

AI KNOWLEDGE RETRIEVAL CUTS SEARCH TIME BY 30%

AGENTIC RAG ACROSS STRUCTURED & UNSTRUCTURED ENTERPRISE DATA

Enterprise Knowledge Management | Domain-Specific AI Retrieval



INFLECTION POINT

- Vast domain-specific knowledge spread across complex formats, from PDFs, to tables, graphs, and documents across verticals | No unified query layer for structured and unstructured data
- Teams dependent on manual search across siloed repositories | High time cost to retrieve accurate answers, slowing customer service response and internal decision-making
- Inconsistent knowledge access across verticals with no data governance framework | Inability to enable diverse teams to efficiently query specialized organizational knowledge

EXIQO™ ENGINEERED FIX

OptimaAI Platform: Hybrid PDF parsing pipeline combining Azure Form Recognizer and LLM-Sherpa, extracting structured and unstructured data from PDFs, tables, and charts into a unified QnA layer powered by GPT-4o and Pinecone

Context Engineering: Knowledge Graph retrieval via Neo4j with sentence-transformer embeddings, enabling fast, semantically-aware document search and accurate domain-specific query resolution

AI SDLC Playbook: Agentic pipeline (Microsoft AutoGen) handling missing information two-ways + ranked response selection scoring and presenting the highest-confidence answer with contextually relevant alternatives

AI-EV Program: Centralized, consistent knowledge access with built-in data governance, enabling diverse teams across verticals to query domain-specific information with no specialist dependency

30%

increase in user productivity by reducing time spent searching complex data

15%

improvement in client satisfaction with faster, more accurate query responses

100%

governed knowledge access, centralized retrieval replacing siloed, specialist-dependent search