

# Enterprise Search

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Accessing to corporate data using natural language to perform semantic searches thanks to Machine Learning and the power of Generative AI

## Main benefits

Improves accessibility to corporate data, accelerates knowledge disclosure

Enterprise Search is the evolution of corporate data search applied to all data sources that determine information assets, such as e-mail, documents, excel, PowerPoint, entire websites, tickets, dropboxes, and google drive, as well as external systems, such as CRM, ERP, and databases.

Semantic search makes it possible to find the desired information quickly and with high quality through natural language. In addition, generative AI enables new services such as virtual assistants, improving productivity and democratizing access to corporate information

## Scope

Medium-sized and large companies generate increasing amounts of data from both structured and unstructured sources, diversified by origin, type and provenance.

Approximately 80 per cent of the data produced is unstructured and therefore poorly exploited by traditional processing techniques.

Companies that equip themselves with the Search platform capitalize on their entire information assets, whether from modern applications or residing on older systems and archives.

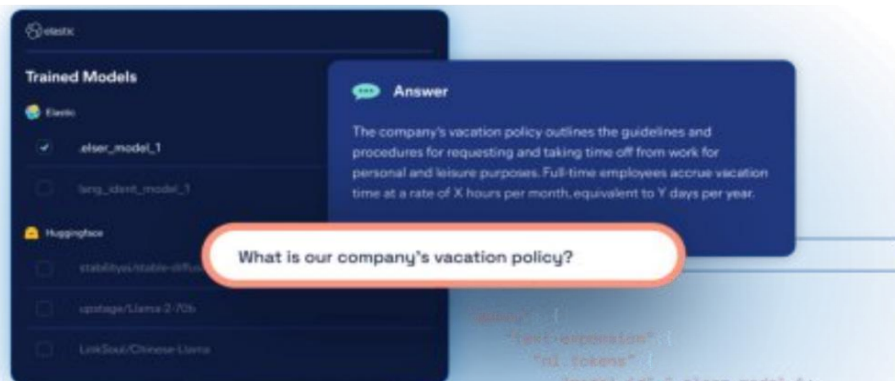
## The advantages offered

The democratization of data enables corporate management to evolve its strategy by basing decisions on objective data. Similarly, other corporate roles benefit from data to make their activities more precise and informed. This dynamic allows the company to evolve from an approach based only on intuition and experience to one that is also data-driven, enabling a synthesis of approaches that improves quality and productivity.

## Challenges facing companies

Accessing information assets is usually complex and costly, as they are generated by heterogeneous and sometimes obsolete systems. The result is that the company has tangible but unexpressed capital, i.e. not transformed into value.

Overcoming the challenge means integrating and indexing data efficiently, democratizing access to it through natural language, so as to achieve benefits with a widespread impact on the workforce.



## S2E: approach and proposed methodology

We have selected the Elastic platform, of which we are Elite partners, to facilitate knowledge generation within the company, through timely and widespread access to the company's information asset.

We understand the organization's need to extract value from heterogeneous data sources and we realize that quality integration is required to collect valuable and usable data.

Elastic is a leader in heterogeneous data indexing and vector search through embeddings, which enables natural language searches by aggregating the results in a structured and usable way. The platform integrates natively with all the most popular software vendors in the enterprise landscape, through out-of-the-box connectors for both data sources and artificial intelligence engines, so that in addition to using native ones, it is possible to integrate the most popular engines on the market such as: ChatGPT, Bert, LaMDA, LLaMA, etc. Our know-how and knowledge of Elastic make our projects advantageous in terms of value for money compared to other software vendors on the market.

### Future development benefits

The main advantages of Enterprise Search are:

1. Rapid and accurate access to the company's information assets, for a complete and exhaustive information generation process.
2. Improved decision-making through comprehensive information that expresses the company's information potential by adopting a data-driven approach.
3. Rapid implementation time through ready-to-use software with out-of-the-box connectors that speed up deployment.
4. Reduced costs compared to leading market alternatives.
5. The Elastic platform is the market leader in vector databases, and in the production of embeddings for semantic search

### Offer model

Enterprise Search is delivered on a project basis. Based on the company's specific requirement, our team identifies the correct licensing and installs the platform, including initial training.

The project is implemented by experts from the world of Big Data and Advanced Analytics who can be engaged on specific topics upon request.

## Meet the team: our expertise

Our offer in Enterprise Search with Elastic is delivered by our team of highly qualified professionals, who are distinguished by their knowledge and experience in the field of enterprise search solutions. This expertise is backed by a series of certifications and qualifications widely recognised in the market, testifying to their ability to implement, manage and optimise Elastic solutions on an Enterprise scale.

