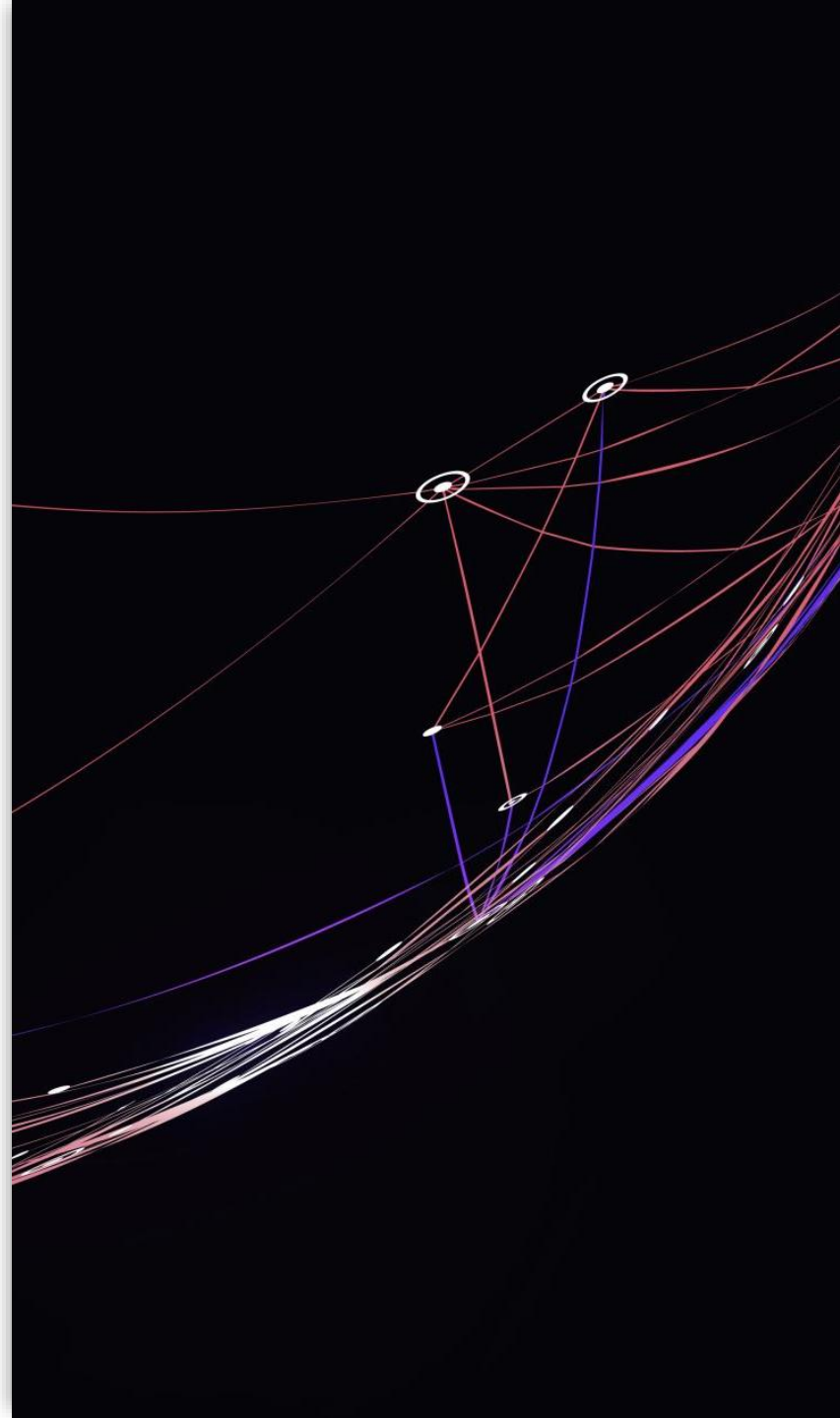


SARAHAI Solution Framework

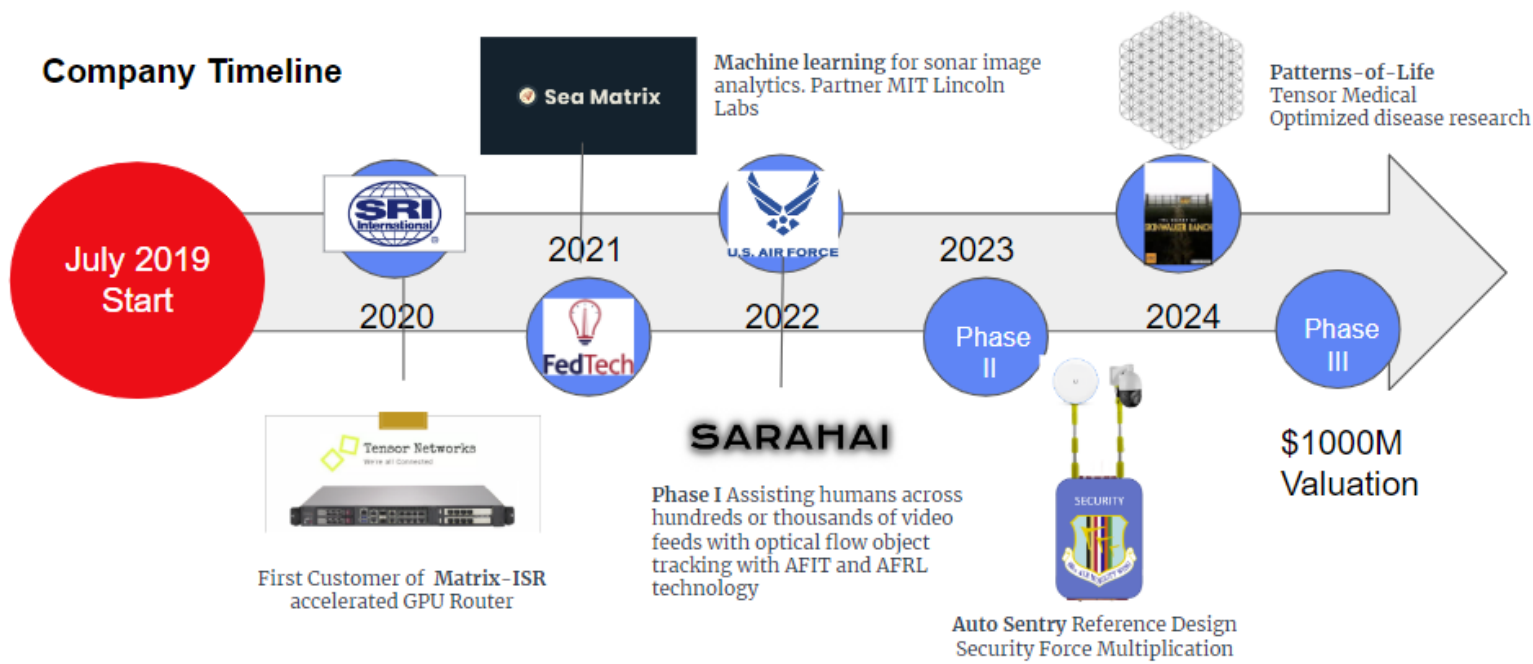
- Core Capabilities:
 - - Real-Time Object Detection with optical flow and telemetry fusion.
 - - Anomaly Detection: Identifies deceptive maneuvers.
 - - Predictive Analytics: Forecasts positions with tensor methods.
- Technical Specifications Alignment:
 - - High-quality state vectors for targets
 - - Near real-time tracking via RESTful APIs.
 - - Focus on high-quality solutions within Agentic and Multimodal.

Outputs & Benefits

- Deliverables:
 - - State Vectors: JSON with position, velocity, and uncertainty.
 - - Two-Line Elements (TLEs): Updated parameters for maneuvering targets.
- Benefits for the Enterprise:
 - - Rapid reacquisition of targeted patterns
 - - Actionable insights for counter-competitive operations
 - - Scalable and interoperable with existing tools.



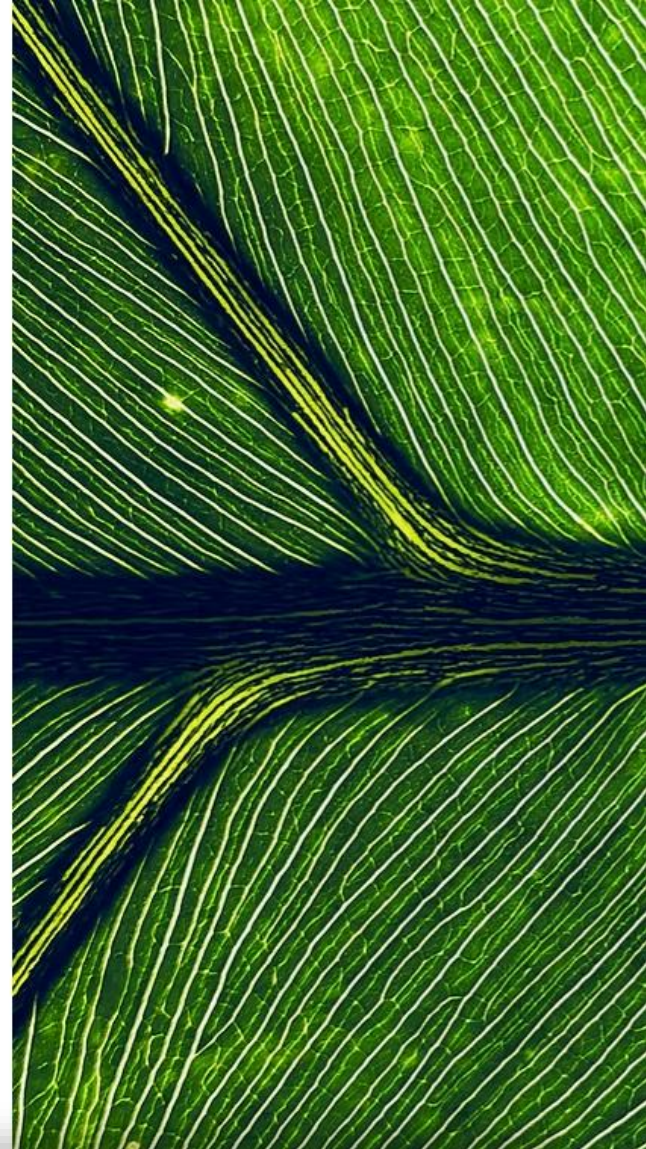
Company Timeline



SARAHAI integrates sensors (Network, SONAR, and Video) into a human assistance platform as the world's leading AIoT Platform



TENSOR
NETWORKS



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