

Generative AI for Police and Armed Forces

Innovative Information Provision with Large Language Models (LLMs)

Police and armed forces are faced with numerous challenges in the field of information procurement. Data sources and data diversity are increasing and at the same time there is a growing demand for employees to be able to obtain, receive and process information relevant to their work processes quickly and flexibly. IntraFind, an experienced search and analysis specialist, offers an intelligent solution with its iFinder software that enables organizations to increase their efficiency: Use your wealth of knowledge - be it in the form of found documents, AI-generated answers, or summaries.



Whether it's a classic full text search, term search or a natural language search: iFinder understands content, finds relevant information, enables summaries, and provides answers to your questions from your organization's own knowledge.

Large Language Models (LLMs) and Multimodal Models take the Retrieval of Information to a New Level

The use of Large Language Models (LLMs) in iFinder enables:



Semantic vector search / neural search

Provides information that corresponds to the searched meaning, even if other terms are used in the search.



Generative AI

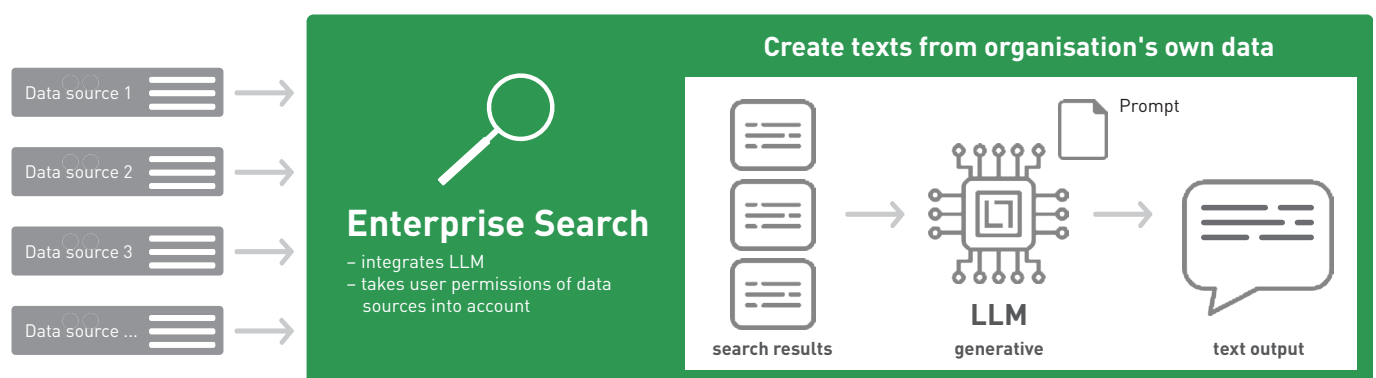
Question Answering / Chatbots

Generates answers and summaries from the organization's own knowledge/documents.



Improved data enrichment (Tagging)

Enables the classification of documents by topic including automated further processing of documents.



+ Figure 1 - From the rights- and permission-checked search results of your organization's own data iFinder answers your questions, creates summaries, and quickly aggregates information.

iFinder Use Cases with LLMs - some Examples

Summaries from extensive reports, presentations, or electronic files, rights-checked and with references

„File Note / Memorandum assistant“ for public administration

Chatbots and question-answering to obtain answers from your own content

Question-answer systems for internal administration or for investigation and analysis tasks

Semantic Search + Questions to a document or electronic files

Example of use: In addition to the still necessary and irreplaceable hit list, an answer to the question is generated for a natural language search - with a traceable source reference from which the answer originates.

The screenshot shows the iFinder web interface. On the left, there's a sidebar with filters for Type (PDF, Text, etc.) and Location (OneDrive, SharePoint, etc.). The main area displays a search result for 'What happens if I am sick?'. Below the title, there's a list of sources including 'Company guidelines.pdf' and 'Sick leave - what to do.pdf'. The 'Answer' section provides a detailed response: 'When reporting sick, employees should inform the employer immediately and in the form specified by the employer of their incapacity for work. In general, a certificate of incapacity for work is required if the illness lasts longer than three days. The exact procedure for reporting sick may vary depending on the company, but usually involves notification by telephone, email or other means specified by the employer. It is important to note that anything that does not interfere with recovery is permitted during sick leave. After the first six weeks of sick leave, the employer continues to pay the salary, after which it is possible to receive sick pay.' Below the answer, there's a 'Related' section with a link to 'Company guidelines for sick leave.pdf'. On the right, the 'iAssistant History' panel shows a list of previous questions and answers, including 'What to do when sick?', 'Submit vacation request', 'What to do if the child is sick?', and 'How many paid or unpaid leave days are available for me?'. Two callouts point to specific parts of the interface: one points to the source references under the answer, stating 'Comprehensible source reference to the answer', and another points to the answer text itself, stating 'Answer to entered search query or summary from own documents'.

+ Figure 2 - Hit list with integrated iAssistant to generate answers

LLMs integrated in iFinder - Advantages in Terms of Data Security, Access Rights and Up-to-dateness

A crucial aspect of using generative AI in your company is that it is not enough to simply generate answers from a database. The LLM must be „fed“ with data that is checked and filtered based on the respective permissions.

- + LLM accesses the **organization's own data**
- + Therefore no risk of hallucinating as with ChatGPT
- + Create summaries from your **own documents**, even in languages other than the original document
- + All generated content with **traceable source reference**
- + **Rights-checked results**, as LLM is embedded in the **rights-checked** search
- + Can be used on-premises on the organization's own servers.
- + LLMs are also available as a service / cloud services, if required

IntraFind - Your Reliable Partner for Digital Sovereignty

IntraFind is an established German software vendor for intelligent, AI-based search; text analysis; and intelligent document processing with 20 years of product and project experience. Over 1,000 satisfied end customers and around 3 million daily users across a variety of organizations are proof that our solution is well engineered. These organizations include government agencies as well as companies from all industries – from SMEs to global corporations. Renowned analyst firms include IntraFind on the list of the world's leading search and analytics software companies. IntraFind has security-cleared experts and is therefore experienced in handling confidential and sensitive data. IntraFind has been working successfully for 15 years as a reliable partner on projects for police authorities and federal armed forces.

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