

AI Stack Starter™

Advanced RAG and Agentic Solutions Brief

Why Choose Our Hybrid Approach

AI isn't a one-size-fits-all—it's a journey. SEIDOR Opentrends helps organizations unlock real, measurable outcomes by freeing up valuable human hours, boosting accuracy by 15–20%, and elevating tasks once sidelined due to inefficiencies or resource gaps. Our **AI Stack Starter™** combines the best of off-the-shelf and custom solutions, offering a hybrid approach designed to integrate with your systems and deliver long-term value.

Ideal for organizations that:

- Handle sensitive data where precision is critical.
- Want full ownership of your AI tools and data.
- Need to integrate with existing enterprise systems.
- Aim for sustainable ROI over short-term fixes.
- Seek a clear path to scalable, agentic AI capabilities.

**Don't settle for
generic tools that
limit performance.**

**Build smarter
today to avoid
starting over
tomorrow.**

Technical Advantages

We prioritize flexibility, avoiding vendor lock-in and scalability limits, so your investment grows with you.



Multi-Agent Architecture:

Specialized orchestration, indexing, query, retrieval, verification, and learning agents ensure a coordinated AI ecosystem



Dual-Layer AI Verification:

Reduces misinformation by cross-checking and refining retrieved content



25% Higher Accuracy:

Our hybrid approach delivers superior outputs compared to generic AI platforms



Enterprise Integration:

Seamless connection with Azure, AWS, Google Cloud, and legacy systems



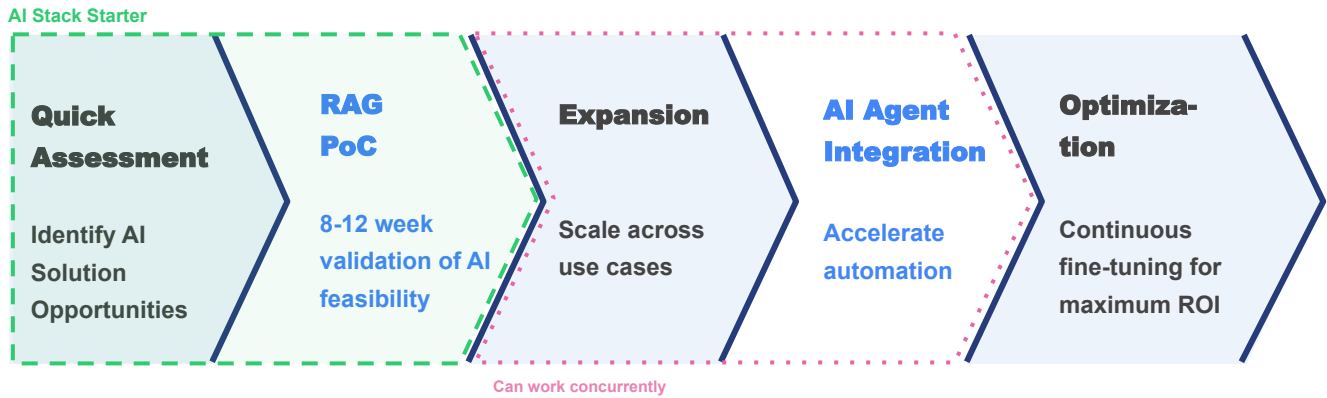
MLOps & Governance:

Continuous monitoring, fine-tuning, and compliance adherence for enterprise scalability

"SEIDOR Opentrends' AI Stack Starter delivered 20% more precise student data insights, enhancing our ability to support growing online programs."

— Head of Digital Learning at Online University

Our Proven Implementation Path



What You Get with AI Stack Starter™

Technical Proof of Concept (8-12 Weeks):

- ❑ A working AI solution ready to test with your real-world use cases.
- ❑ Integrates 2-3 key data sources with our Advanced RAG architecture.
- ❑ Includes basic training, interface, and a detailed evaluation report.

Strategic Consulting (8 Weeks):

- ❑ A blueprint for success: current state analysis, future-state architecture, and a prioritized use case roadmap.
- ❑ Aligns stakeholders, defines success metrics, and mitigates risks.

Real-World Impact: Client Cases

<u>Online University</u> (70K+ students)	<u>International Bank</u> (9M+ customers)	<u>Manufacturing Client</u> (1M+ Certifications/y)
Deployed a multi-agent AI assistant using RAG and DeepEval, automating student inquiries with improved accuracy and efficiency.	Used Google Vertex AI and KNN to predict MIPS consumption, optimizing costs with automated CI/CD/CT workflows.	Built an AWS-powered document validation pipeline with Claude 3.5, achieving 90% accuracy and reducing manual reviews.

About SEIDOR Opentrends

Opentrends, part of SEIDOR, is a digital transformation consultancy and custom software development company specializing in enterprise AI solutions. Our unique approach to designing software around users first and systems second has established a track record of success with many of the world's top companies. With over 100 successful AI implementations, we bring technical depth and practical experience to every engagement.

Next Steps

1. Schedule a technical discovery session to address your AI challenges
2. Customized assessment of your specific priorities
3. 8-12 week rapid pilot (PoC) to validate our approach in your environment