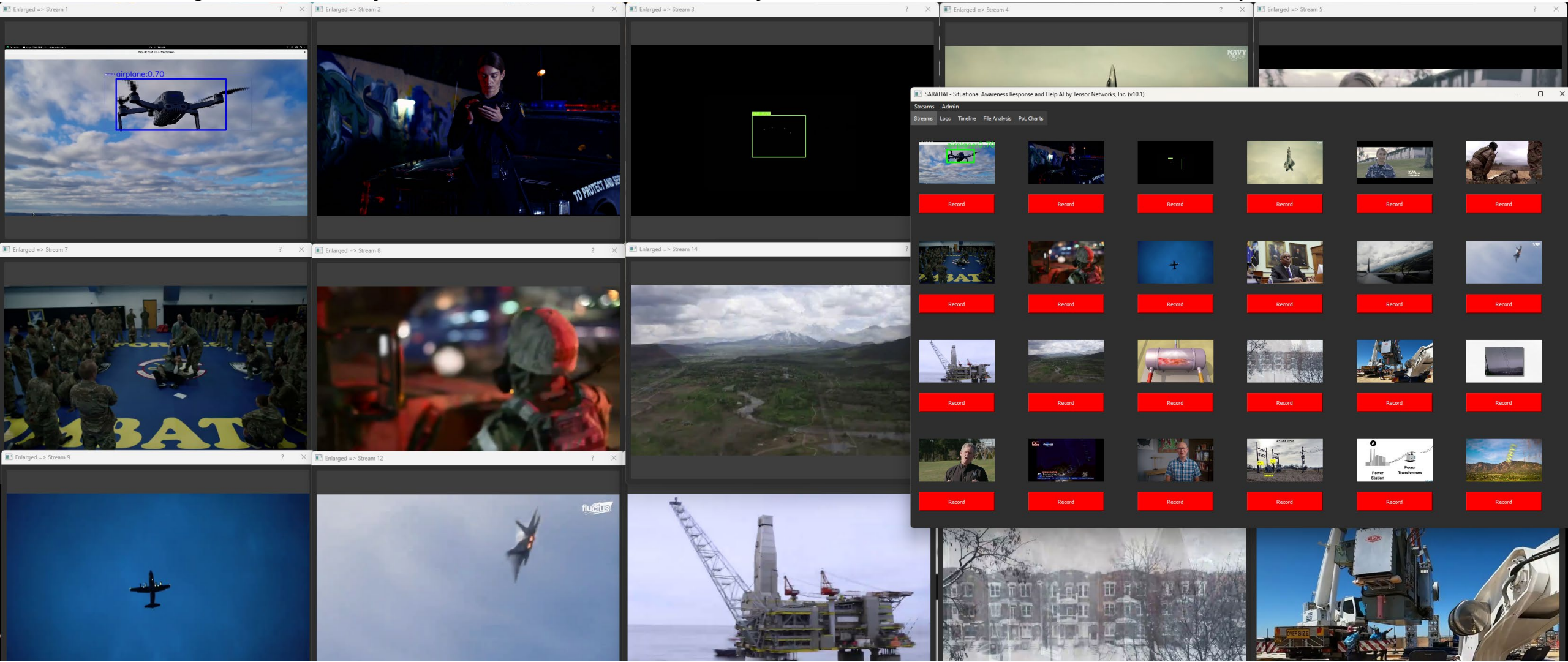


Our Product Platform SARAHAI™ Anomaly Detection and Alerting



Big Data Anomaly Detection and Predictive Analytics Across 24 Simultaneous Streams per Instance



The image displays a multi-stream video monitoring interface. On the left, a grid of 24 video streams is shown, each with a title bar indicating the stream number (e.g., 'Stream 1' through 'Stream 14'). Several streams feature AI detection overlays: a blue box around a drone in 'Stream 1' with the label 'airplane:0.70', a green box around a dark object in 'Stream 3', and a red box around a person in 'Stream 12'. A central control panel titled 'SARAHAI - Situational Awareness Response and Help AI by Tensor Networks, Inc. (v10.1)' is overlaid on the right side. This panel includes a 'Streams' tab and a grid of 24 thumbnail images, each with a red 'Record' button below it. The thumbnails correspond to the video streams, showing various scenes such as a person in a dark setting, a person in a military uniform, a person in a red helmet, a landscape with mountains, a person in a blue shirt, a person in a plaid shirt, a power station, and a construction site.

A Platform for Situational Awareness Response and Help AI Military, Physical/Cyber Security, Smart Infrastructure, AI & ML

How SARAH AI Helps



THE PROBLEM WE SOLVE

Critical infrastructure sectors—State, Local & Education (SLED), Utilities, and Telecommunications—face increasing threats and inefficiencies in monitoring and response based on:

- **Outdated Monitoring** lacking real-time insights and automated anomaly detection
- **High operational costs** from inefficient response and utilizing manual processes.



THE SOLUTION: TENSOR NETWORKS' SARAHAI (Situational Awareness Response And Help AI)

- **Advanced Pattern of Life (PoL) Technology:** Combines deep neural analytics that recognize and support real-world needs.
- **Superior Detection:** AI pattern-seeking neural network identifies issues before crises.
- **Cross-Industry Adaptability:** Effective in energy grids, city services, and telecom networks.
- **Proven Versatility:** Patented technology (U.S. Patent Nos. 9,696,404 & 11,308,384) offers robust performance across GPU, AMD-ROCm, and CPU-only systems.



COMPETITIVE ADVANTAGE

- **Comprehensive PoL Technology:** Moves beyond basic analytics to deliver predictive insights.
- **Seamless Integration:** Supports GPU, AMD-ROCm, and CPU-only environments with single-pass detection.
- **Proven Performance:** Integrated ring-buffer recording, Twilio/SMTTP, and advanced anomaly models for holistic situational awareness data.

SARAHAI can seamlessly integrate with VSS (“Video Surveillance Systems”) technology solutions to deliver advanced, real-time security analytics, anomaly detection, and automated alerts across diverse facilities. By harnessing SARAHAI’s GPU-powered computer vision and pattern-of-life models can offer heightened situational awareness and streamlined operations that safeguard assets while enhancing overall customer value.

By reducing false alarms by up to 50% and accelerating real-time incident response by an estimated 30%, SARAHAI drives measurable cost savings for VSS vendors and their customers. This translates into demonstrable ROI through fewer resource-intensive interventions and more efficient security operations.

SARAHAI sets itself apart from solutions like Verkada and Axxis by combining GPU-accelerated anomaly detection with advanced pattern-of-life analytics, significantly reducing false alarms and revealing hidden threats in real time. Its flexible, open approach to system integration and unified situational awareness capabilities deliver next-generation security insights that many closed, single-vendor platforms simply cannot match.

24-Simultaneous Streams per Instance



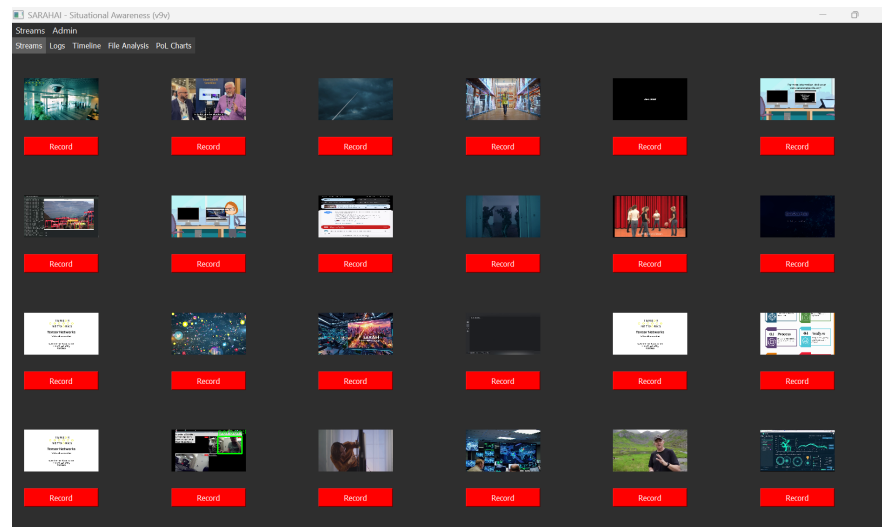
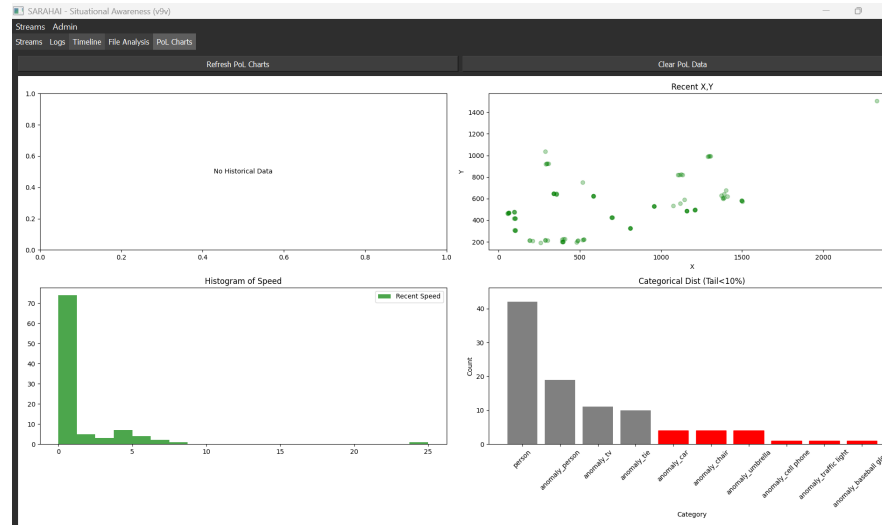
How SARAH AI Scales

Standalone on-premise

- GPU Workstation
- Works with Existing DVR
- Up to 24 – Streams



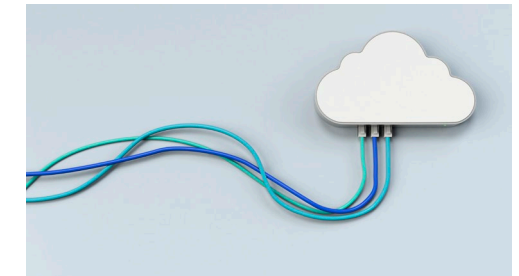
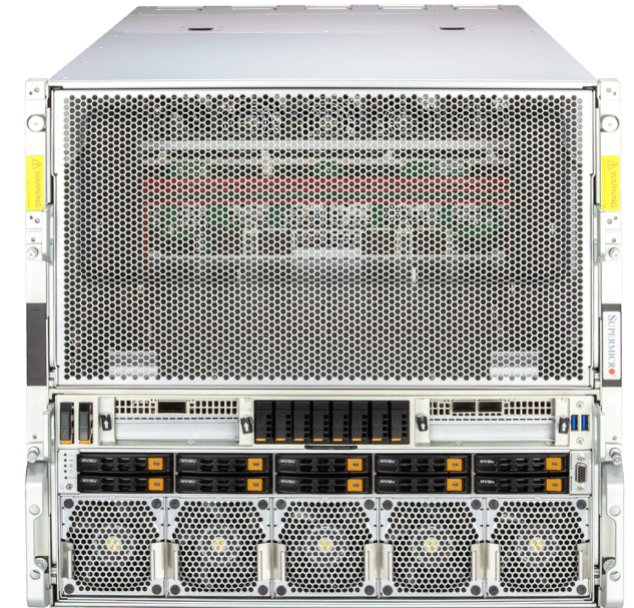
Data driven Decision Making with at Scale Video Inference



Simultaneous Inference Across 24-Streams per Instance

Hosted GPU Cloud

- GPU Servers (IaaS)
- Works with Cloud DVR
- Massive Scale



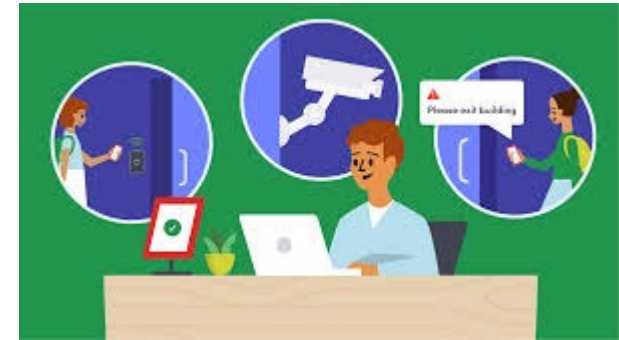
SARAH AI Application Value



Force Multiplier



Workplace Security and Access Control



QUALITY CONTROL



Enterprise Operations Visibility



THE SARAH AI SYSTEM



SARAHAI seamlessly transforms ordinary surveillance systems into AI-powered, intelligent security networks. By applying next-generation computer vision and deep learning models, SARAHAI performs real-time object detection, anomaly recognition, and pattern-of-life analysis across multiple camera feeds. Instead of passively recording footage, “dumb” cameras become active, alerting users to threats like firearms or suspicious behaviors. Automated alerts, situational awareness dashboards, and historical analytics enhance security operations and reduce response times. Whether safeguarding offices, public spaces, or critical infrastructure, SARAHAI’s cutting-edge AI delivers the insights needed to detect, adapt, and prevent incidents before they escalate.





SARAHAI HISTORY

USAF Technology Transfers and Projects:

- 2022 SARAHAI Phase I Delivered
- 2023 AutoSentry Reference Delivered
- 2024-25 VERA - Video Evidence Review AI Phase II Proposal with MoU
- 2025 Dual Purpose Commercial Annual Licensing SARAHAI

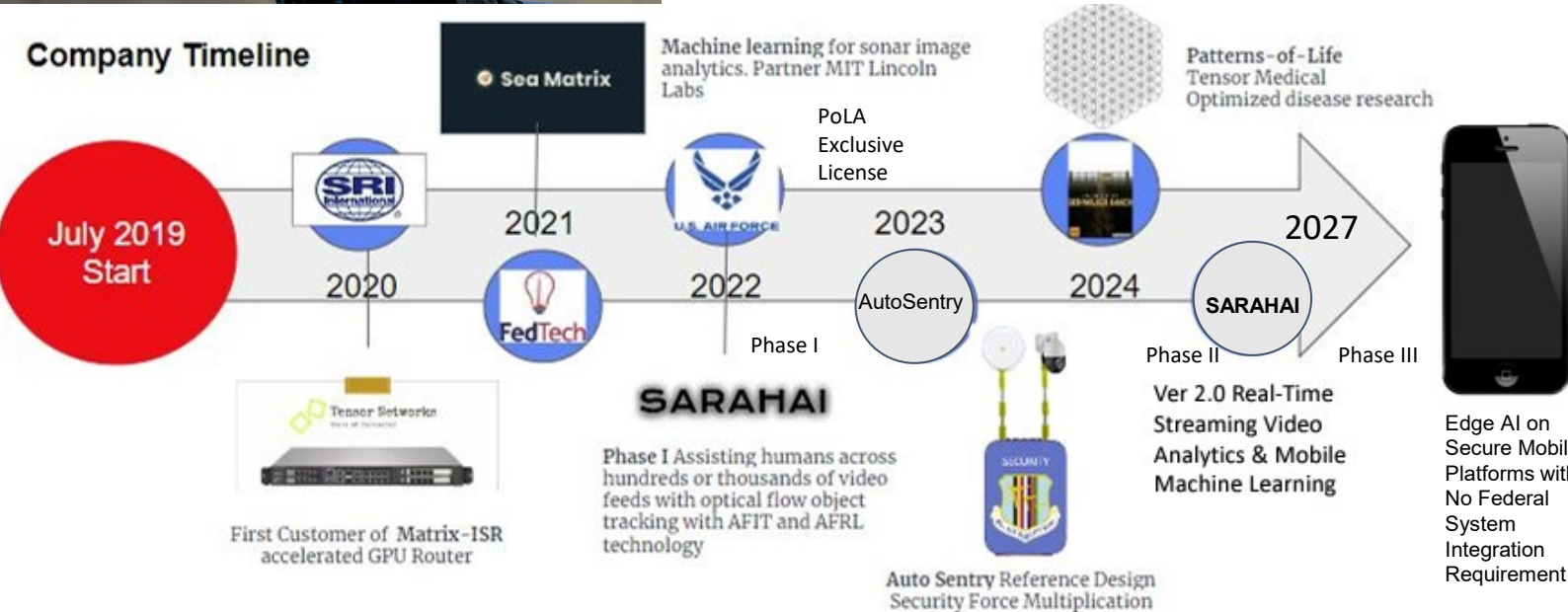


Made in USA

U.S. Patent No. 9,696,404
U.S. Patent No. 11,308,384

www.tensornetworks.com

Company Timeline



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

