

Hopex Intelligence

User Guide



Bizzdesign

Hopex Aquila

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CONTENTS



CONTENTS	3
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About HOPEX Intelligence	3
Hopex Intelligence Functionalities	4
Application Detection in a List of Technologies (AI-Driven APM)	4
Application to Capability Matching (AI-Driven APM)	4
Intelligent Process Modeling (AI-Driven Process Modeling)	4
Security and confidentiality	5
<i>Technology and security</i>	5
<i>Data confidentiality</i>	5

- ✓ Hopex Intelligence Functionalities
- ✓ Security and confidentiality

HOPEX INTELLIGENCE FUNCTIONALITIES

Integrated into the **Hopex** platform, the **Hopex Intelligence** suite offers automation and analysis functionalities enriched by artificial intelligence to facilitate the management of your enterprise architecture projects.

Hopex Intelligence offers a range of pre-configured, customizable instructions for enterprise architecture inventory. These instructions are based on:

- Natural language processing (NLP) for data categorization
- Machine learning algorithms for classification
- Intelligent recommendation engines for proactive decision-making
- Generative AI for content creation

Application Detection in a List of Technologies (AI-Driven APM)

Once you have imported and standardized your software assets with IT-PEDIA, an enterprise architecture project requires you to distinguish between business applications and technologies.

Thanks to an AI analysis engine, **Hopex Intelligence** automatically detects these business applications, helping enterprise architects to build an inventory of application and technology assets and their interdependencies.

The application detection tool analyzes all standardized **Hopex** technologies and offers a recommendation for each one: it indicates whether the technology can be considered an application or just a technology, with a confidence level and a justification. Once applications have been identified, you can rename them and associate them with a portfolio and an application owner. Finally, the wizard updates the repository by creating the selected applications.

For more information, see [Distinguishing Applications from Technologies](#).

Application to Capability Matching (AI-Driven APM)

Once the detected applications have been created, **Hopex Intelligence** recommends the most appropriate business capabilities for each of them, facilitating the construction of a Business Capabilities/Applications map for your organization.

See [Matching Applications to Business Capabilities](#).

Intelligent Process Modeling (AI-Driven Process Modeling)

Hopex Intelligence automatically generates your BPMN models from a textual description, reducing the time and effort required for process modeling.

See [Creating a Process Diagram using the AI Assistant](#).

SECURITY AND CONFIDENTIALITY

Hopex Intelligence improves team productivity while guaranteeing the security of sensitive enterprise architecture data.

Technology and security

Hopex Intelligence leverages a generative broad language model (LLM), advanced machine learning capabilities for classification, natural language processing (NLP) capabilities, as well as an augmented LLM with RAG architecture and AI voice capabilities, all hosted in Azure AI Services.

By integrating with Azure OpenAI, **Hopex Intelligence** takes advantage of advanced AI capabilities and benefits from Microsoft Azure's security features. This integration guarantees a secure and reliable AI experience for all users.

Data confidentiality

Your privacy and security are our top priorities. **Hopex Intelligence** does not use user input or output data to train machine learning models.

We do not allow or authorize any third party to use your data to train their machine learning models. Your interactions with **Hopex Intelligence** remain private.