

**In the universe of knowledge
with linguistic intelligence and semantic logic**

Company Profile

Expert System S.p.A. leads the Italian market of **semantic intelligence**, developing advanced solutions for companies and government entities.

The only Italian business to have supplied Microsoft™ with advanced technologies integrated in all its main products, Expert System has made of “**intelligent**” **knowledge management of unstructured information** its own core business.



The technology: **COGITO®**

COGITO® is the Expert System's linguistic platform that performs complex textual analysis for the processing of concepts and the semantic comprehension of language.

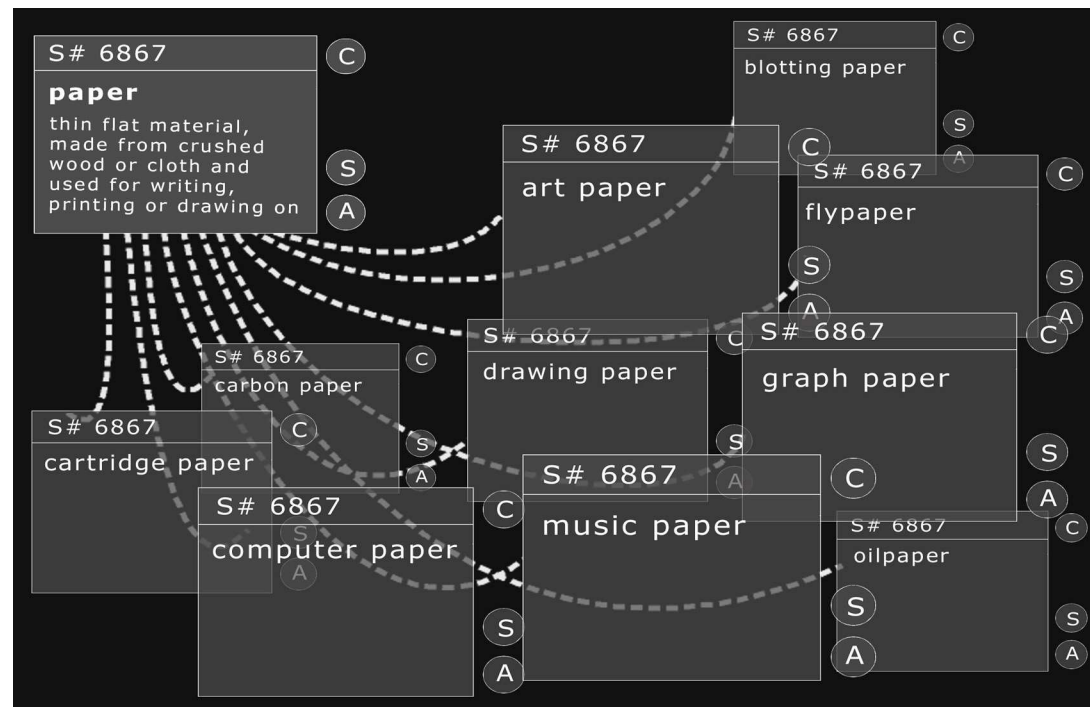
It is a unique, scalable and customizable technology, that can be employed in the elaboration of **unstructured information** belonging to any sector.

COGITO® surpasses any other approach to the automatic processing of language. In fact it is able to recognize all the morphological, syntactical, lexical aspects of a text and therefore to manage knowledge, no matter its form, filing system or authors.



The **COGITO**[®] technology: the **Sensigrafo**[®]

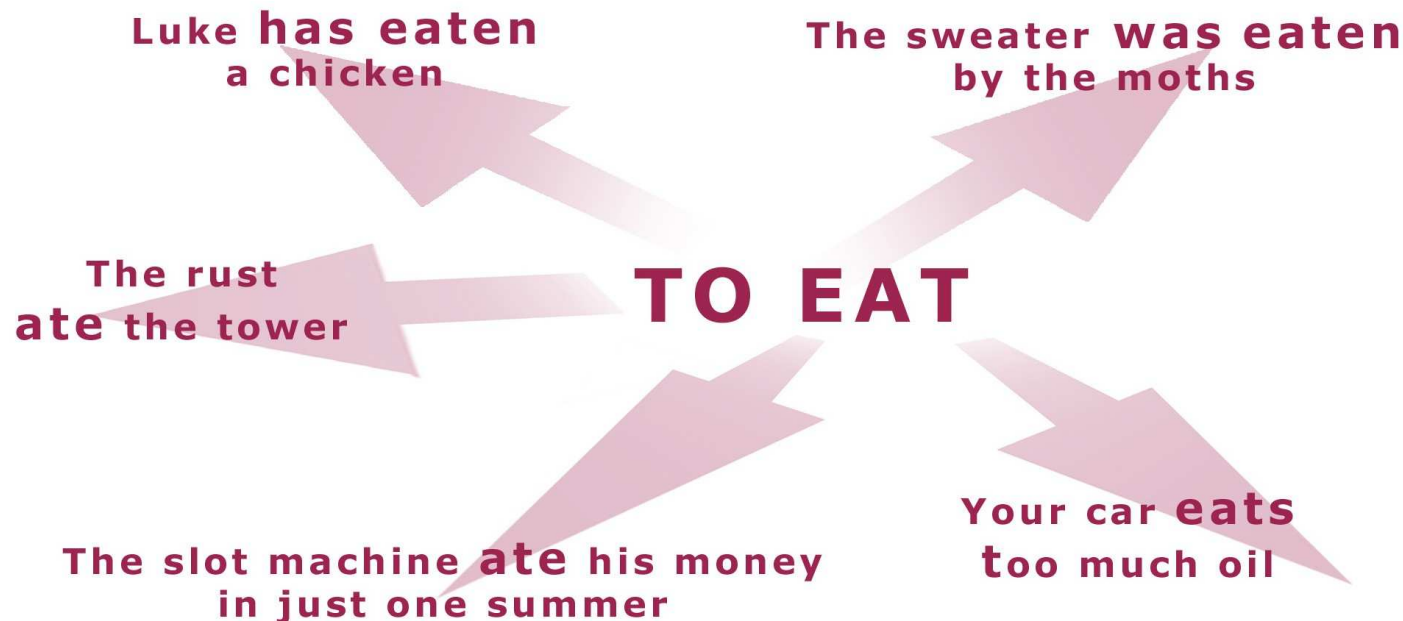
The **Sensigrafo**[®] is included among the components of **COGITO**[®]. Entirely developed by Expert System, the **Sensigrafo**[®] is a semantic network structured on a conceptual basis. Within this structure, words, geographical names, personal names, etc. are connected in semantic nodes, so that each term can be linked to the characteristics and the meanings of the other terms.



The COGITO[®] technology: the Disambiguator

The disambiguator included in COGITO[®] is able to “reason” in order to distinguish the various meanings of all the elements of the text, analyzing the context where these are found.

For example, understanding univocally the following sentences:



The solutions by Expert System

The consolidated “transversal presence” of Expert System on different markets, and the development of unique solutions, so versatile to be easily adapted to different application areas, demonstrate the outstanding quality of the company’s products.

Expert System is the most reliable and qualified partner in the implementation and optimization of tools for an evolved knowledge management and, in particular, for the management of unstructured information.

Relying to the modularity and scalability of the **COGITO**[®] products integrated in all solutions, the company guarantees customized, accurate, quick project planning and management.



Creating value: Semantic Intelligence solutions by Expert System

- Banks / Insurance Companies
- Contact Center / eCRM
- Publishing / Portals
- Human Resources
- Industry
- Pharmaceutical Industry
- Intelligence
- Mobile / TLC
- Public Administration / eGovernment



Expectations

- A standard gives credibility to our industry
- We deal with “deep linguistic technology”, so we can’t develop many languages, a standard can help us to “sell/buy” products to/from other countries’ competitors



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