



## About Us

AILABS Consulting, part of Data-Core Systems Inc., helps organizations transform AI initiatives into secure, production-ready solutions. With expertise across healthcare, financial services, and insurance, we deliver Agentic AI solutions backed by governance, compliance, and human oversight. Leveraging decades of enterprise technology experience, proven AI solutions, and global delivery capabilities, AILABS Consulting helps organizations achieve measurable results with AI.

## Services



### AI Assessment

- Evaluate AI readiness, workflows, and data
- Identify high-value use cases and governance gaps
- Deliver a prioritized implementation roadmap



### Pilot & Proof of Value

- Build and validate AI solutions for targeted workflows
- Measure success using real business outcomes
- Reduce risk before enterprise deployment



### AI Deployment

- Integrate AI into existing systems and workflows
- Embed governance, compliance, and human oversight
- Deploy secure, scalable production solutions



### AI Operations

- Monitor and optimize AI performance
- Continuously evaluate and improve models
- Provide ongoing support, governance, and maintenance

## Proof & Experience

### SynectoAI

- **Enterprise Intelligence Engine** - predictive models over multi-source data, across entire value chains
- **Knowledge Graph Foundation** - maps entities and relationships, so AI reasons over how the business actually works
- **Built-in Governance** - human-in-the-loop checkpoints and audit trails at every decision point

### WealthEngine.AI

- **AI-Powered Investment Intelligence** - AI-driven strategies executing in live markets
- **Outperform the Market** - DRL and Generative AI deliver ~30% annualized returns, twice the S&P 500's CAGR
- **Faster Insights at Scale** - predictive analytics and Generative AI surface market signals across portfolios

### Ruzivo

- **AI-Powered RCM Solutions** - healthcare revenue-cycle automation that cuts manual effort and errors
- **Advanced ML for Healthcare Reimbursements** - EOB conversion and denial management
- **AI-driven Insights** - compliant analytics that improve healthcare financial performance

## Industries We Serve

Finance

Manufacturing

Insurance

Healthcare

Government

## Our AI Capabilities

### Agentic AI

Autonomous, multi-step systems executing workflows, making decisions with human oversight built in

Structuring information so AI models reason and act accurately

### Context Engineering

### Knowledge Graphs

Connecting enterprise data into structured relationships for smarter AI reasoning

Custom, fine-tuned models built for your data and use case

### ML Models

### LLMs & Prompting

Prompt engineering and LLM integration for reliable, production-grade generative AI

## Team

### Shyamal Choudhury

CEO, Data-Core Systems

### Julie Basu

Director, Data-Core Systems

### Souren Paul

Director, Data-Core Systems

### Srinivasu Pappula

Co-Founder, SynectoAI

### Mohsin Parmar

Lead, AI Solutions & Consulting

### Sriram Kiron

Forward-Deployed Engineer

## Why AILABS Consulting?



- Part of Data-Core Systems Inc., with over 40 years of enterprise expertise across healthcare, finance, and insurance
- End-to-end AI services from strategy to operations
- Proven AI solutions and patented automation technologies
- Global delivery capabilities with U.S. and India teams
- Governance-first AI with compliance and human oversight

