



# SIXTH SENSE ENTERPRISE SEARCH

## Main Challenges

The term “Enterprise Search” is used to describe the application of search technology within an organization which may be geographically distributed to provide information to its employees. The main challenge faced by the end users is that the information they are looking for to make a decision or to use the previous information into a new document that is getting prepared is available at some department within the organization which he has no knowledge about. This results in productivity loss to him and to the organization as well. The information may be available in various sources such as in file servers, document management systems, databases, web portals and in various file formats. The challenge to the organization is to make those information available in a centralized location for its employees to search and use it effectively in their day-to-day work.

## Solution

NLP Lab’s Sixth Sense Enterprise Search Solution is built on a scalable and extensible platform to address the above mentioned challenges. The product has inbuilt crawlers which supports different protocols to pull the information from various sources and index them at a centralized server. The crawlers can be configured to access the sources at a scheduled time of a day when the network activity is relatively low. The pull technology solves the concern of the organization because the users are not required to push the files into a centralized location. Now the information is available in a centralized server, the end users can search for the information they need without any loss of productivity.

Sixth Sense Enterprise Search helps organizations increase their productivity, maximizing the value of the existing information resources, and faster ROI on its deployment.

## Key Features

**Scalable Architecture.** Built on an open architecture, it offers a unique and powerful combination of performance, security, scalability, enterprise reach, and openness for applying advanced text analytics.

**Relevance Ranking.** The documents are ranked and displayed in decreasing order of relevance. The search results are displayed in a single page which improves the efficiency and productivity of end users.

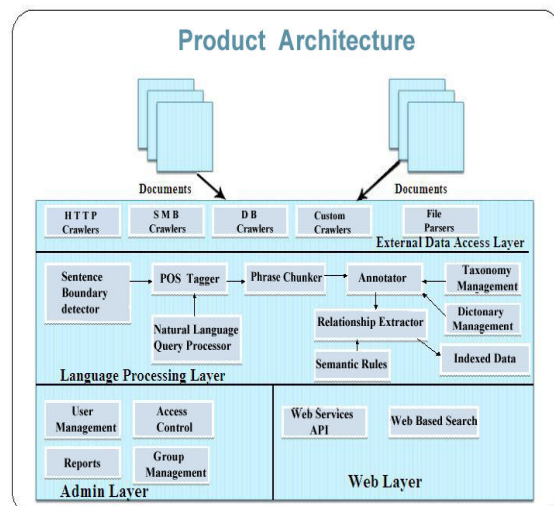
**Automatic Clustering.** The top ranked results are automatically categorized and the user can refine his/her query based on the category which will enable him/her to find the right information quickly.

**Query processing using NLP.** The unique feature of our engine is to process the user entered query using NLP such that documents returned by our engine will have very high precision.

**Easy Administration and Configuration.** The engine can be easily configured within few hours to enable it for quick usage

**Supported File Formats.** MS-Word, Excel, Power Point, RTF, PDF, HTML, Plain Text.

**Supported Platform.** Windows and Linux





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## Advantages

- Hosted within your own network and hence the Total Cost of Ownership (TCO) lies with you and the hence the flexibility to keep it operational is with you as well.
- Easy to build additional connectors to support customer specific intranet resources to be included as part of scheduled crawling/indexing.
- No additional software license required other than the search engine and the hardware required to run the engine.
- A cost effective, reliable and well organized solution which meets your needs
- Excellent customer support of 24/7 to ensure that the engine is operational always.

## Licensing

The engine is licensed to corporates, enterprises and media publishing houses on annual subscription and per server basis. We are also ready to undertake the maintenance of the server on which the engine is running at an extra cost which is very nominal. The maintenance option is useful for corporates and companies who do not have technical people to support the installation. For details on the pricing, please send a mail to [info@nlplabs.co.in](mailto:info@nlplabs.co.in) or call +91-80-4146 8027.

## Sample screen shot of the search results

The screenshot displays the NLP Labs e-search interface within a Windows Internet Explorer browser. The search query is "Information extraction". The results are categorized into clusters on the left, including "Information Retrieval (10)", "Extraction Patterns (8)", "Extraction Tasks (8)", "Names (7)", "Proceedings (6)", "Linguistic Information (6)", "Approach to Text (7)", "Domain Knowledge (7)", "Recognition-based Matching (5)", and "Entity Information (5)". The main results pane shows four items:

- Sheet1**: Sheet2 Sheet3 Information Extraction  
URL: <http://vasuxp:8080/docstore/store/c0f6b3b860c25bf75dabaf521f2ec3b1133184/Test.xls>
- Adventurous Research Summer Seminar Series - Trainable Infor**: Adventurous Research Summer Seminar Series - Trainable Information Extraction Systems 19 August 2003 Adventurous Research Summer Seminar Series - Trainable Information Extraction Systems August  
URL: <http://vasuxp:8080/docstore/store/1a99e48745aeb3e6b6b36a39c867bce321c3c52/TrainableInformationExtractionSystems.xml>
- ICDE 2003**: ICDE 2003 Querying Text Databases for Efficient Information Extraction Eugene Agichtein Luis , and for data mining. Current information extraction techniques extract relations from a text - Itoring and tracing back infectious disease outbreaks as re- flected in the news. Information extraction documents. Improving the efficiency of information extraction systems over large text databases is the focus state-of-the-art information extraction system re- quires over 9 seconds to process an average  
URL: <http://vasuxp:8080/docstore/store/c975ff05eba43eba484f58ed47481ctaaa4a26b/icde2003.pdf>
- Issues in Corpus-Trained Information Extraction**: Issues in Corpus-Trained Information Extraction Ralph Grishman and Roman Yangarber Computer Information Extraction ? Information extraction is the process of automatically identifying specified types of on good name recognition. Why do Information Extraction ? Information extraction means getting simplest terms, the basic idea behind information extraction is to look for one of a set of patterns which particular type of relation. Problems of Information Extraction There are several obstacles to the wider use  
URL: <http://vasuxp:8080/docstore/store/cteeff5a62a54cf76279000172d96732004b67cb9/ryangarber-tokyo00.doc>

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