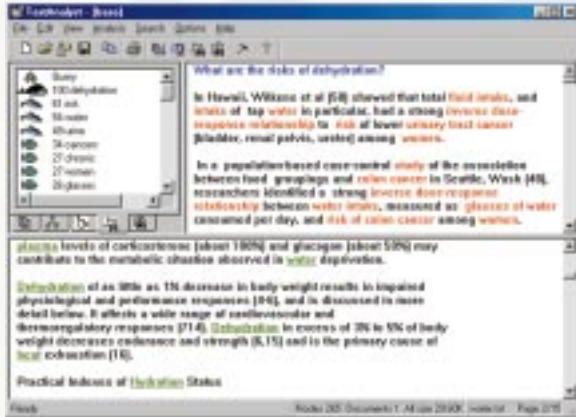# CAPABILITIES

TextAnalyst will help you quickly summarize, efficiently navigate, and cluster documents in your textbase. TextAnalyst can provide you with the ability to perform semantic search for information or focus your text exploration around a certain subject.

A balanced combination of unique linguistic and neural network technologies implemented in TextAnalyst ensures high speed and accuracy of the analysis of unstructured texts.

Functionality at a glance

- Distilling the meaning of texts
- Accurate summarization of texts
- Subject-focused text exploration
- Efficient navigation through a textbase
- Explication of the text theme structure
- Clustering of texts
- Semantic information retrieval

Platforms: MS Windows 95/98/NT

CUSTOMER QUOTES

To order TextAnalyst, TextAnalyst COM, or to obtain a FREE evaluation copy visit

www.megaputer.com

or contact Megaputer directly at
Megaputer Intelligence Inc.
E-mail: info@megaputer.com
Tel: (812) 330-0110
Fax: (812) 330-0150
120 West 7th Str., Stuite 310
Bloomington, IN 47404 USA

Megaputer

Are you drowning in the ocean of

TEXT

?
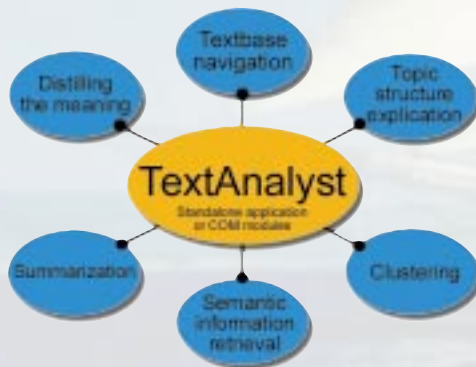
Introducing

TextAnalyst™

TEXTANALYST   FUNCTIONALITY   & USERS

Making correct decisions often requires analyzing large volumes of textual information. Researchers, analysts, magazine editors, venture capitalists, lawyers, help desk specialists, and even students are faced by various text analysis tasks.

Piles of information accumulate in numerous text repositories held at news agencies, libraries, corporations, individual PCs, and the Web. The amount of stored information proliferates at a disastrous rate, and the human eyes and brain are increasingly unable to meet the challenges of this growth.

One needs to:

- Distill the meaning of texts in a concise form
- View accurate summaries before reading full documents
- Efficiently navigate through large textbases
- Perform natural language information retrieval

These and many other tasks can be successfully tackled by TextAnalyst, a unique software tool for semantic analysis, navigation, and search of unstructured texts.

Distilling the meaning of texts
Formation and export of an accurate Semantic Network[†] of the text or textbase. This network concisely represents the meaning of a text and serves as a basis for all further analysis.

Accurate summarization of texts
The quality of the summary is provided by a synergetic application of linguistic and neural network text processing methods.

Subject-focused text exploration
User-specified dictionaries of excluded and included words allow the investigation to focus on a chosen subject.

Efficient textbase navigation
The Semantic Network concepts are hyperlinked to sentences in the documents that contain the considered concepts. Individual sentences are in turn hyperlinked to those places in original texts where they have been encountered.

Explication of the text theme structure
A tree-like topic structure representing the semantics of the investigated texts is automatically developed. The more important subjects are placed closer to the root of the tree.

Clustering of texts
Breaking the links representing weak relations in the original Semantic Network enables clustering of themes and documents in the textbase.

Semantic information retrieval
Natural language queries are analyzed for semantically important words and all relevant sentences from the textbase are retrieved. A subtree of concepts related to the query is formed, facilitating a simple search refinement.

Users

- Journal Editors
- Press Analysts
- Researchers
- Scientists
- Political Analysts
- Investment Bankers
- Lawyers
- Venture Capitalists

[†] A Semantic Network is a set of the most important concepts from the text and the relations between these concepts weighted by their relative importance.