



vectormind

your data, our AI

VectorMind AI for Finance

Secure, auditable Gen-AI
for banking, wealth and
financial services.



Financial institutions face vast document volumes, strict compliance demands and high-stakes decisions. VectorMind embeds enterprise-grade Gen-AI into advisory, credit, risk and operations — extracting structured data from statements and contracts, surfacing precedent and signals, and enabling natural-language access to systems while preserving data sovereignty and auditability. Deliver quicker credit decisions, sharper portfolio insights and compliant automation without exposing IP or customer data.

Customer Onboarding & KYC Automation

Onboarding requires many document types in inconsistent formats; manual review is slow, error-prone and causes client drop-off and compliance risk.

For this use case, Iris is used for document ingestion & extraction, Neuroflow for orchestration & rules; and Knowledge Nodes is used for policy-tuned conversational intake)

How it works:

Prospective client submits ID, proof of address, bank statements and source-of-funds documents via secure portal or chat (WhatsApp optional). Knowledge Nodes guide the intake and prompt for missing items.

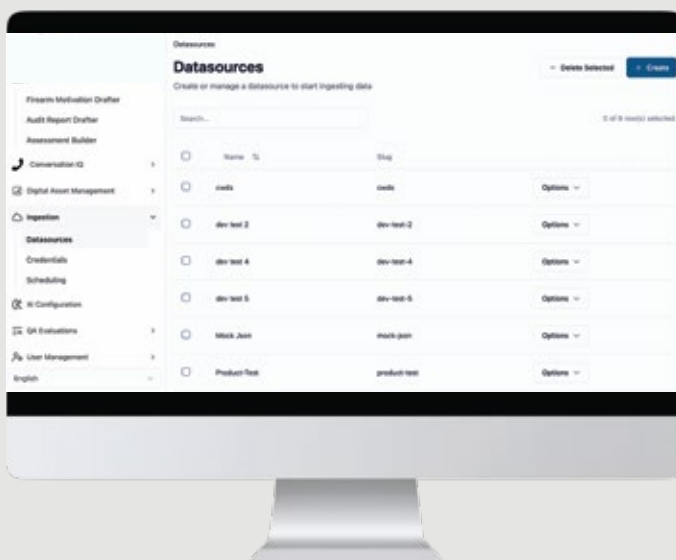
Iris auto-ingests files (OCR, structured extraction), normalises fields (names, dates, amounts), and converts to structured JSON.

Neuroflow run KYC checks (sanctions, PEP lists, risk scoring), apply institution policies, and either auto-approve low-risk profiles or route high-risk cases to compliance with a prefilled dossier and cited evidence.

The system issues an onboarding status, provisions account IDs, and logs the full decision trail for auditors.

Gains

- Faster onboarding and **lower abandonment rates**.
- Fewer manual errors and missing documents on first pass.
- Consistent **application of KYC policy** and risk scoring.
- Auditable **evidence for regulators** and internal governance.
- Onboarding time **reduction: 50–80%**.
- Drop-off reduction during onboarding becomes significant (client dependent).
- Compliance review time per case: **reduced by 40–70%**.



Credit Assessment & Decision Support

Underwriting credit requires manual collation of statements, financial models and external records; this is time-consuming and inconsistent across underwriters. Synaptic Search ensure structured query & embeddings, while Business GPT applies domain-tuned reasoning, and Atlas is used for document discovery & graphing.



business GPT



How it works:

The underwriter queries the system in natural language. **Synaptic Search** aggregates structured data (transactions, ratings, bureau scores) while **Atlas** locates relevant documents (financial statements, prior credit decisions). **Business GPT** generates a concise credit summary, an explainable risk score, and recommended conditions or covenants, citing source documents and key transactions. The underwriter reviews, edits and approves; the final decision is logged with provenance and rationale.



Faster credit decisions | Improved transparency | Reduced manual data-assembly overhead

More Finance Use Cases



Fraud Detection & Transaction Anomaly Analysis

Semantic linking across transactions, documents and customer profiles to surface anomalous patterns and chains of activity for investigators. Faster detection, richer evidence graphs and improved SAR workflows.



Portfolio & Risk Insights

Natural-language interrogation of portfolio exposures, correlations and scenario summaries with provenance and suggested hedges. Faster portfolio reviews, better-informed risk mitigation and decision transparency.



Client-Facing Advisory Assistants

Secure client portals and chat assistants that answer account queries, provide investment summaries & explain fees in plain language. Improved client engagement, lower advisor admin time & consistent regulatory disclosures.



Document Archival Search & Discovery

Semantic search across decades of contracts, notices and filings to support audits, disputes and due diligence. Faster discovery, consistent precedent retrieval and reduced legal cost.



Regulatory Reporting & Compliance Monitoring

Continuous monitoring of filings, communications and transactions to generate regulator-ready reports with source links and audit trails. Reduced reporting time, stronger compliance posture and defensible evidence for auditors.



Legal / Contract Review for Deals Extract key clauses, covenants and change-of-control triggers from loan docs & contracts; generate redline starters & impact summaries. Faster deal review, reduced external legal spend & consistent clause handling.



AML Case Management & SAR Preparation

Ingest reports, link entities and transactions, score risk, and assemble SARs with full source citations for filing. Faster case assembly, higher-quality filings and traceable audit evidence.



Treasury & Liquidity Exception Handlings

Orchestrate exception workflows across treasury systems, auto-route funding or hedging actions and surface decision rationale. Faster remediation of liquidity events and improved operational resilience.



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VectorMind provides an affordable, easy-to-integrate Gen-AI solution, giving your employees access to the magic of all the top global commercial Gen-AI platforms, without exposing IP and sensitive data.



Get rid of tedious
tasks & human error



Automate actions &
set alerts



Always ensure factual
AI answers



Homegrown
affordable South
African software

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