Verbis Graph

Turning fragmented research and business knowledge into connected, searchable, and actionable intelligence

AWS, Google, Azure Marketplace • HPC ready

Verbis Graph | verbisgraph.com

Verbis Graph

Turning fragmented enterprise knowledge into connected, searchable, and reliable intelligence

Verbis Graph helps companies unify complex documents, internal knowledge bases, reports, procedures, and structured business data into an AI-powered Knowledge Hub.

It enables faster knowledge access, better decision-making, source-grounded insights, and more reliable enterprise AI workflows.

Business Problem

Many organizations have years of accumulated research and business knowledge dispersed across multiple disconnected documents.

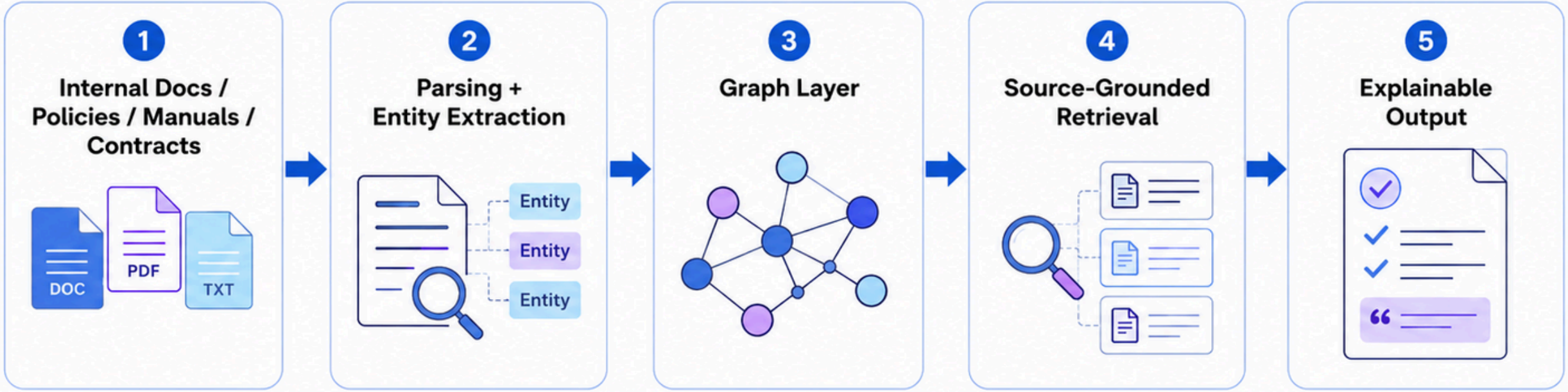
This fragmentation creates several problems:

- long search times for historical research;
- repeated studies due to lack of visibility into existing information;
- difficulty connecting qualitative and quantitative insights;
- limited reuse of past research investment;
- slower response to market changes;
- reduced ability to generate evidence-based recommendations quickly.

The result *is slow access to insights, duplicated research, and missed opportunities.*

How Verbis Graph Works

Verbis Graph combines GraphRAG, semantic retrieval, knowledge graph reasoning, multi-hop relationship analysis, ontology and natural-language interaction.



Why This Matters

Fragmented knowledge creates direct business cost

When historical knowledge is difficult to access, companies face:

- long search times for previous studies
- repeated research investments
- limited reuse of past insights
- difficulty connecting qualitative and quantitative information
- slower response to market changes
- weaker evidence behind strategic decisions

The real challenge is making knowledge connected, searchable, explainable, and reusable.

Example Business Questions

VERBIS GRAPH

Natural-language access for non-technical users

- What do we already know about this consumer segment?
- Which studies mention purchase drivers for this category?
- Have we already researched this topic before?
- What consumer pain points appear across historical studies?
- Which competitors are most frequently mentioned?
- What opportunities were identified but not yet acted on?
- What trends are emerging across categories or channels?

Every answer is grounded in the original source documents, with traceable references.

Key Capabilities

More than search: an intelligence layer

Verbis Graph supports:

- centralized access to historical knowledge
- source-grounded answers with citations
- automatic synthesis across multiple studies
- connection of qualitative and quantitative insights
- reduction of duplicated research
- consumer, category, brand, and competitor intelligence
- AI-assisted summaries and recommendations
- API-based integration with existing systems
- deployment as a standalone platform or enterprise AI infrastructure layer

Technical Maturity

Verbis Graph is already available through **AWS Marketplace, Microsoft Marketplace**, and **Google Cloud Marketplace** .

HPC Evaluation

Verbis Graph has been evaluated on the CINECA Leonardo High-Performance Computing infrastructure across knowledge-retrieval benchmarks.

Test 1: NFCorpus - Healthcare knowledge retrieval

- 92.26% retrieval hit rate
- MRR: 0.592
- Hit@1: 50.5%
- Hit@10: 77.7%

Test 2: SciFact - Scientific evidence retrieval

- 98.0% retrieval hit rate
- MRR: 0.721
- Hit@1: 65.0%
- Hit@10: 85.7%

Test 3: FIQA - Financial knowledge retrieval

- 95.3% retrieval hit rate
- MRR: 0.584
- Hit@1: 51.6%
- Hit@10: 74.2%

Expected Business Impact

Faster insights, better reuse of knowledge, stronger decisions

Verbis Graph can help enterprises:

- reduce time spent searching for historical studies
- avoid duplicated market research
- reuse previous consumer and business insights
- connect qualitative and quantitative knowledge
- support faster strategy and category decisions
- improve evidence-based recommendations
- create a foundation for predictive market intelligence

It is building an AI-powered intelligence capability that supports faster and more confident decision-making.

Verbis Graph | verbisgraph.com