

## Success Story **Lingsoft made their search expander SharePoint-compatible with Neoxen technology**

# Lingsoft helps SharePoint to understand Finnish and Scandinavian languages

### Lingsoft Oy

Lingsoft, Inc. is an international full service language company. The company has a large variety of services or products related to spoken and written language. Lingsoft products are based on the company's world renown sentence and word analysis technologies that have become a de-facto standard.

Lingsoft provides a complete set of language management solutions related to written and spoken languages - translation and localisation services, customized language checkers, text mining tools, speech controlled services etc.

Lingsoft's products include reader's and writer's tools, search and indexing tools, speech tools and instant dictionaries. In addition Lingsoft offers text mining solutions, as well as components for morphological and syntactical analysis and generation.

Lingsoft produces the proofing tools for all Nordic languages and German included in the Microsoft Office. Lingsoft language technology is now used in most of the desktop computers in those countries, illustrating our continuing dedication to providing the highest quality language software solutions.



### A fundamental business requirement

Lingsoft, an international language technology company, wanted to expand their search technology to support Microsoft SharePoint systems as well. An ever increasing number of companies use Microsoft SharePoint technology in their information systems.

The Lingsoft search expander automatically indexes the natural forms of words inflected in documents. That is why the search expander may even quadruple the search results. This is a particularly important feature for companies and organizations that have a lot of documentation in morphologically rich languages such as Finnish or the Scandinavian languages.

### Components

Lingsoft chose Neoxen Systems as their OEM technology partner. Neoxen QX Framework and Neoxen Visual Modus QX offer a flexible technology for integrating information systems.

At the core of the Lingsoft Search Expander solution is Lingsoft's world famous word and sentence analyzing technology based on two-tiered modeling.

*“Neoxen OEM technology significantly hastened the implementation of our search expander in the Microsoft SharePoint environment.”*

Juhani Reiman, Lingsoft

#### How it was done

“Our greatest challenge was grasping SharePoint technology in a limited amount of time,” says Lingsoft CEO Juhani Reiman. “It was important for us to find the right technology partner to help us to quickly transfer our technology to different platforms. With Neoxen we gained more time for developing our own technology.”

Neoxen QX technology supports Microsoft Office system products, such as SharePoint Server, directly. Thanks to Neoxen technology, Lingsoft customers can now use Lingsoft’s unique search technology in their SharePoint systems.

#### SharePoint now understands Scandinavian languages

Lingsoft’s search expander finds up to four times more information in SharePoint systems than SharePoint’s own search engine, which doesn’t recognize the inflected forms of the search words. In addition to Finnish, the search expander is available for example in Swedish, Norwegian, Danish, German, English and Russian.

The search expander is installed as a web-part component in SharePoint systems, and doesn’t require installing or configuring on workstations. Therefore it is fast and easy to start using it.

#### Compatible with Microsoft Search Server 2008

The upcoming Search Server 2008 gathers a company’s information systems under a single comprehensive search. With Neoxen QX technology Lingsoft’s search expander is immediately compatible with Microsoft Search Server 2008.

#### New possibilities

“Neoxen technology opens up new possibilities for us to develop our products,” reveals CEO Juhani Reiman. “Our upcoming Language Management Central solution will be brought to the user’s desktop with the Vista-certified Language Studio.”

With Language Management Central companies can control their multilingual digital assets and related translation processes. Both Language Management Central and Lingsoft Language Studio take advantage of Neoxen QX technology.

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