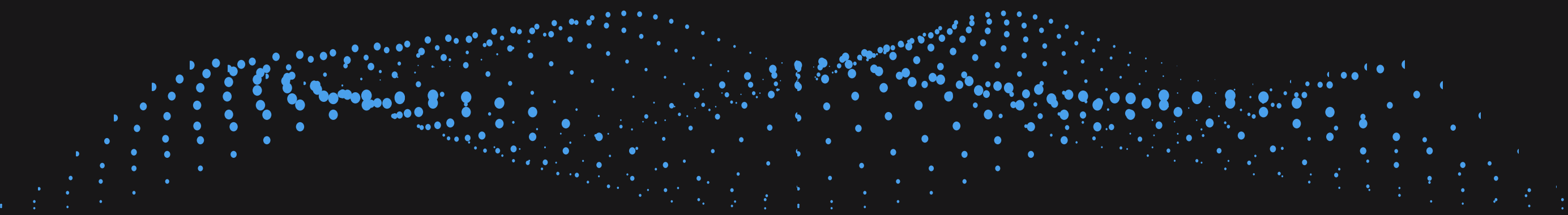



VRiN — AI Deep Search for Your Data

HybridRAG retrieval with multi-hop
reasoning and citations



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PROBLEM

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20-30%

Time Sink

Employees lose 20–30% of their week just finding information. McKinsey/IDC show **~1.8–2.5 hours/day** loss searching or re-creating info

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\$3.1 T/yr

Economy Wide Losses

IBM/IDC report that the cost of “bad or inaccessible” data is massive. Gartner pegs poor data quality at **\$12.9–\$15 M/year per enterprise**

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20+

SaaS tools & private stores

Teams use dozens of SaaS apps; answers require **cross-document, permission-aware, explainable reasoning** — today’s generic chatbots and **vanilla RAG fall short.**

WHY NOW

VRiN

78%

Mainstream Adoption

Companies report using AI in at least one function (up from 72% in 2024)

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92%

Budget Rise

Executives expect to increase AI spend over the next 3 years; pressure to prove ROI is high

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60%

SMB Momentum

Will increase spending in 2025 (faster than many other IT categories)

[Read More ↗](#)

100%

Market Signal

Market leaders center messaging around permission-aware search, grounded answers —demand for cited, context-rich systems is durable

SOLUTION

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From documents to decisions.

Reasoned answers, permission-aware, grounded in company data

1. Facts-First Approach

🌐 Extracted 15 facts and 7 vector chunks

- Knowledge Graphs + Vector Chunks to ground every response in company facts
- NO Hallucinations

2. Multi-hop Reasoning

🌐 Explored 3 Source Documents

- Cross-document synthesis
- Traces the chain of facts
- Produces citations and confidence

3. BYOC/BYOK

- Respect ACLs
- Deploy in customer cloud
- Complete audit trail

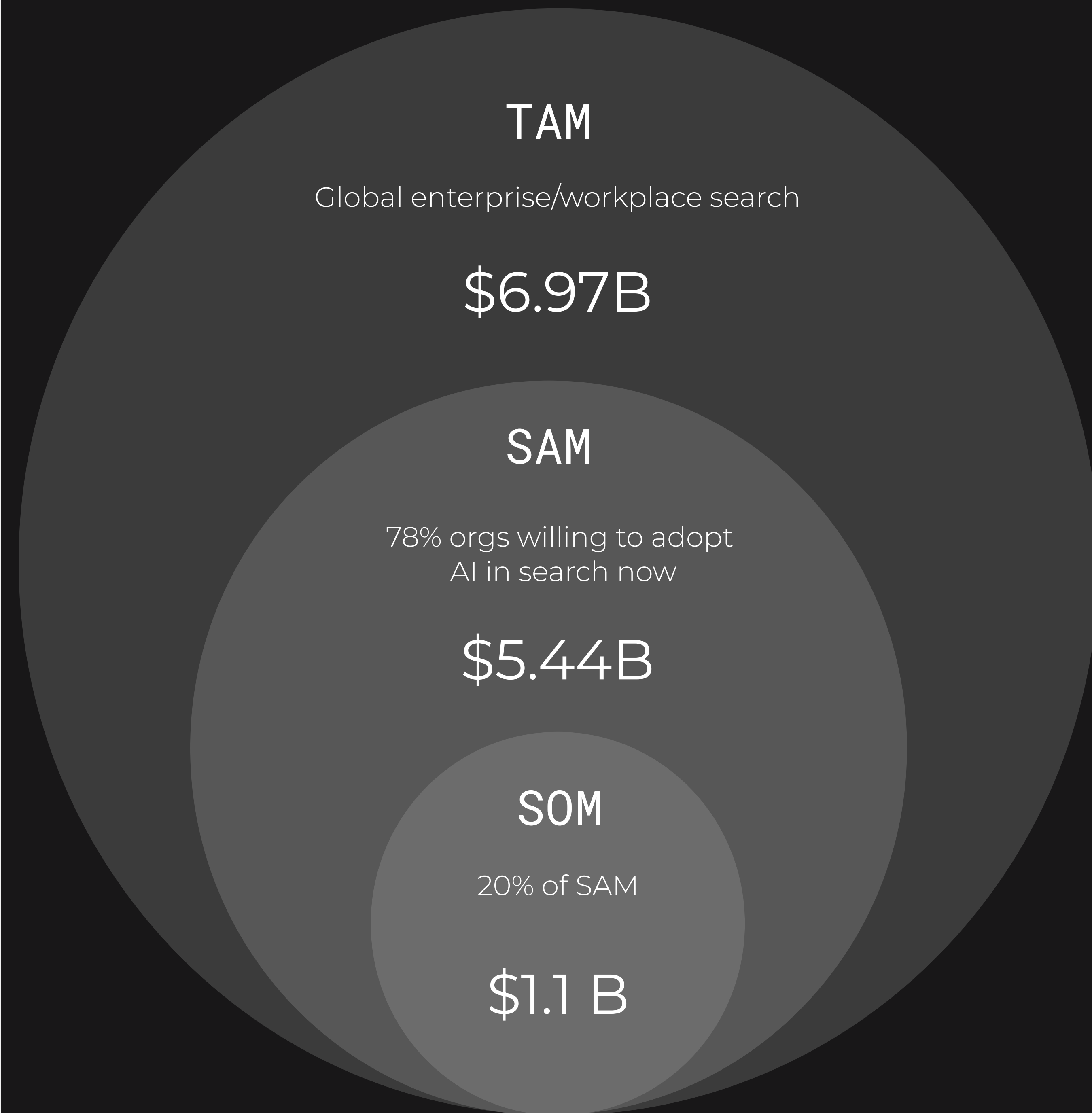
4. Expert Specialization

- Custom experts for Support, Engineering, Legal, Finance & other industries

MARKET OPPORTUNITY

A wedge into a
\$7B core —
expanding into
the broader
GenAI for Work
stack

[Read More ↗](#)



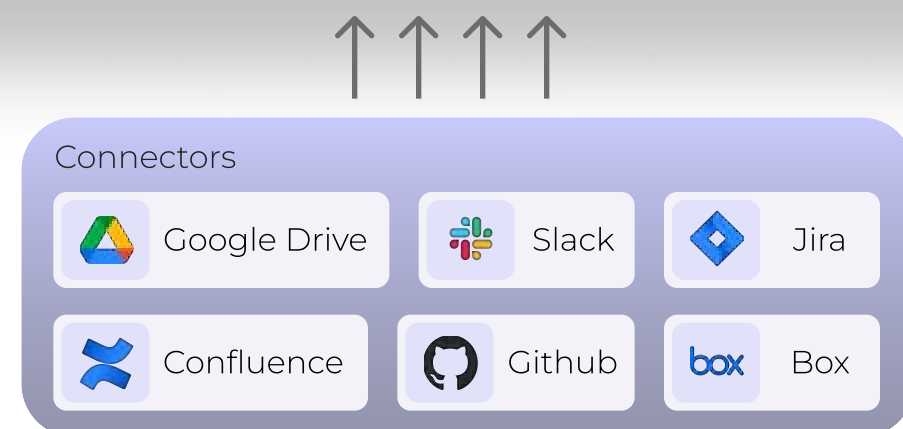
PRODUCT

VRiN

```
from vrin import VRINClient

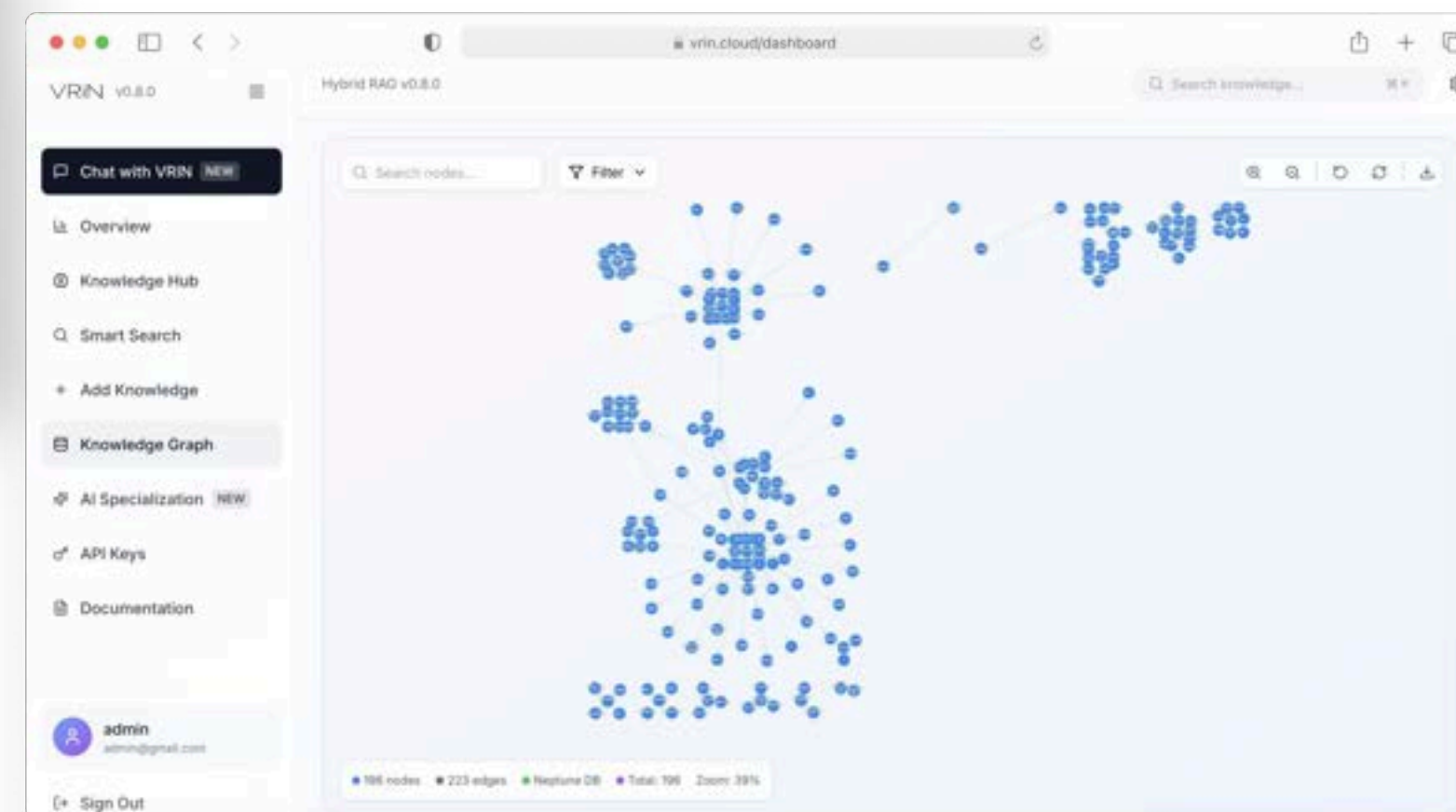
client = VRINClient(api_key=os.getenv("API_KEY"))

insert_doc = client.insert(
    content=tech_acquisition_doc,
    title="TechGlobal Strategic M&A Assessment"
)
```



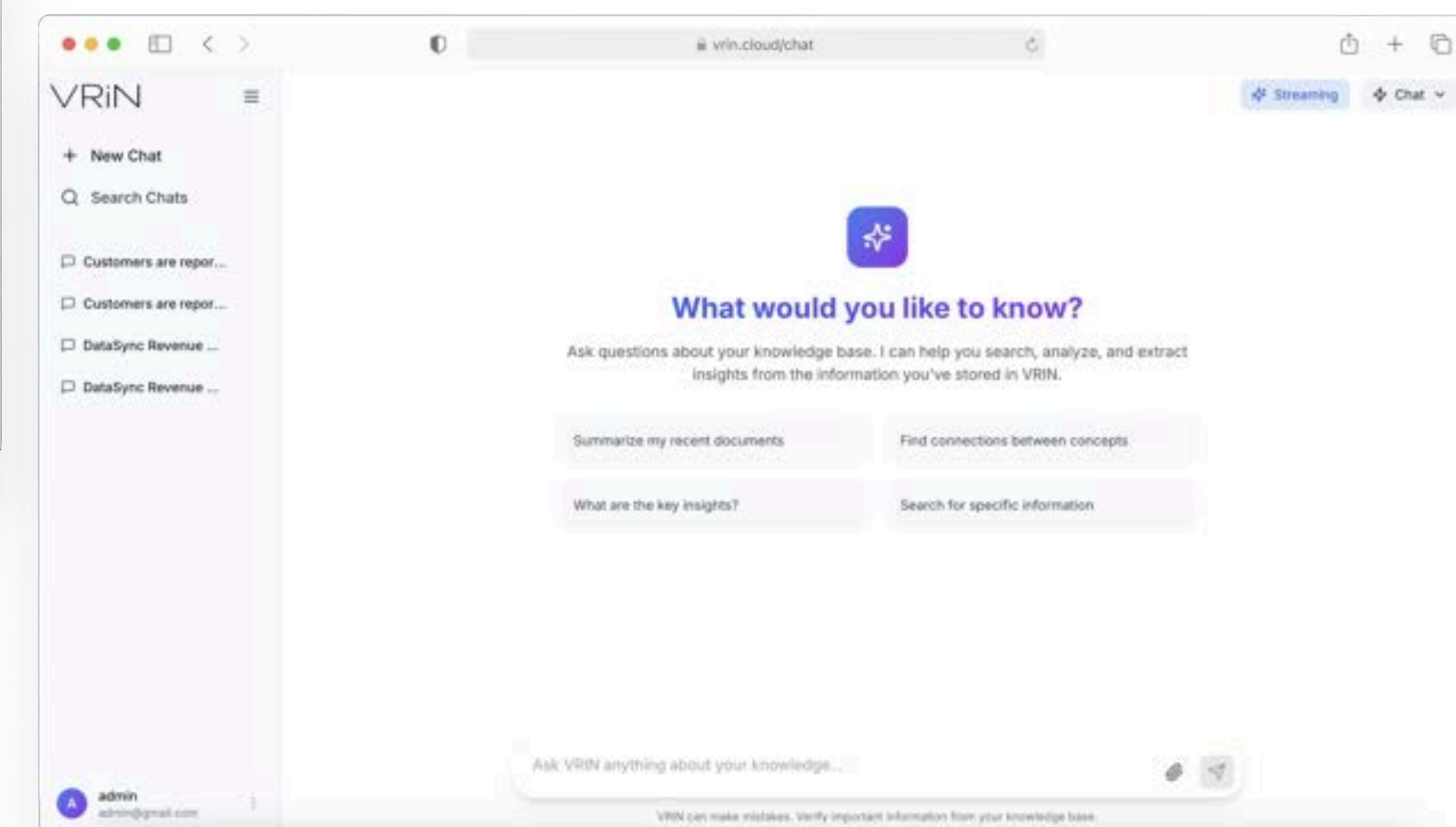
Ingest Siloed Data

Connectors → de-dup →
extract entities/relations
and embeddings



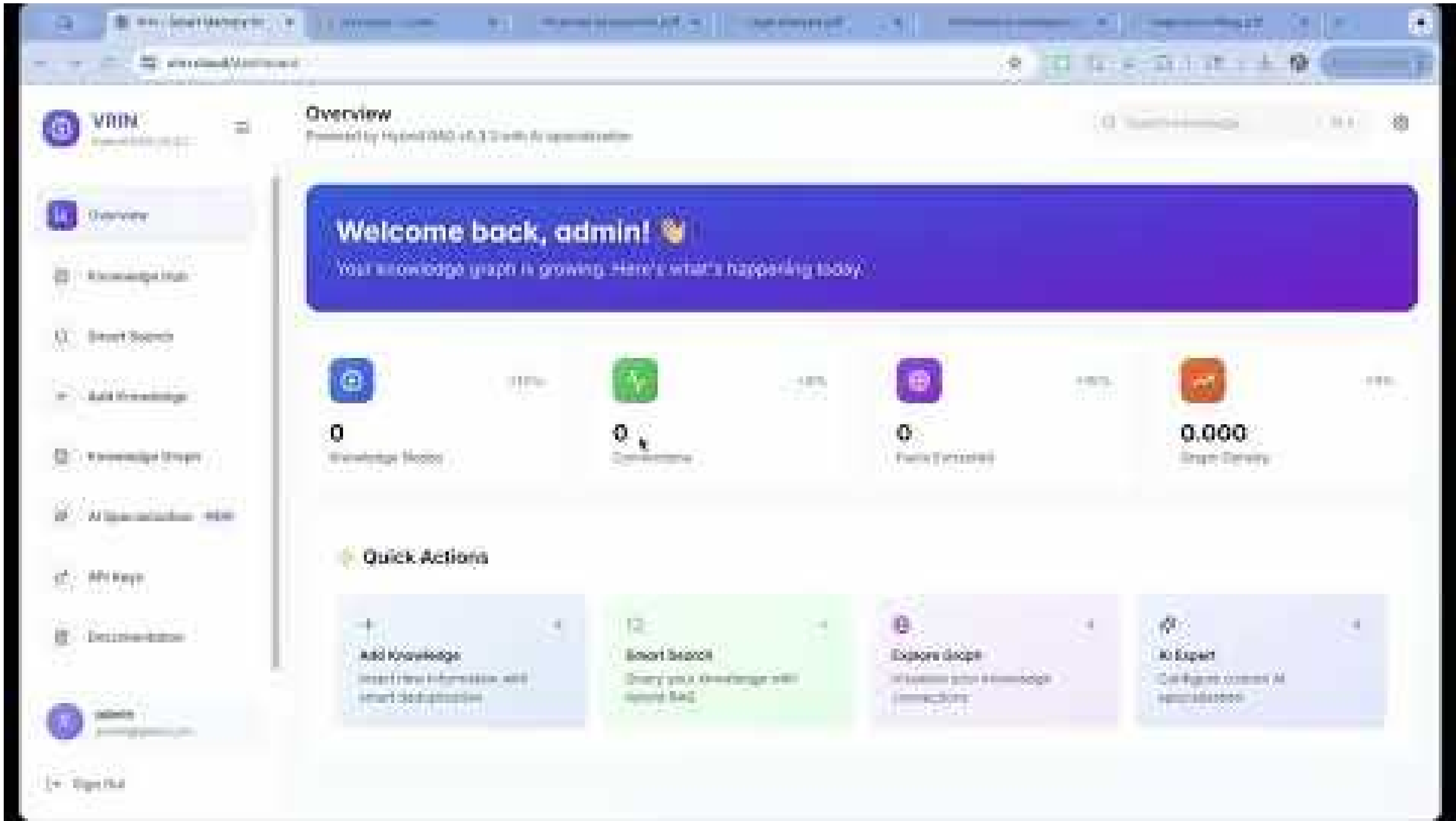
Structure

Store as entity centric
knowledge graph +
vector index.

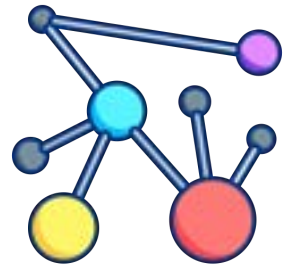



Retrieve & Reason

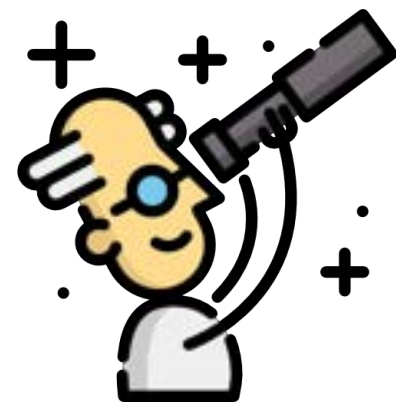
Entity + semantic HybridRAG
retrieval → result fusion →
multi-hop chains → answers with
citation



[Watch ↗](#)



Vrin's targeted focus on structuring the ingested knowledge facilitates  multi-hop reasoning and cross-document insights



Galileo Galilei leveraged multi-hop reasoning to discover mountains on the surface of the moon [Read More ↗](#)



Andrew Ng
Founder

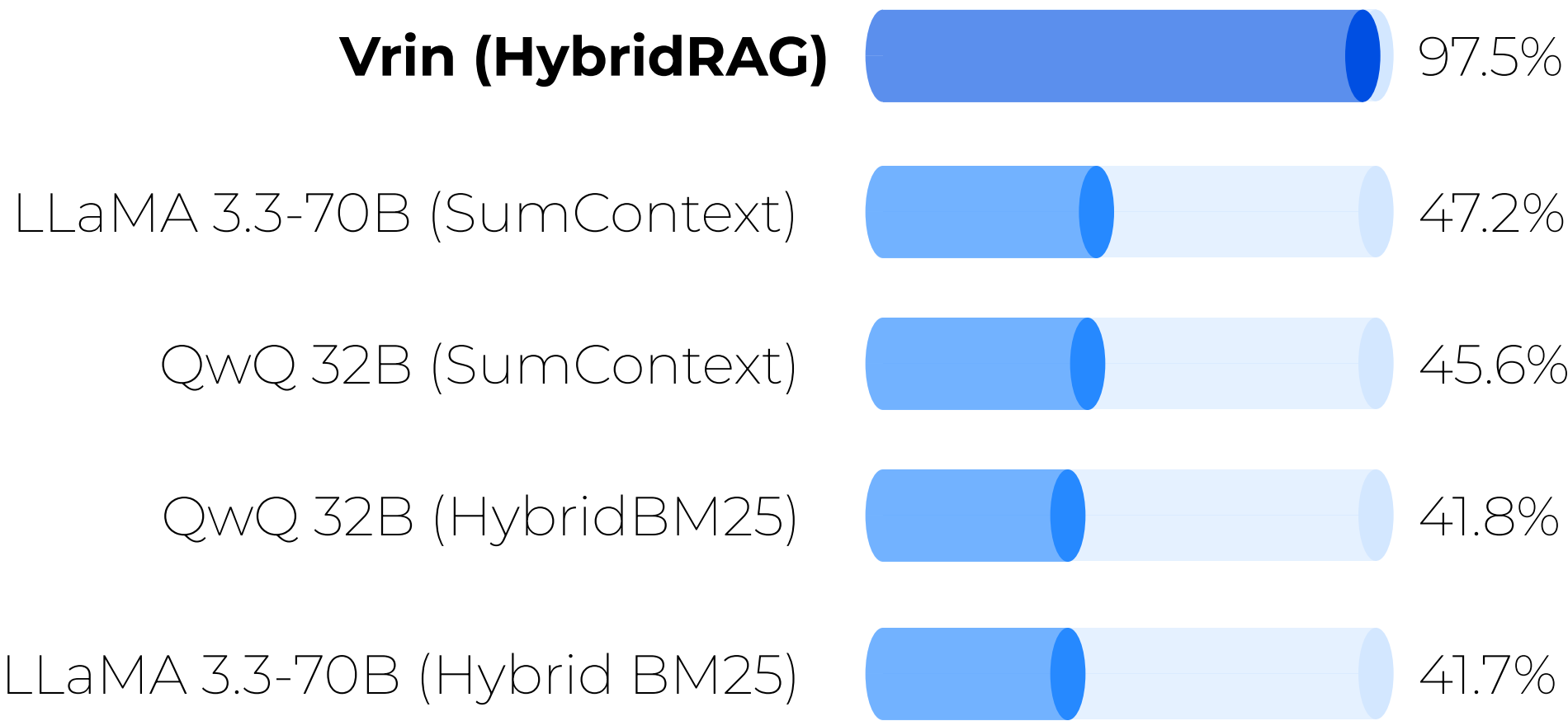
 **DeepLearning.AI**

“Focusing on the quality and structure of data fueling AI systems is what unlocks its power.”

BENCHMARKS

RAGBench FinQA

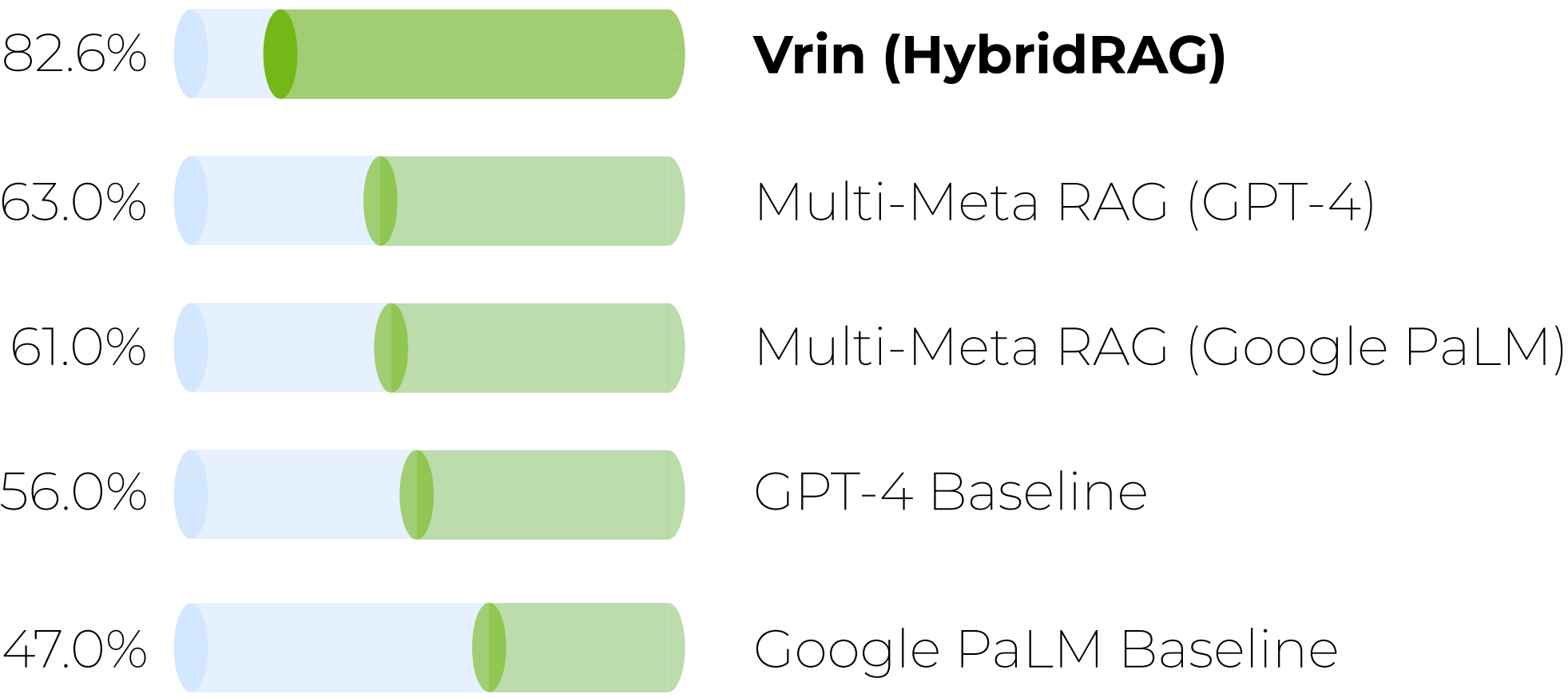
Metric: Number Match (NM)



[Learn More](#) ↗

MultiHop-RAG

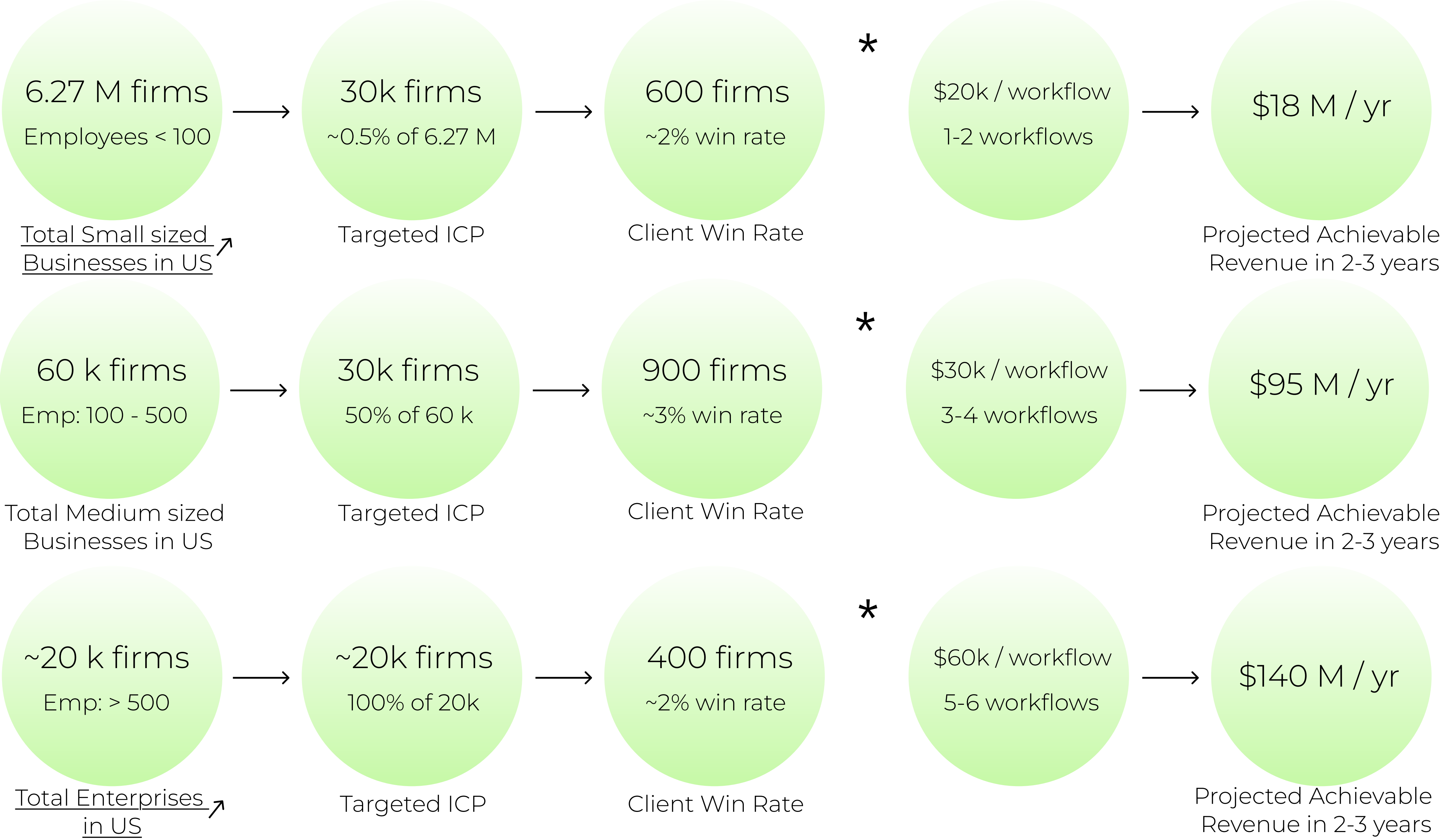
Metric: Semantic Accuracy (SA)



[Learn More](#) ↗

REVENUE MODEL

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BUSINESS MODEL

VRiN

Features	Builder (Free)	Team (\$2–4k/mo)	Business (\$8–15k/mo)	Enterprise (\$60–\$250k+/yr + usage)
Data scope	up to 200k chunks / 200k edges	2–5M chunks / 3–7.5M edges	10–25M chunks / 15–35M edges	Custom (100M+ chunks; 150M+ edges)
Queries/mo	10k	100–250k	500k–1M	Custom (SLA'd)
HybridRAG	Shared infra	Dedicated indices	Dedicated + VPC peering	Private/VPC or on-prem
Memory & CBOM	Basic	Full CBOM & TTL	Full + exports	Full + auditor packs
Security	API keys	Basic RBAC	SSO/SAML + SCIM	SSO/SAML, SCIM, data residency
Connectors	CSV/S3	+ Postgres/Drive	+ Slack/Jira/Confluence/SharePoint	All + custom
Support	Community	Email (48h SLA)	Priority (8–12h SLA)	TAM & DSE
Add-ons	—	Extra storage/queries	Compliance exports, private LLM	On-prem, managed upgrades

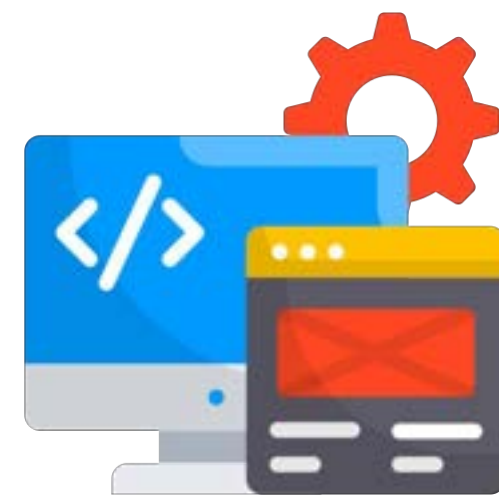
GO-TO-MARKET

VRiN



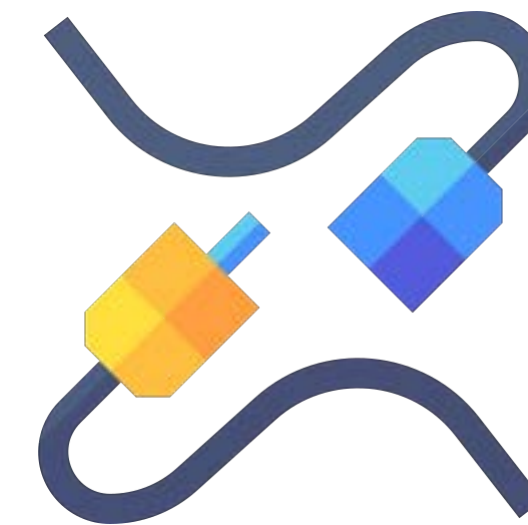
Founder-Led Enterprise Sales

Target **CIO/CDO/Head of Platform** at data-rich, compliance-bound orgs (engineering, financial services, healthcare, industrial). Lead with pilot that measures time-to-answer and reduction in duplicate work.



Self Serve Developer Motion

SDKs
Guides
Learning Modules
Tutorials
Community



SaaS tools & private stores

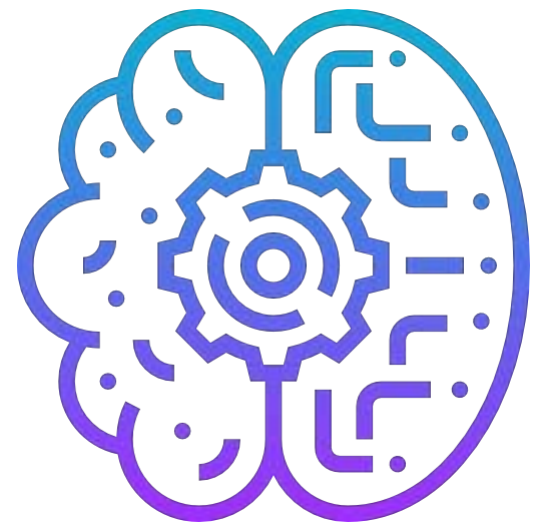
iPaaS & data integration partners for connectors. Connectors are commodities, reasoning & analysis are the real value

COMPETITION



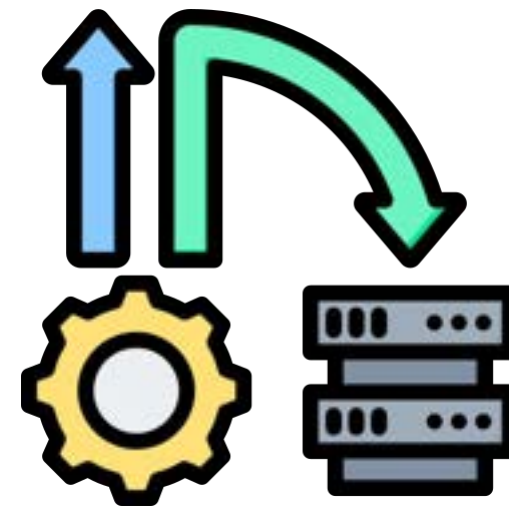
COMPETITIVE ADVANTAGE

VRiN



Deeply reasoned Explainable responses

Knowledge Graphs + Vectors to support multi-hop reasoning while retaining permission awareness to address industry's need for grounded outputs and lower hallucinations.



Governance & deployment control as first-class

Similar governance posture as hyper-scalers (AWS Kendra, Google Vertex) but deeper cross-source reasoning chains and domain specializations instead of generic retrieval.



Faster Path to ROI

We optimize for answer quality with citations and time-to-value.
“Trust + Measurable Impact” wins budget in 2025.
Ship deep search/answers inside existing tools via clean APIs & SDKs for rapid integration



TEAM

- ex-Microsoft GenAI
- IEEE AI/ML Author
- UC Davis Research
- Agentic AI

I built a **production AI assistant system** for internal developers at **Microsoft** and saw vanilla RAG break under real workflows—fragile pipelines, context bloat, and no provenance. At UC Davis, my research pushed TinyML ECG models to extend battery life from ~2 weeks to 1+ month and used cloud offload for heavier multi-label analysis (**research published in IEEE ISCAS**). I also led a multi-agent Health LLM system that had to fetch the right medical signals and choose the right model for each question—exposing **RAG’s gaps in multi-hop reasoning, cross-document synthesis, and time awareness**. Vrin is the system I wished I’d had: a neutral control plane that makes AI answers accurate, auditable, and enterprise-ready.

[Learn More ↗](#)

TRACTION



The Challenge

A leading research lab at UC Davis is standing up a multi-agent Health LLM to answer patient questions using continuously recorded signals plus clinical context. The existing approach struggled with reasoning — vector-only RAG missed cross-signal links and couldn't explain answers; and integration velocity—DIY pipelines across silos were slow to deploy and hard to maintain.

The Solution

We integrated Vrin as the memory & context layer inside the multi-agent orchestration, providing HybridRAG with permission-aware retrieval, per-claim citations, and BYOK/VPC deployment patterns aligned to the health system's AI/privacy guidance.



The Challenge

A multi-brand hospitality & retail operator needed a smarter website assistant. Knowledge was spread across a proprietary customer-insights database plus wikis, PDFs, and ticket notes — each with strict permissions. The team wanted trustable responses that referenced their own data, without standing up a costly DIY RAG stack or rewriting existing systems.

The Solution

We deployed Vrin via SDK into their existing web assistant. Customer-insights tables and content were ingested with entity/relationship extraction, then fused during retrieval to support multi-hop, cited answers. Row-level permissions and VPC/BYOK patterns enforced data access. The assistant calls Vrin's API for grounded responses.

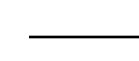


Pipeline: Engaged with & Actively scoping multiple enterprise and mid-market buyers; pilot statements of work in progress to embed Vrin in priority workflows.

THE ASK

Go-to-Market & Customer Success

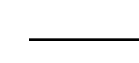
(~\$200k)



Land 6-8 pilots; Solutions Engineer; Light Marketing

Security & compliance

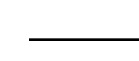
(~\$125k)



3–12-month observation window; several weeks of audit/report

Connectors & partnerships

(~\$50k)



8–10 highest-leverage connectors

Research & Innovation

(~\$100k)



Brainstorming model; Multi-hop reasoning improvements



\$500K

VRiN

Thank you

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<https://www.vrin.cloud>

