



Mimir

Make enterprise
knowledge accessible
in real time.

abacusgroup.io

DIGITAL PRODUCTS

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Solution Brief

Mimir

Mimir is an AI platform based on RAG (Retrieval-Augmented Generation) technology, designed to make enterprise knowledge accessible through an intelligent assistant.

The Challenge

Accessing enterprise knowledge is often complex, slow, and poorly structured.

Typical challenges include:

- Information distributed across multiple systems and documents
- Difficulty retrieving updated content
- Dependence on expert operators for accurate answers
- Long support response times for internal and external users

This reduces operational efficiency and makes it difficult to deliver fast and consistent responses.

The Solution

Mimir introduces a structured approach to enterprise knowledge management based on RAG (Retrieval-Augmented Generation) technology.

The platform transforms enterprise documents and content into an AI-queryable knowledge base, providing contextual and reliable answers based on validated sources, with full control over data and access policies.

Core Components

- RAG engine
- Document parsing
- Vector database
- Chatbot interface

Application Areas

- Customer support
- Enterprise team support
- Knowledge Management

Business Impact

- Reduced information access times
- Greater operational efficiency
- Improved response quality
- Reduced workload for support teams



Case Study

Enterprise Knowledge Assistant

An organization managing a large volume of internal documentation needed to improve information accessibility for operators and customers.

The Challenge

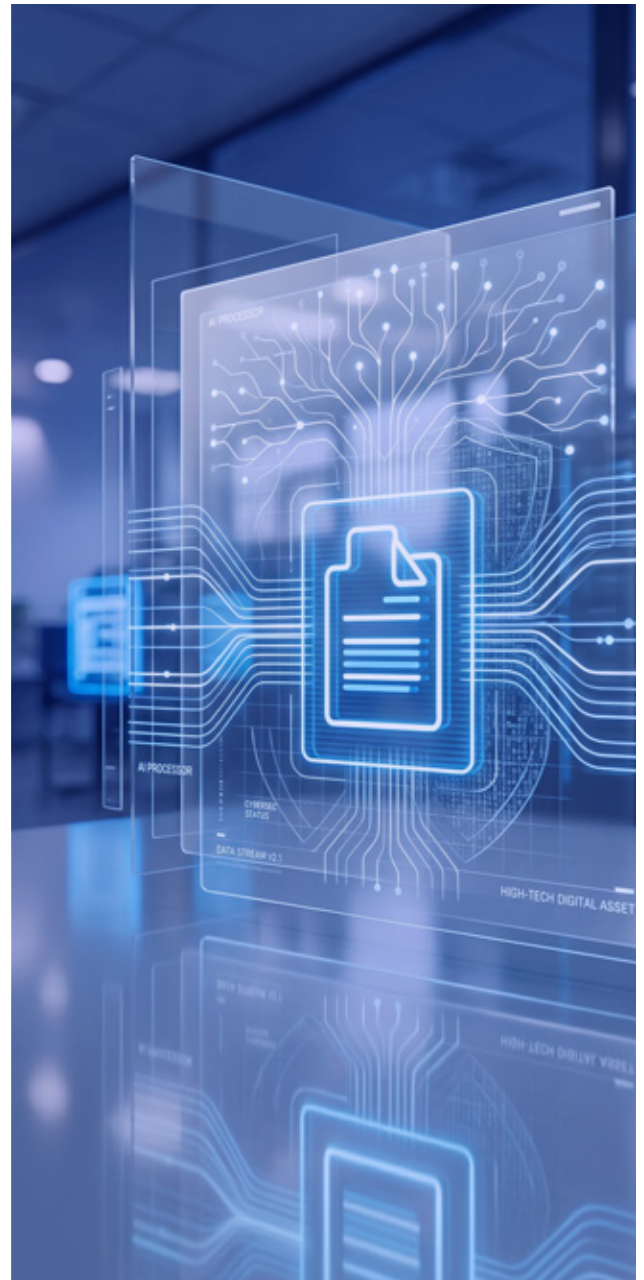
- Fragmented documentation
- Long response times
- Operational inefficiencies

The Solution

Abacus implemented **Mimir** as an AI platform for enterprise knowledge management. The solution integrated internal documentation, a RAG engine, and a conversational interface, reducing information retrieval times and improving response quality.

Implementation

- Document ingestion
- RAG model configuration
- Integration with enterprise systems



Results

- Reduced response times
- Greater user autonomy
- Improved service quality

Industry

Enterprise Services



Architecture

Architecture Overview

Mimir uses an architecture based on API Gateway, processing services, and a RAG engine.

Core Layers

Ingestion Layer

Upload and management of enterprise documents.

Processing Layer

Parsing, indexing, and embedding generation.

Retrieval & Generation Layer

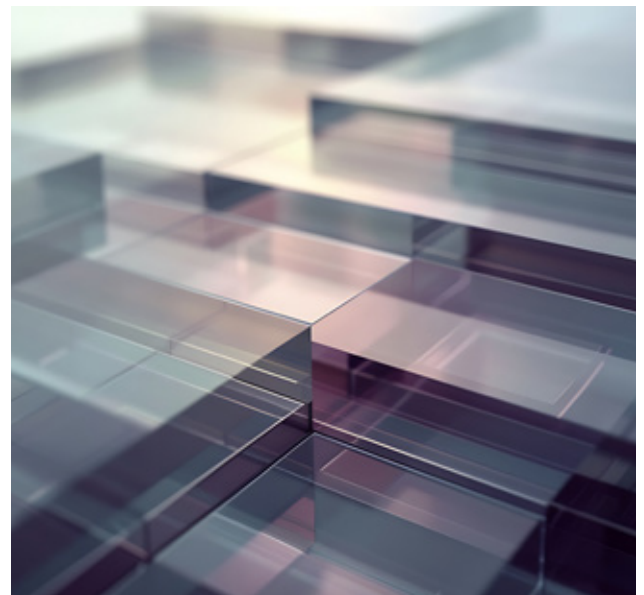
RAG engine for information retrieval and response generation.

Core Components

- Public frontend and back office
- Node.js backend (API Gateway)
- Python backend (RAG engine)
- Document parsing systems
- Vector database

Data Flow

- Document upload
- Bucket storage
- Queue-based processing
- Embedding generation
- Chatbot querying



Security

- Isolated environments for each customer
- Authentication and authorization
- Controlled document access
- Integration with GDPR-compliant services

Output

A secure and scalable AI platform for enterprise knowledge management.

One Abacus. Many Minds. One Vision.

Discover how **Mimir** can
transform enterprise
knowledge management.



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