

## The solution for text-driven processes

semantha<sup>®</sup> provides a flexible API that can be used out-of-the-box for semantic processing of text documents and data extractions. Depending on the application, these services can be combined as desired. In many cases, one of our applications is already sufficient – for example, for a hotspot analysis or a direct comparison of documents. Furthermore, all analyses are available via a standardized

REST interface. With it, semantha<sup>®</sup> can be optimally used for your application and integrated into your process and IT landscape.

Show semantha<sup>®</sup> just a few examples of historical documents, checklists (hotspots) or expert knowledge to analyse content - independent of the wording:



semantha<sup>®</sup> does not need any training and we provide our customers with Day-0 results that work. Having AI as a turnkey app is desired by all customers and markets and exactly what other machine learning and AI approaches fail to deliver (with long training, supervision, etc.)

knowledge. It has a simple UI where domain experts can utilize AI as a tool that helps them. Also semantha explains why she makes certain decisions which a) help regular users to improve her knowledge since you get human-understandable feedback and b) takes the black-box out of AI and is explainable. Many, but not all document related processes need justification and explanations which semantha<sup>®</sup> provides in comparison to regular AI approaches.

semantha<sup>®</sup> works with simple examples rather than AI-related training, therefore not needing any AI or coding

## What customers love about us!



### Fast

Ready 2 use.  
No training needed.  
Results from day one.



### Easy

No code.  
Usable by everyone.



### Flexible

Composable. Multimodal.  
No limitation in industries & languages.

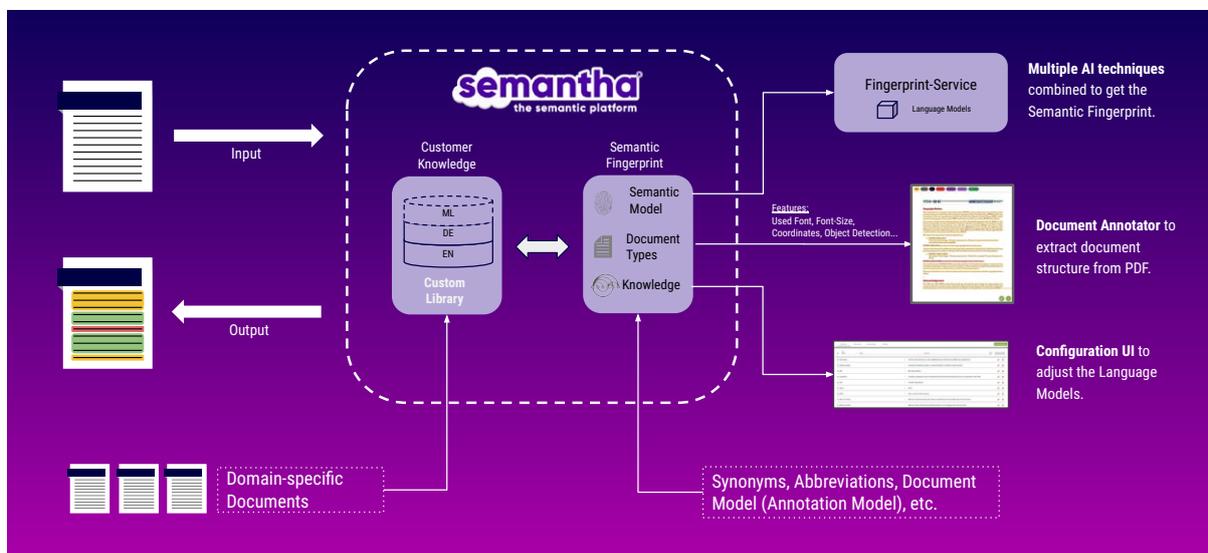
Loved by



## The platform

semantha® receives any kind of text or document. The document is then sliced into sentences, paragraphs, and pages and we create a - what we call it - semantic fingerprint. This is a computer-readable representation of the meaning of the used natural language, independent of the wording, the used (country) language, and

the actual structure of the document. It boils down the input to its meaning-core. This is done via an ensemble approach using a multitude of technologies. Once the fingerprints are created, semantha® can work based on these representations of natural language.



## Just a few industry examples

### Insurance Companies

Product managers and underwriters in insurance companies have to regularly check large amounts of text with a high manual effort. A conventional search can only provide limited support here, as each person describes a subject matter in different words. This is especially true for coverage of major risks, invitations to tender and special agreements, wordings or master agreements individually requested by brokers. These must then be compared with internally defined underwriting guidelines and clauses that have already been accepted or rejected.

### Mobility Industry

In the mobility industry, specifications and requirements of OEM customers have to be checked regularly under high manual effort and time pressure. In this process, there are often requirements that differ only slightly in content from those of projects that have already been completed - yet they still have to be read and evaluated again and again.

### Legal Processes

Within your company, you reply to numerous pleas, such as lawsuits or statements of defence, and repeatedly come across similar submissions. In most cases, you can use excerpts from past responses as a basis for the new plea. However, the classification of the individual submissions of the newly received pleas is the biggest challenge.

*No limitation in industries and languages.*

## Get started straight away

semantha® can be used directly with already existing user interfaces or you can also extend existing systems in your IT landscape with semantic functions. For this purpose, semantha® offers a comprehensive REST-API.

### semantha® ANALYZER

the semantic platform

The semantha® Analyzer checks documents for relevant topics ("hotspots") defined by the user. Thus semantha® reduces the effort of recurring checks with regard to certain criteria – independent of their respective formulation. Contract management, for example, benefits from this approach: The semantic analysis of new contracts by semantha® provides an immediate overview of the relevant contents (e.g. exclusion clauses). In addition, the user can define data points (e.g. a sum insured), on the basis of which semantha® automatically extracts values and makes them available for further processing in various formats.

### semantha® COMPARE

the semantic platform

semantha® Compare allows the semantic comparison of text documents. In contrast to classic text comparison tools, the comparison is not carried out via character strings but via the thematic relevance. By this approach semantha® achieves a higher robustness as well as better insights regarding cross-references within the comparison documents.

The comparison modes include the direct comparison of two documents (1:1), the evaluation of one document against any number of documents (1:n) and the comparison of document collections (n:m). The browser-based user interface of semantha® Compare guides through the evaluation.

### semantha® REQUIREMENTS

the semantic platform

semantha® Requirements comprises the semantic evaluation and automated classification of new requirements. Previously, already evaluated requirement specifications form the basis for the allocation of unknown requirements to predefined criteria. The selection of the relevant data set can be dynamically configured via semantha® and selected accordingly during the analysis. This makes it easier for area-specific subject matter experts to do their groundwork, for example by assigning object types, categories or internal references at request level. semantha® also supports project engineers in identifying risk topics in documents.

SAVING POTENTIAL  
ON AVERAGE

45%\*

TIME SAVING



### Minimize Risk

The high time pressure in manual processing increases the susceptibility to errors. If a risk is overlooked, this can lead to considerable damage costs.



### Increase efficiency

Conditions no longer have to be checked or compared individually and manually – this saves time. This way, major customers and brokers are quickly presented with a suitable solution and you remain competitive.



### Setting quality standards

A common, uniform knowledge base ensures equal treatment of inquiries in the long term. Thus, the high requirements of authorities such as the BaFin can be fulfilled.

\* based on customer experience