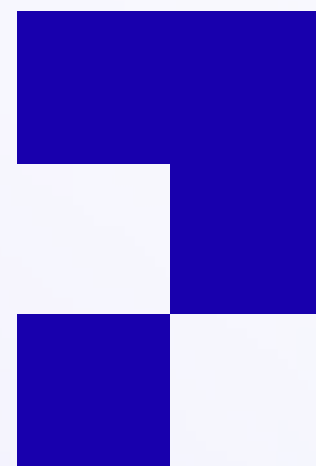


Synapse

Document Intelligence Core for Smart Enterprises.



PITCH DECK PRESENTATION

Origin

How Synapse Was Born

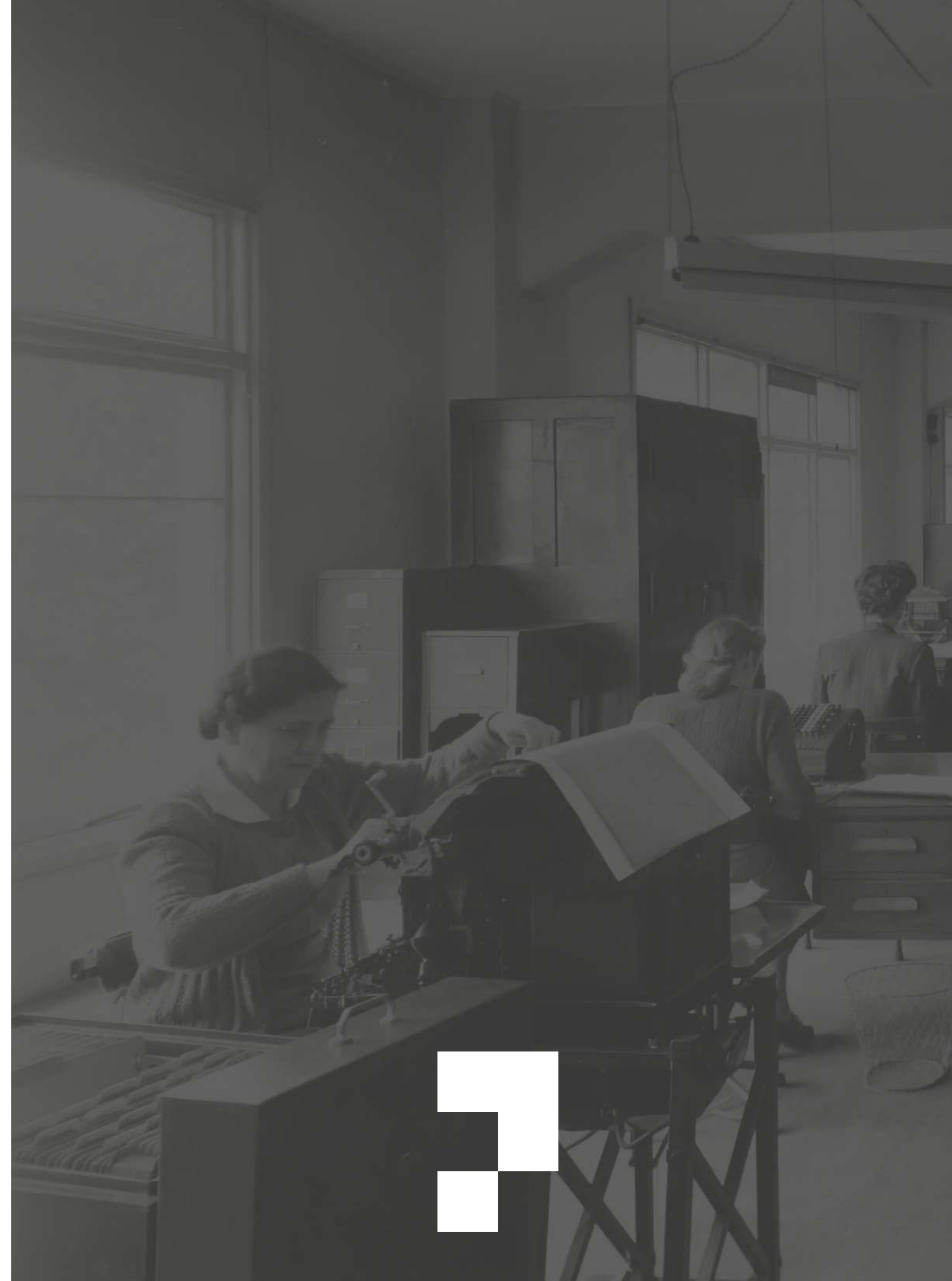
We didn't start by building an AI product.

We started inside the problem.

- Trade & logistics operations exposed manual document dependency
- AI consulting revealed the same bottleneck across enterprises
- Every solution failed at the same point: unstructured enterprise data



Forced one layer deeper: data → structure → intelligence



Problem

The Hidden Bottleneck

Enterprises are not limited by automation.

They are limited by a human document layer:

- data extraction
- validation
- reconciliation
- compliance preparation

This is the real operational cost center

“human document layer”



**~201.4M+
documents
processed every
day across Iran,
Europe, and the
GCC.**

**~43.5M+ workers
still handling
document-heavy
workflows
manually.**

**\$122B+ combined
annual leakage
from inefficiency,
errors, and delays.**

P a i n p o i n t

Why Now? ▲

Enterprises don't need better document tools.

They need a document intelligence layer.

Enterprise software is shifting from automation to intelligence.

Yet, mission-critical data remains locked inside unstructured documents.

- Fragmented Ecosystems: Systems are disconnected; data remains unstructured.
- The Intelligence Gap: Critical context is entirely missing between documents and core systems.



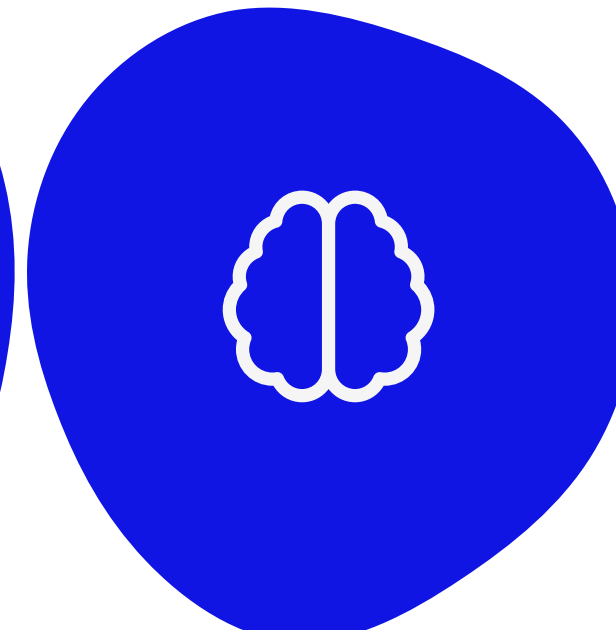
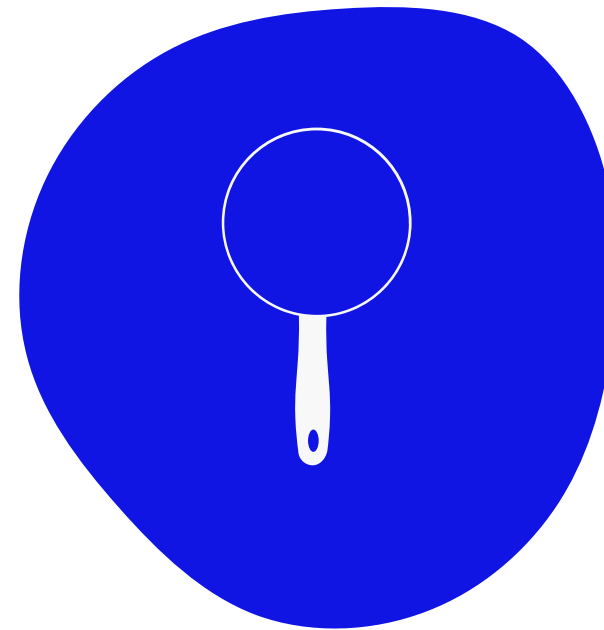
Three macro pressures are making trusted document intelligence essential infrastructure today:

1. Surging Document Volumes (Exponential data growth)
2. Rising Operational Costs (Inability to scale human labor)
3. Strict Compliance Demands (Manual risk management is no longer viable)

Our Invention solutions

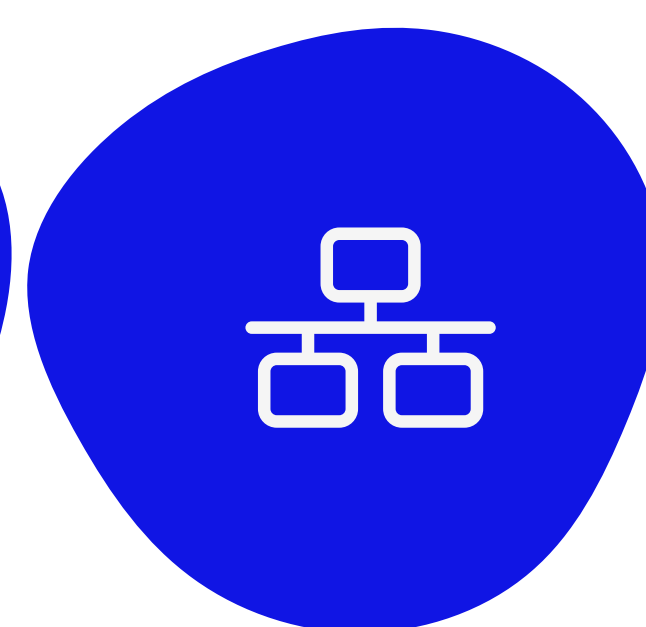
Smart Digitization

Converts bilingual documents into structured data using advanced OCR and layout understanding.



Process Engine

Entity Extraction, Automatic detection of key fields (IBAN, loan amount, Invoice, Parties, KYC data, etc.)



Compliance Engine

Validates cross-check data and validate against regulations and policies.

Learning Engine

Continuously improves with human feedback and regulatory updates.

Outcome: Every document becomes structured, compliant, and actionable ready for intelligent decision-making.

Proof in Production

Client: Enterprise customs inspection organization

Workflow (Before Synapse)

- Manual collection and review of trade documents
- Human extraction, validation, and cross-document consistency checks
- Certificate preparation handled by specialists
- High dependency on expert-driven coordination

Workflow (After Synapse)

- Document upload → automated ingestion & structured extraction
- Cross-document validation & compliance checks (rules + AI)
- Automated anomaly detection and HS/code compliance flagging
- Draft certificate generated for final approval and export

70% Reduction

Manual workload decrease

5x Increase

Operational capacity boost

45 Minutes —→ 2 Minutes

Time per case reduced

Market analysis

Total Addressable Market (TAM)

~70.5B+ enterprise documents annually (Iran + GCC + Europe) → ~\$60B–\$120B+ total value pool (equivalent manual labor, error, and operational costs)

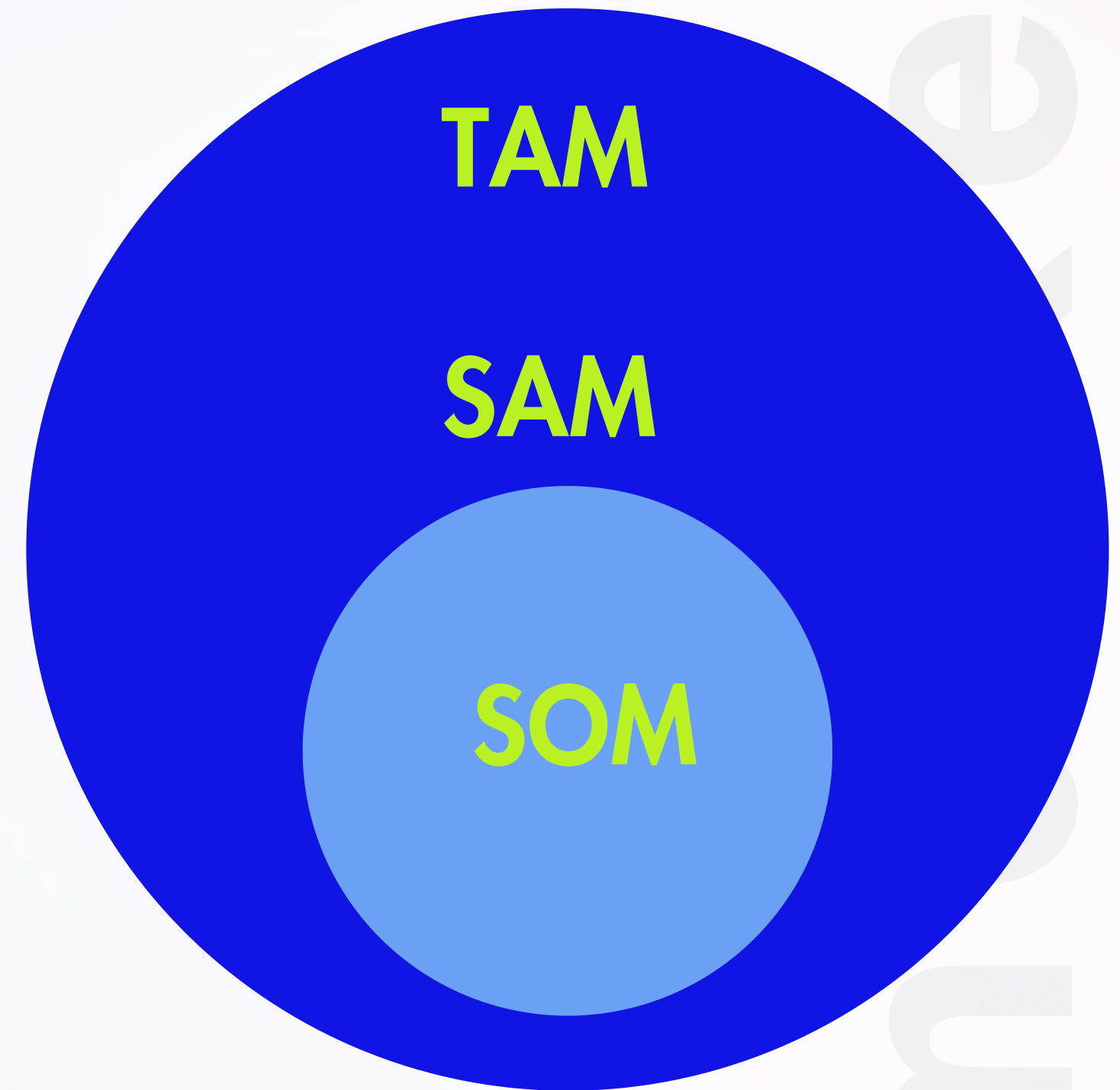
Serviceable Available Market (SAM)

~20.2B–25.2B high-value, compliance-heavy documents (Insurance, Healthcare, Logistics, Finance & Banking) → ~\$15B–\$35B+ addressable value pool

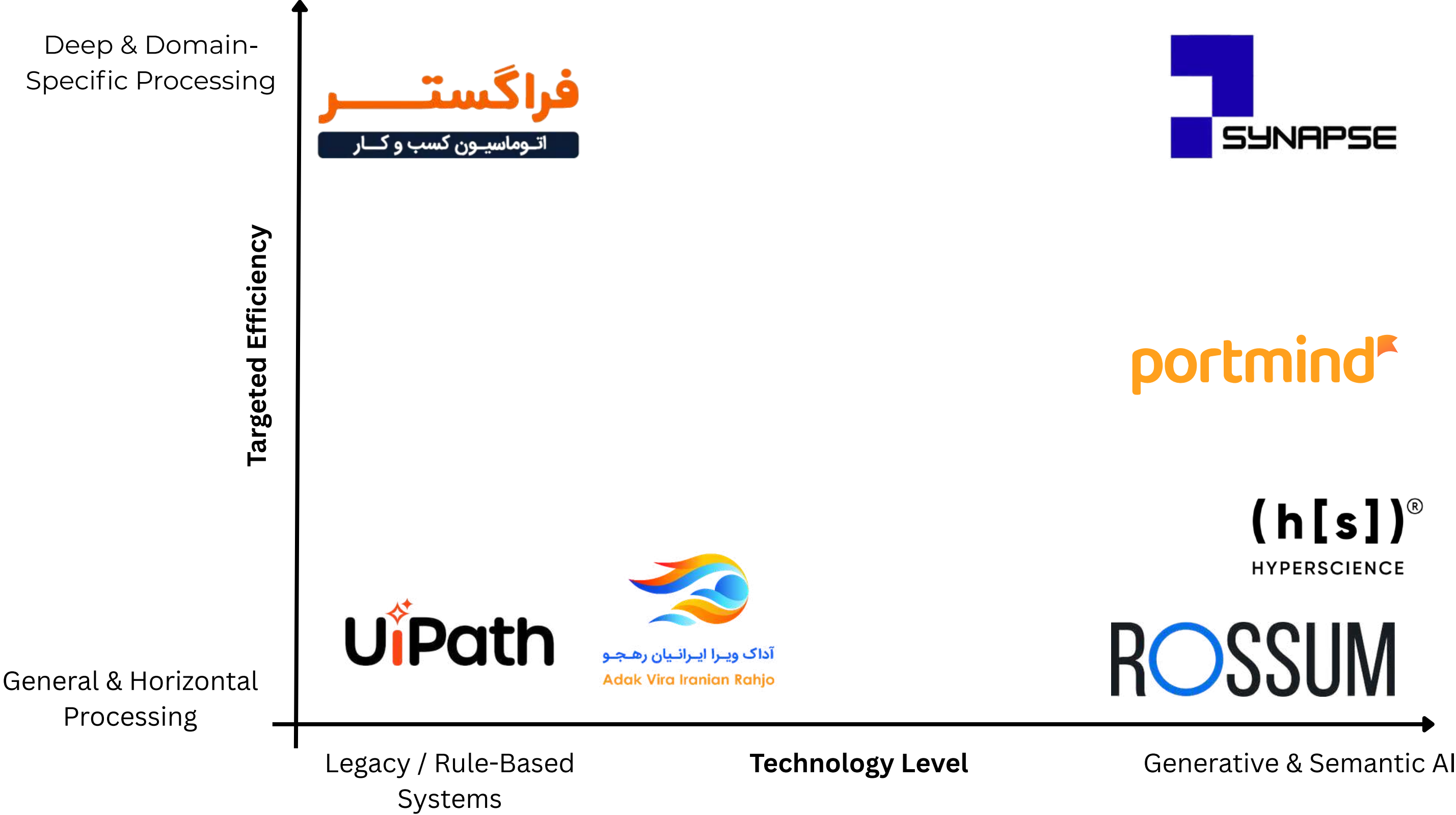
Serviceable Obtainable Market (SOM) | 3–5 Years

~70M–200M documents (Immediate Launchpad: Iran Core + Early GCC/Europe TPAs & Finance Ops) → ~\$3M–\$15M ARR potential (based on volume pricing)

*Methodology & Sources: Financial value pools calculated based on Coherent Market Insights (2026) manual processing cost benchmarks (\$3.50–\$6.00/document), Gartner Hyperautomation & Compliance Forecasts, PwC Operations Risk Studies, and NIPO/SCI administrative overhead data for the Iran launchpad region.



Competitor



Competitor Landscape

More than OCR or IDP, Synapse turns enterprise documents into compliant, actionable intelligence.
Built for complex multilingual environments across Arabic, English, and Persian workflows.
Embedded into core enterprise systems, creating a trusted intelligence layer for regulated industries.

Category	Example vendors	Key strength / risk
Global IDP / Automation	ABBYY, Hyperscience, UiPath (IDP), Rossum, Instabase, PortMind	strong document extraction and enterprise reach. Gap: primarily extraction-focused, limited domain-specific compliance intelligence and workflow orchestration.
Enterprise AI Platforms / OCR	Microsoft AI, Google Cloud AI, AWS Intelligent Document Processing	Powerful AI infrastructure and ecosystem. Gap: require significant customization and domain expertise to operationalize regulated workflows.
ERP / BPM Ecosystems	SAP, Oracle, Chargoos, System GP, ServiceNow, Appian	Deep enterprise integration and customer relationships. Gap: document intelligence is typically a feature, not a core capability.

Our Competitive Moat

1

Self-improving domain SLMs from real enterprise operations

2

Regulatory-grade hybrid compliance (AI + Rules + Knowledge Graph).

3

Embedded workflow layer across Insurance, trade, and logistics systems.

4

Localized Document Intelligence (Persian-first, MENA-optimized).



Go-to-Market Strategy

Early Adoption & Wedge

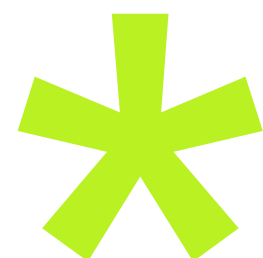


- Target a highly painful workflow bottleneck in a low-barrier industry to serve as a deeply focused, high-impact wedge.
- Resolve a specific, high-friction use case to rapidly demonstrate ROI and bypass long procurement cycles.
- Integrate natively as an infrastructure partner with major ERP platforms to instantly leverage their established distribution networks.

Enterprise Integration & Expansion



- Integrate Synapse with TMS, ERP, banking systems, and BPMS to enable cross-compliance and seamless workflow automation.
- Launch API and SDK offerings for partners and developers to provide AI-as-a-Service capabilities.
- Expand platform adoption across multiple enterprise sectors with tailored solutions.



Regional Scale & Multi-Language Support



- Scale Synapse across the GCC, CEE region, supporting low-re Persian, Arabic, and English documents.
- Enhance Learning Engine & Compliance Knowledge Graph & SLM for continuous intelligence and sector-specific insights.

Business Model

Synapse monetizes enterprise document intelligence through three revenue streams.

- Enterprise License

Annual contracts for regulated organizations and core system integrations.

- Usage-Based API (Micro-Service)

Transaction-based pricing for document processing, extraction, and compliance services.

- Platform Subscription

Tiered monthly plans based on document volume, workflows, and platform capabilities.

Traction & Milestone

- 1 Paid Enterprise Deployment
- 3 Active Pilots
- 20+ Customer Discovery Interviews
- Production-Ready Platform Live
- Operationally Validated in Real Workflows

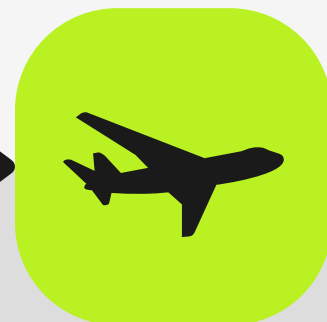
MVP

Q4 2025



**Hybrid
Reasoning**

Q1 2026



**Domain
SLM**

Q2–Q3



**Synapse
OS**

Q4 2026 – Q2
2027



Team



Mehrdad Mohamadali

Co-Founder & Chief
Executive Officer

Mehrdad, Visionary product strategist with 6+ years of experience across AI, design thinking, and product-led growth.

Previously Co-founder at AI Plus, building AI-powered platforms in EdTech, research, and media.

Now leading Synapse to reimagine how enterprises transform unstructured data into intelligent knowledge.

Expert in human-centered AI design and scaling multidisciplinary product teams.

Hamze, Senior Software Engineer and tech with deep expertise in backend architecture, microservices, and scalable systems.

Formerly at SamFintech and Ramzinex, where he led system redesigns using DDD, CQRS, and high-availability architectures for financial platforms.

Co-founded Keshmoon, Iran's first Farm-to-Fork startup, growing it through 3 investment rounds.

Passionate about building robust infrastructures and intelligent automation systems for complex data environments.



Hamze Qaempanah

Co-Founder & Chief
Technology Officer

Growth

Ask

Strategic Partnership & Seed Funding

- We are looking for a partner to help solidify Synapse IDP/DIC as the foundational intelligence layer for Insurance, trade and finance.
- Capital (Seed): Following the successful completion of Phase 1, these funds will be deployed to accelerate enterprise product development, expand our v4 AI model capabilities, deploy production-grade microservice infrastructure for high-volume processing, and scale commercial growth.
- Strategic Mentorship: Industrial AI Infrastructure Guidance on engineering scalable, mission-critical AI infrastructure specifically for the Financial, Logistics, Commerce, and Insurance sectors within the regulatory landscape.



get in touch with us



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contact