

ADM ARTIFICIAL INTELLIGENCE DATA MANAGEMENT

We specialize in empowering organizations through innovative consulting solutions tailored to their digital transformation needs. With a steadfast commitment to excellence and reliability, we offer cutting-edge services designed to enhance efficiency and, ultimately, drive growth.

As pioneers in the realm of digitalization, we understand the critical importance of robust and trustworthy question-answering systems in today's dynamic business landscape. That's why we've developed a domain-specific chatbot solution that prioritizes reliability, security and accuracy.

WE KNOW HOW TO SUCCEED

OUR APPROACH

Our solution addresses the challenges commonly encountered with Large Language Models (LLMs), such as hallucinations and monolingual limitations, while also mitigating concerns about data security associated with hosted LLMs like OpenAI. By integrating a local LLM with a knowledge graph (KG), we ensure that our chatbot delivers precise and well-sourced answers, tailored specifically to your organization's domain.

At brox, we go beyond mere implementation. We meticulously evaluate various local LLMs, craft workflows that seamlessly integrate KG retrieval, and continuously refine our models to provide the most reliable legal answers possible. Our unwavering focus on refining responses based on expert feedback ensures that our solution evolves with your organization's needs, always delivering optimal results.

Join organizations already benefiting from our expertise and experience the brox difference. Let us guide you through the complexities of digitalization and unlock your organization's full potential.

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WHY CHOOSE US?

Unleash your company's data:

A BUSINESS-CENTRIC APPROACH

BROX: POWERING INDUSTRY TRANSFORMATION

Discover our range of service packages, meticulously crafted to meet your individual needs at any stage of your digitalization journey. Whether you're in the initial stages of product assessment (Stage I, II, or III) or considering our Proof of Concept (POC) digitalization packages, we offer a solution suited to your unique circumstances. Each package is tailored to assist you in achieving your objectives with precision and efficiency. With our unwavering dedication to your success, you can navigate the digital landscape with confidence. Optional services are also available, with costs determined by the specific requirements of your industry and preference.

- **Chatbot POC with Local LLMs:** Develop a chatbot prototype running locally on your documents, prioritizing data security and avoiding data transfer to APIs.
- **LLMs Benchmarking and Selection:** Evaluate and select the best-performing Local Language Models (LLMs) for your specific domain through benchmarking.

- **Enhancing Agent with KG:** Utilize a Knowledge Graph reader to analyse document structure and references, enhancing the chatbot's responses with trustworthy information.
- **Domain Expert KG Development:** Develop a Knowledge Graph populated with domain-specific expertise to bridge gaps in documented company knowledge, particularly regarding project-related zoning issues.
- **Fine-tuning LLMs for Local Domain:** Fine-tune the selected LLMs to better suit your company's domain, enhancing the chatbot's performance within your infrastructure.
- **Architecting Decision-Making in KG:** Model company roles and decision-making processes within the Knowledge Graph to enable multi-agent and interdisciplinary decision-making.
- **Incorporating Feedback Ratings:** Introduce a rating system to gather feedback from users interacting with the deployed chatbot, facilitating continuous improvement of the agent's responses.
- **Production Scalability and KG Integration:** Ensure production scalability and integration with Knowledge Graph native solutions, such as eccenca, for seamless deployment and hassle-free operation.



STAGE I

0 €

- ✓ Chatbot POC with Local LLMs

STAGE II

19 999 €

STAGE I plus:

- ✓ LLMs Benchmarking and Selection
- ✓ Enhancing Agent with KG

STAGE III

49 999 €

STAGE II plus:

- ✓ Domain Expert KG Development
- ✓ Fine-tuning LLMs for Local Domain

MORE

CUSTOM OFFER

- ✓ Architecting Decision-Making in KG
- ✓ Incorporating Feedback Ratings
- ✓ Production Scalability and KG Integration