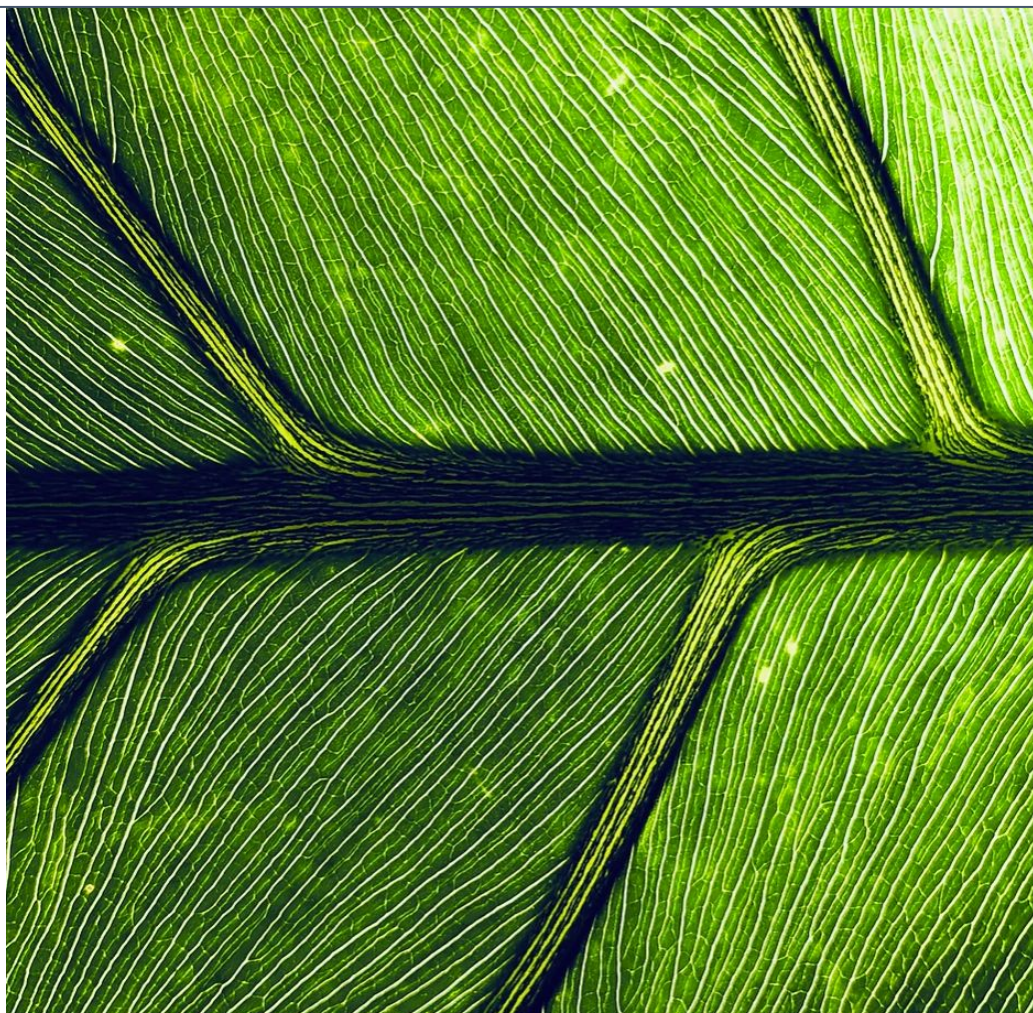


Licensing Exclusive U.S. Government IP for Pattern of Life Analysis



Change Your
Thoughts...Change
Your Life

Who Uses Pattern of Life Analysis?

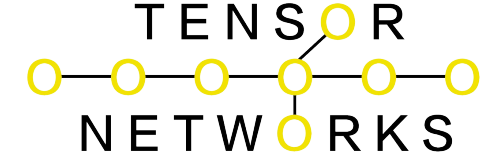


IoT Devices

Big Tech

Big Data

What is the Opportunity?



FORBES > TECH

The \$11 Trillion Internet Of Things, Big Data And Pattern Of Life (POL) Analytics

Lisa Brownlee Former Contributor



Jul 10, 2015, 02:01pm EDT

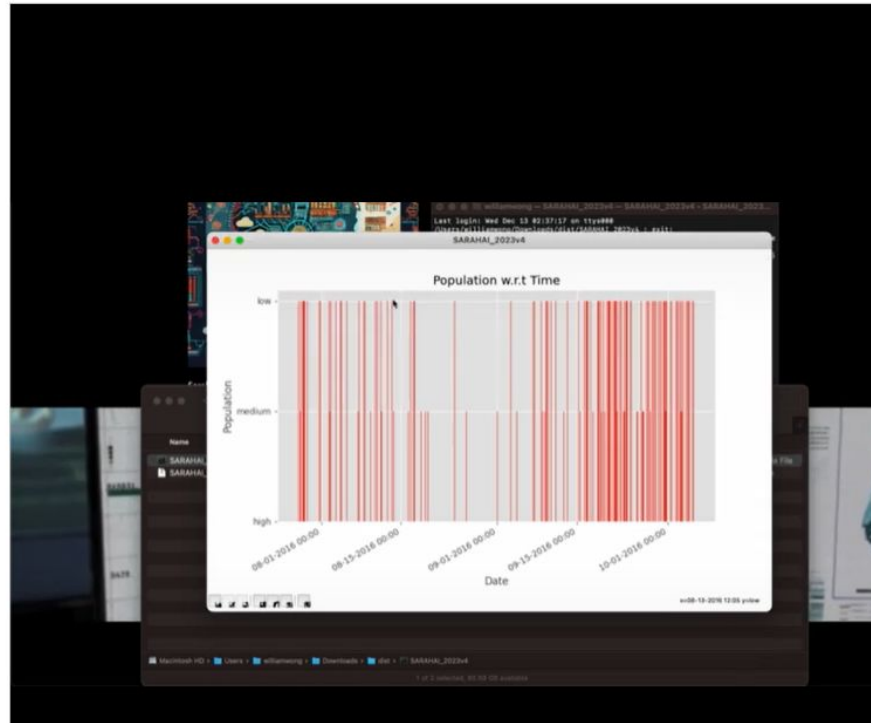
<https://www.forbes.com/sites/lisabrownlee/2015/07/10/the-11-trillion-internet-of-things-big-data-and-pattern-of-life-pol-analytics/?sh=21aecf214eb8>

Conducting Pattern of Life (POL) Analytics on Big Data generated by the IoT.

**\$11T in 2015.
In 2024
Generative AI
Says...\$40T
with \$1B+ in
Annual
Licensing for
Pattern of Life
Analysis.**

When?

**In July 2023
we received IP.
In January
2024 SARAHAI
Our Pattern of
Life Analysis
MVP Was
Born.**



SARAHAI Core for Mac

SKU: SARAHAI_MAC

\$4,750.00

Add to Cart



**Situational Awareness Response and
Help AI**

Where & Why...

Data is the New Oil

Rank	Name	Total Net Worth
1	Elon Musk	\$198B
2	Jeff Bezos	\$194B
3	Bernard Arnault	\$157B
4	Bill Gates	\$149B
5	Mark Zuckerberg	\$132B
6	Larry Page	\$124B
7	Sergey Brin	\$119B
8	Steve Ballmer	\$105B
9	Larry Ellison	\$100B
10	Warren Buffett	\$100B

← Experts



Pattern of Life Analysis

Top Users

How?



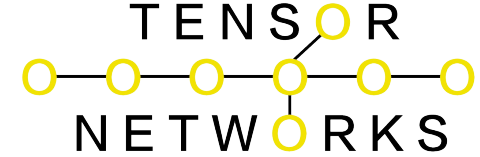
Licensing Agreement

['lɪ-sən(t)s-ɪŋ ə-'grē-mənt]

A contract allowing a party to use and/or earn revenue from the property of someone else.

The United States Government has Assigned Tensor Networks Exclusively to License Pattern of Life Analysis.

Thank You!



Eric Frazier -CEO

Email:

efrazier@tensornetworks.net

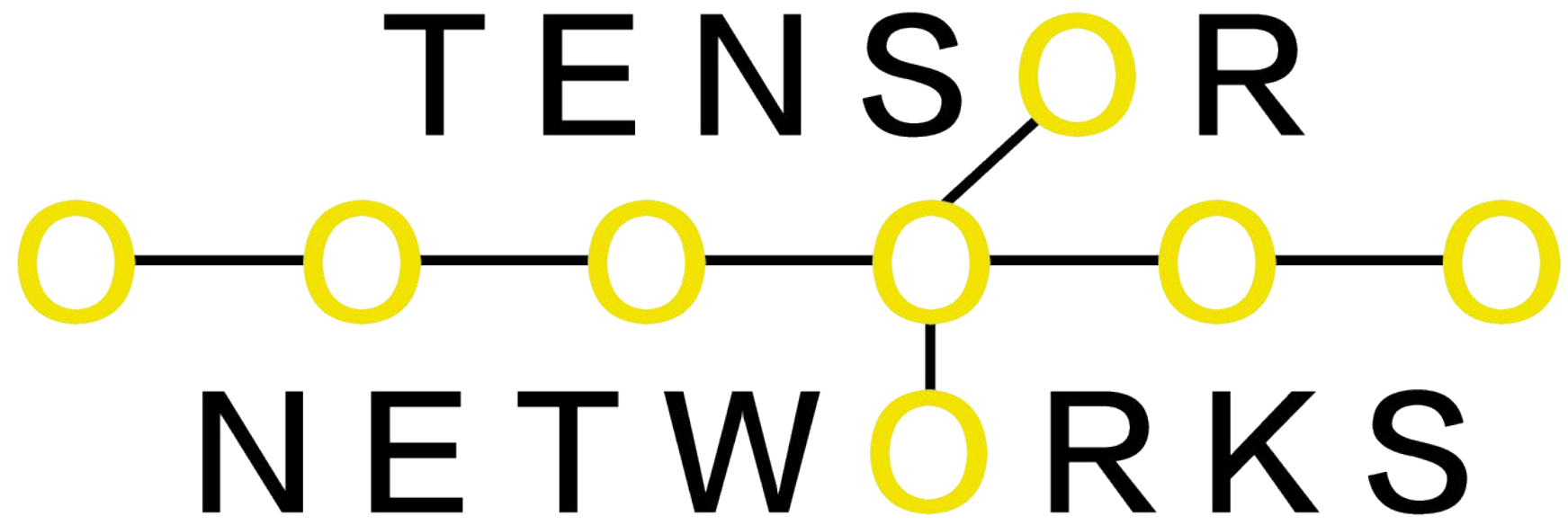
Phone: 408-556-0685

Address:

440 N Wolfe Rd

Sunnyvale, CA 94085

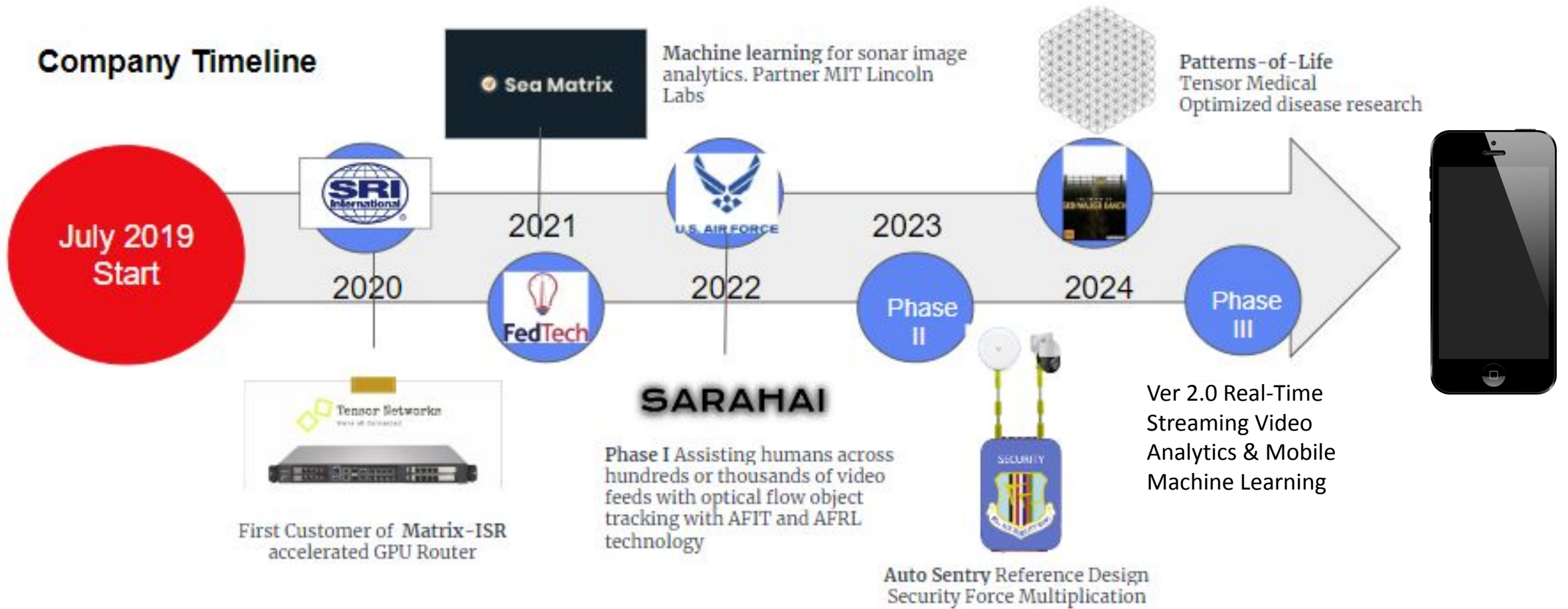
www.tensornetworks.com



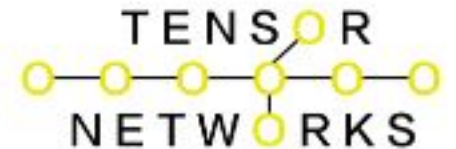
Reference Material

And Slides I didn't Use... ;)

Company Timeline

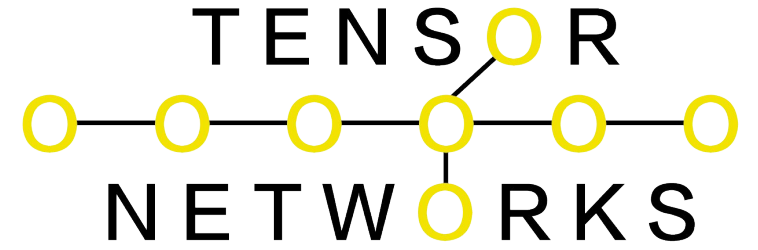


SARAHAI integrates sensors (Network, SONAR, and Video) into a human assistance solution as the world's leading AIoT Platform



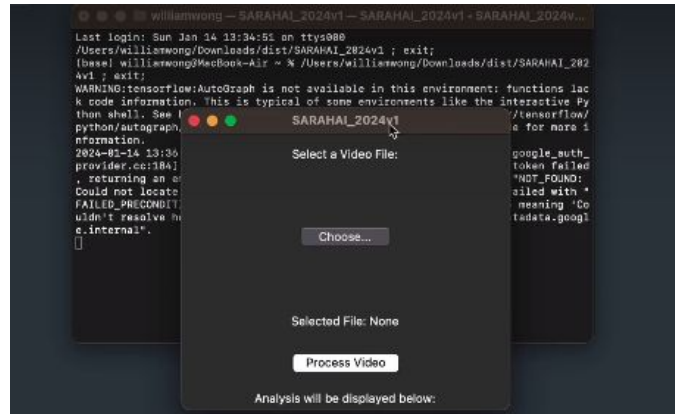
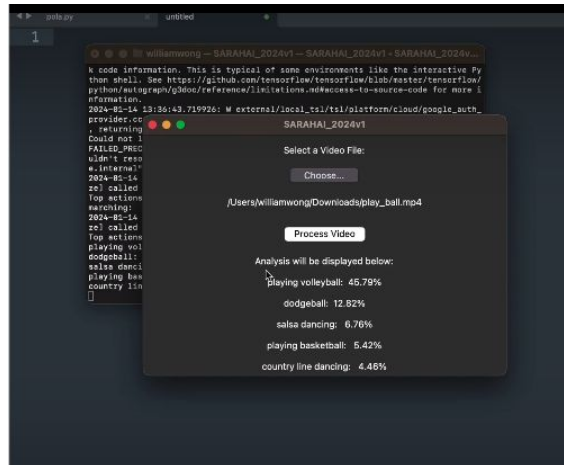
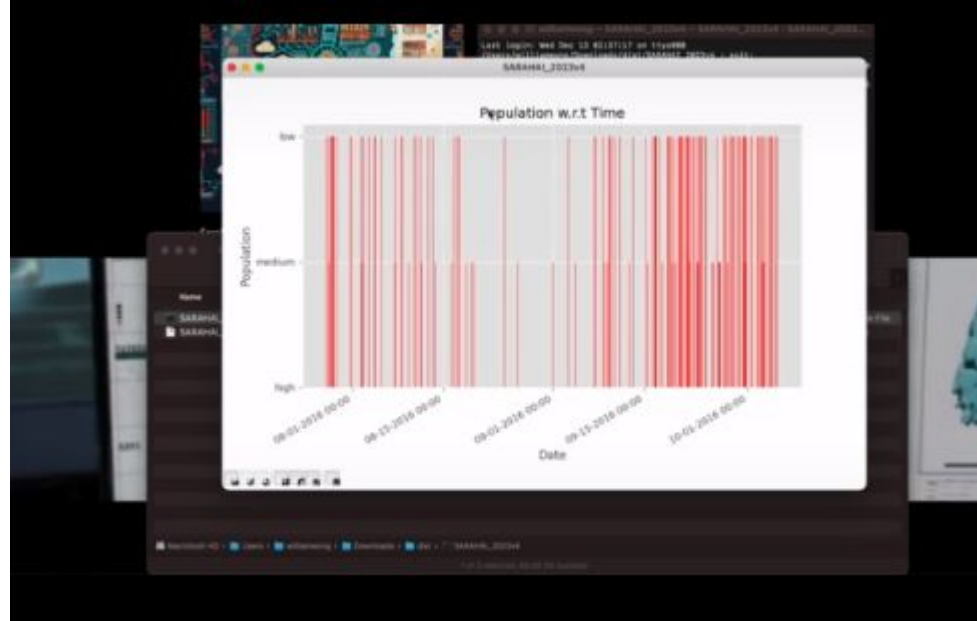
Our Product SARAHAI™ Solves Big Data Problems

Less Expertise, No Exotic Compute, Tensor Networking for Faster Analytics. 3 Dimensional Analysis. With Patented Federal Technologies.

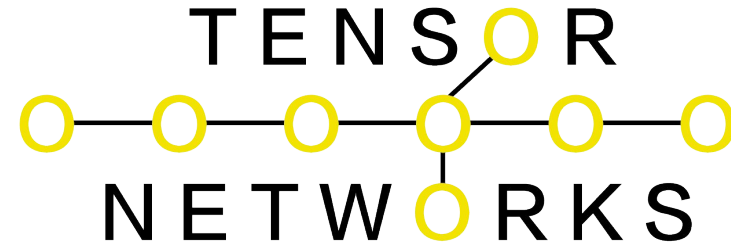


SARAHAI™ is based on two intellectual properties:

- **U.S. Patent No. 9,696,404** Real-Time camera tracking system using optical flow features points
- **U.S. Patent No. 11,308,384** Method and Framework for Pattern-Of-Life Analysis
- **SARAHAI™ Democratizes** Pattern of Life Analysis for Organizations of all sizes.
- **3D Analytics vs. 2D Standard. 90% Cost Reduction**



We Provide SARAHAI™ To Solve Big Data and Anomaly Detection Challenges



Target Market Applications for:

- **Military**
- **Physical Security**
- **Cyber Security**
- **Smart Infrastructure**
- **Predictive Analytics**
- **Medical Research**
- **Anomaly Detection**
- **Fraud Detection**

SaaS, or On-Premise

**SARAHAI™ AutoSentry Available for
Download on the App Store Today!**

The Opportunity - Big Data is Required, Hard, Time Consuming, and Expensive. PoLA is the Key to Democratize Big Data.

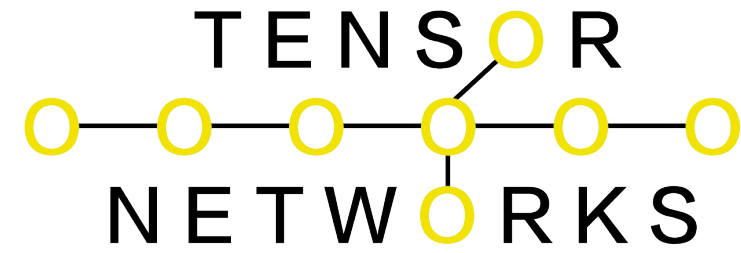
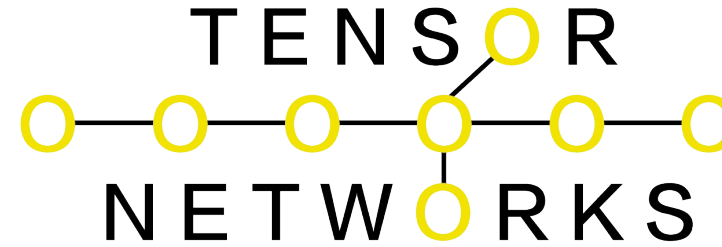


Chart: Challenges Solved by PoLA versus Traditional Big Data Science Methods

Challenge	PoLA Solutions	Traditional Big Data Science Methods
High dimensionality of data	Focuses on local patterns, reducing data complexity	Feature engineering and dimensionality reduction techniques can be complex and computationally expensive.
Difficulty in identifying rare events	Analyzes deviations from expected patterns to identify anomalies	Statistical anomaly detection methods may miss rare events or struggle with noisy data.
Sensitivity to outliers	Robust to outliers due to local nature of analysis	Outlier removal or robust estimation techniques can be intrusive and affect model accuracy.
Assumption of stationary data	Adapts to changing patterns without stationarity assumptions	Stationary data assumptions often limit model generalizability to new or changing conditions.
Limited interpretability of models	Provides insights into local patterns and relationships	Black-box models can be difficult to interpret, hindering trust and decision-making.
Computational complexity	Can be computationally efficient, especially for streaming data	Complex feature engineering and model training for traditional methods can be computationally expensive.
Data requirements	May require less data than traditional methods due to local analysis focus	Traditional methods often require large datasets for accurate model training, which can be costly and time-consuming to acquire.



A Few Example Use-Cases with RoI Benefits



1. PoLA for Electric Utilities: Predicting Demand Spikes & Saving Millions

By analyzing smart meter data and weather patterns, PoLA forecasts demand surges, reducing wasteful peak power purchases by \$1 million per avoided event, yielding a potential 400% ROI – stabilizing grids, saving costs, and improving customer satisfaction.

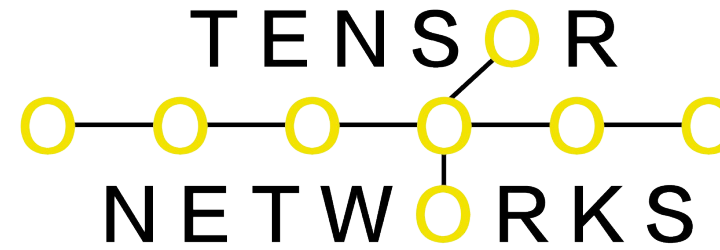
2. PoLA use-case for Social Media with RoI

Social media leverages PoLA to analyze user engagement patterns, predicting viral trends & optimizing ad targeting. 10% boost in targeted ad click-through rates equates to \$1 million extra revenue per campaign, yielding a potential 1000% ROI and skyrocketing brand reach

3. PoLA use-case for Service Provider with RoI

PoLA analyzes customer behavior patterns to predict churn, allowing proactive retention efforts. 10% churn reduction generates \$1M for a 10,000-customer base, yielding a potential 1000% ROI, boosting loyalty & saving on customer acquisition costs

Market Size and Opportunity for Faster Big Data Anomalies



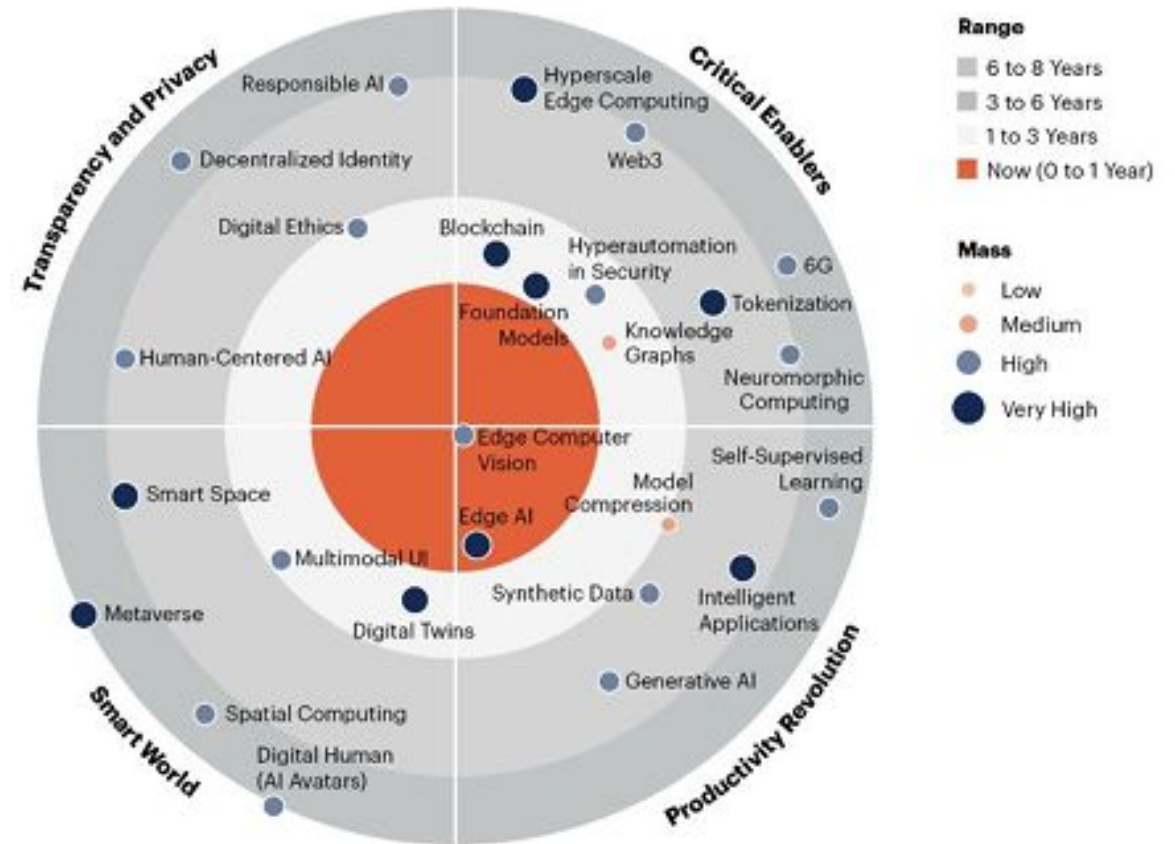
Market Segment	Market Size Estimate (2024)	PoLA Opportunity	Key Applications	Growth Potential
Military	\$1.7 Trillion (global)	High: Anomaly detection in sensor data, threat prediction, proactive defense.	Soldier behavior analysis, equipment failure prediction, cyber situational awareness.	High, driven by increasing security threats and technological advancements.
Physical Security	\$132 Billion (global)	Medium: Optimizing surveillance systems, early detection of intrusions, resource allocation.	Video analytics for anomaly detection, perimeter monitoring, crowd behavior analysis.	Moderate, dependent on cost-effectiveness and integration with existing systems.
Cyber Security	\$325 Billion (global)	Medium: Network behavior analysis, anomaly detection, intrusion prevention.	Identifying abnormal network traffic, detecting botnets and malware, predicting cyberattacks.	High, driven by escalating cyber threats and demand for proactive solutions.
Smart Infrastructure	\$1.5 Trillion (global)	Medium: Predictive maintenance, resource optimization, anomaly detection in sensor data.	Monitoring critical infrastructure (e.g., bridges, dams), optimizing energy consumption, preventing failures.	High, driven by aging infrastructure and focus on sustainability.
Predictive Analytics	\$34.8 Billion (global)	Medium: Identifying patterns and trends across diverse data sources, risk assessment, anomaly detection.	Personalized healthcare analytics, financial fraud prediction, supply chain optimization.	Moderate, dependent on specific applications and integration with existing analytics tools.
Medical Research	\$831 Billion (global)	Low (High Potential): Early disease detection, personalized medicine, drug discovery.	Analyzing medical images and patient data, identifying biomarkers, predicting disease progression.	High, but currently limited by data privacy concerns and regulatory hurdles.

\$4 Trillion + TAM for PoLA
We will address this market with The SARAHAI™ Platform

Source: Google Bard. Query: “Create a chart with the market size and opportunity for pattern of life analysis for the following market segments: Military, Physical Security, Cyber Security, Smart Infrastructure, Predictive Analytics, and Medical Research”. January 14, 2024.

Summary

- We are Addressing one of the Largest and Most Important Markets that most People Have not Heard of: Pattern of Life Analysis.
- We have an Exclusive IP License from the U.S. Government for the Method and Framework for Pattern of Life Analysis
- U.S. Patent No. 11,308,384 until 2041.
- SARAHAI™ is first commercial PoLA Platform



The \$11 Trillion Internet Of Things, Big Data And Pattern Of Life (POL) Analytics

<https://www.forbes.com/sites/lisabrownlee/2015/07/10/the-11-trillion-internet-of-things-big-data-and-pattern-of-life-pol-analytics/?sh=4977d24eb8fc>