

# SearchInform Internet Server

## Overview

**SearchInform Internet Server** is a ready tool for **full-text search** through the content of your web site or information portal.

Based on **SearchInform Internet Server, vertical search** through a given list of resources can be organized.

## Details

**SearchInform Internet Server** allows the owner of a web site or information portal to provide its users with the ability to conduct quick quality full text search in the contents of the whole resource. Search results are displayed in both HTML and XML formats, which makes them fit the web site's custom design.

**SearchInform Internet Server** can organize vertical (topical) search through a preset list of resources. The program boasts its exceptionally high reaction speed to web site updates (reindexing takes place at a time interval set by the user) and provides a better precision and relevance of results compared to most global search engines (as search is conducted only through a previously selected list of relevant to the user resources). These features enable you to quickly get just the information you need.

The web sites to be indexed can be selected not only by topic, but also by their belonging to a certain domain zone (for instance, all sites from .biz zone).

Requirements
<b>Platform</b> Microsoft Windows 2000 and up
<b>SearchInform Internet Server</b> gets installed on your Windows-hosting and is responsible for downloading pages as well as indexing and search in them. With the help of management application you can specify which resources should be indexed and how often.
<b>Minimum Recommended Server Specifications</b> 2GB RAM, 2,5Gz CPU 100 MB hard disl space for installation Available space depends on the volumes of information to be processed

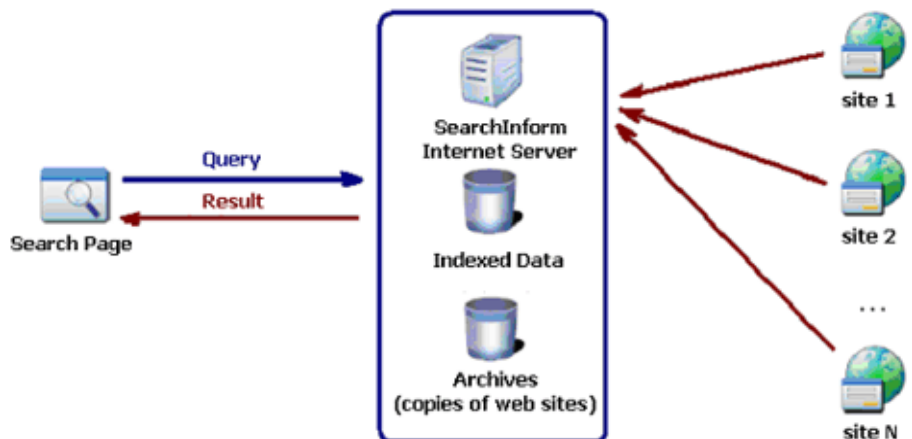
## Features

- High search and indexing speed.
- Search easily integrated into any internet resource.
- Results displayed in both HTML, and XML format.
- Simple and user-friendly management system.
- Smart Indexing technology.
- Unique similar search.

## Architecture

**Internet Server** consists of:

- **Crawler**, which roams through site domain links, downloads and saves all pages into the **database**.
- **Database**, a special information storage, where all the pages downloaded by the **crawler** are saved.
- **Search server**, which indexes the storage in the time interval set by the user, processes users' search queries and forms results.





## Service Overview

At the moment **SearchInform Technologies** provides several **Internet Services** based on **SearchInform Internet Server**:

- **Search through the web site**
- **Personal Internet**
- **Topical Search**

### SEARCH THROUGH THE WEB SITE

This service is based on SoftInform Search Technology for conducting external web site indexing. This service is a cost effective solution for organizing search in the framework of a given web site. It is more advantageous for the owner to use an external search service rather than develop and implement a search engine of his own.

SearchInform Technologies provides full-text search rather than mere attribute or 'direct' (without creating an index, blind search) search that can easily be organized on any web site.

Indexing server, index creation and customizing - all these services are wholly within the responsibility of SearchInform Technologies and consequently do not require any efforts on the customer part.

*The solution comes in two versions:*

- Separate SearchInform server + full support (fully within the responsibility of SearchInform Technologies). On providing a link to [www.searchinform.com](http://www.searchinform.com) and/or the SearchInform promotion banner, this service is provided for free.

- Deploying SearchInform Technologies software on the customer's server and providing full technical support.

### PERSONAL INTERNET

This product enables you to create your own mini-Internet and organize search on various database resources. Based on Personal Internet you can also create your own Internet search service. High reaction speed to any innovations in the database of sites (reindexing takes place at a time set by the user) and a significantly higher relevance of search results compared to other large-scale search engines (in part due to absence of trash as search is conducted only through user specified relevant resources) provide you with just the information you need.

*This solution comes in two versions:*

- Remote SearchInform server + full support (work of the server is wholly within the responsibility of SearchInform);

- Implementing SearchInform software on the client's server and providing technical support.

*Advantages of Personal Internet:*

- Receiving information quickly and the ability to react to it (frequent re-indexing lets you search in the newest information);

- Better query processing quality;

- More relevant query processing than most search engines provide, as the number of relevant resources is significantly smaller, and what is more, all the resources refer to the topic of our interest.

### TOPICAL SEARCH

Topical Search is a software complex enabling the user to conduct narrow search through a predefined list of resources. Topical search includes all the capacities of **Personal Internet** plus monitoring of all the leading search engines (**Google, Yandex, Yahoo, Msn**), adding new resources to the database by means of preset list of key words, and a similar search feature for drawing up reports on 'similar' material for a certain period of time.

With Personal Internet, indexing is conducted on daily basis (or in the time interval set by the user) and through a predefined list of resources, thus new information and data is received on time. Topical Search is helpful in tracing the information your competitors post, as well as monitoring all changes in forums, blogs and news web sites.

To add resources to the database, the administrator compiles a list of web sites for the system to index and determines key words related to the given topic. Then the system submits these key words as a query to search engines (Google, Yandex, etc.) and processes the results. The domains whose pages contain the key words are submitted to the corresponding 'topic' either automatically or manually by the user.

The capacities of these services increase from one to another: every one that follows includes all the features of the previous plus something else. Say **Topical Choice** has the same functionality as **Search through the web site** and **Personal Internet** and at the same time offers a more extensive array of possibilities to the user.