

Transforming The Public Sector With Advanced Analytics For Mission-Enhancing Insights

Gain new and profound insights from your existing data with AI solutions for intelligence, defense, healthcare, research, enforcement, adjudication, and regulation.

Overview

Production-proven SymphonyAI solutions enhance mission performance, reduce cost, control waste, and maximize patient care for a wide variety of agencies. All solutions are conceived, built, and designed with leading subject matter experts, fine-tuned to solve specific use cases, and optimized for rapid deployment. The result is explainable AI that empowers subject matter experts and data scientists to unlock greater intelligence and insights.

Solutions

Advanced Analytics

Distill business value from large, complex datasets and discover otherwise hidden information. Create highly interactive visual networks that enable rapid exploration and understanding of critical patterns and relationships in data. The application of unique AI platform to unstructured text greatly reduces the cognitive load on OSINT analysts by intelligently grouping world events, enabling analysts to assess unique events or topics over time and drive more confident decisions.

Financial Crime Discovery

Automatically capture behavior patterns and issue alerts against suspicious activities. Discover anomalies, navigate networks, and provide critical context to reduce false positives and maintain risk coverage. Uncover tax evasion, money laundering, synthetic identity fraud, loan fraud, and the spectrum of criminal behavior with advanced, unsupervised ML.

Predictive Maintenance

Monitor assets, equipment, and componentry to improve operations and availability, and deliver improved resource efficiencies, safety, and costs. Using data from precision sensors and advanced analytics, SymphonyAI predictive maintenance solutions can predict failure months in advance, not days or weeks. Reduce unplanned downtime, reduce annual maintenance costs, and increase asset life. Centralize the entire enterprise and gain visibility across all assets, facilities, and regions.

Public Health and Medical Research

Achieve improvements in healthcare through optimized patient care and clinical variation management, and accelerated drug discovery and treatment. Perform AI-enabled analysis of Real World clinical, pathology, radiology, lab, claims, and non-clinical data from the world's largest deeply curated dataset. Provide real-time patient-specific decision support from screening through diagnosis, treatment, and survivorship care.

Advanced Clinical Visualization

Deliver real-time imaging decision support for radiology, cardiology, and vascular surgery. Automate clinical workflows, increase physician efficiency, and accelerate time to diagnosis. AI-driven advanced visualization solutions provide 3D and 4D medical image post-processing, enabling clinical specialists to easily implement and view AI-based analysis and results.

Cybersecurity Analytics

Rapidly pinpoint previously unseen cybersecurity threats, anomalous behavior, and potential malicious activities, including external attacks, insider threats. Reduce cybersecurity risk with novel discovery technology backed by more than 200 scientific publications. Automatically find the subtle fingerprints of 'unknown unknowns' and present transparent explanations of suspicious vectors and users for analyses.

Program Performance Intelligence

Compare programs across disciplines and time to predict program health up to nine months into the future. Sophisticated machine learning ingests structured and unstructured data and delivers novel insights into future program performance to improve schedule and cost forecasting. Intelligent, AI-based program management and insights use unsupervised machine learning to identify potential problem areas and facilitate interdiction and remediation.

Platform

All SymphonyAI solutions are built on the shared foundation of cutting-edge AI technology. Based on topological data analysis (TDA) technology developed with the support of the Defense Advanced Research Projects Agency (DARPA), the Eureka platform uses a sophisticated approach to analyzing highly complex and disparate data. Eureka blends auto ML and a low-code/no-code application framework; unsupervised, semi-, and supervised machine learning with TDA; and ML ops and flexible model management for maintaining models in production reliably.

Enterprise Solutions

- Advanced Analytics
- Program Performance Intelligence
- Predictive Maintenance
- Public Health and Medical Research
- Advanced Clinical Visualization
- Cybersecurity Analytics
- Financial Crime Discovery

Eureka

- Topological Data Analysis
- AutoML and Explainable AI
- Supervised and Unsupervised ML
- Data and Model Management
- Low / No-Code Application Development

Predictive Intelligence

- Shared Predictive AI Models
- New Risk and Attack Discovery
- Predictive Alerts and Recommendations
- Process and Workflow Orchestration
- AI Integration, Adoption Inferencing
- Graph ML

Data Cloud

- Citizen Services
- Data Lake
- OSINT
- Electronic Health Records & Billing
- HR
- Acquisitions
- Programs

Trusted by thousands of customers worldwide



\$350M+ R&D Investment



2,200+ Employees



140+ Patents

About SymphonyAI

SymphonyAI is building the leading enterprise AI company for digital transformation across the most important and resilient growth verticals, including life sciences, healthcare, retail, consumer packaged goods, financial services, manufacturing, and media. In each of these verticals, SAI businesses have many of the leading enterprises as clients. SAI is backed by a \$1 billion commitment from Dr. Romesh Wadhvani, a successful entrepreneur and philanthropist. Since its founding in 2017, SymphonyAI has grown rapidly to a combined revenue run rate of more than \$300 million and over 2,200 talented leaders, data scientists, and other professionals.