



inContext™ 3.0

Enterprise Search and Categorization Software

Key Benefits

Benefits for the Enterprise

Drive revenue by realizing the value of untapped information assets.

- Leverage digitized archives to create revenue streams: legal files, newspapers and magazine articles, historical collections
- Harness corporate expertise to provide additional value to customers and partners: technical specifications, support and integration notes, white papers, user documentation
- Boost your investment in existing applications by enhancing their functionality: process, receive, and organize unstructured content in any format.

Improve corporate alignment by providing workers with total access to distributed, unstructured corporate documents.

- Break down corporate information “silos”
- Achieve quick success for corporate intranet and knowledge sharing initiatives
- Improve sales execution by providing account managers with instant access to all relevant account and product information

Improve productivity by connecting knowledge workers to the right information, fast.

- Reduce support call wait times by providing support engineers with quick access to the right expertise
- Heighten company responsiveness by automatically notifying analysts and decision makers when relevant content becomes available: competitive intelligence, market updates, legal briefings
- Accelerate business critical applications by enhancing their search and information management capabilities: customer relationship management, supply chain management, sales data

Arikus inContext™ 3.0 is a complete search and categorization solution for the enterprise that enables you to transform volumes of data, scattered across your organization in over 290 different formats, into a valuable business asset. inContext™ provides knowledge workers with simple, intuitive, single-point access to data from across the enterprise, the corporate intranet, and the Internet. Use inContext™ to harness your corporate expertise, tighten corporate alignment by fostering a common understanding of what the company “knows”, and increase the productivity and depth of knowledge workers.

inContext™ is also the ideal information retrieval solution for existing business applications and services. inContext™ was designed for ease of integration and customization, and quickly enhances existing investments in ERP solutions, CRM solutions, and support desk systems. Powerful search and categorization from inContext™ is a compelling “secret sauce” for firms offering services such as case law research, or access to archived media properties.

Best of all, inContext™ provides remarkable value in comparison to competitors such as Verity Ultraseek™ and Fast ESP™: better relevance and freshness of results, better performance and scalability, easier to deploy and maintain, and less expensive in the short and long terms.

A complete, end-to-end solution

inContext™ provides robust functionality, powerful scalability and performance, and a cleaner, simpler architecture with advanced extensibility.

Supported search types

Feature	Description
Keyword	Single search term.
Boolean	Combinations of search terms and Boolean operators (and, or, not, near).
Plain language	Full sentences. For example: Who was the last czar of Russia?
Parametric	Evaluate document attributes such as the HTML META tag in search expressions. Supports relational operators.
Guided search	Use metadata to organize results by hierarchical subject categories. Provides an intuitive way for users to find the data they are looking for.
Related documents	Include related documents in the search results.

Relevance

Feature	Description
Linguistic analysis	Analyzes the entire document to understand the subject matter.

Benefits for Integrators

Decrease time to market

- Integrate best of breed information management capabilities into your application quickly, with no hassle
- Aggressive entry-level pricing helps you keep the total cost of development down

Improve the user experience

- Reduce or eliminate obstacles to user success with your application or service
- Increase user satisfaction by providing access to powerful enterprise search and information management tools that help them find the right information fast

Leverage and enhance your investment

- Boost the value of your application dramatically by quickly adding best-of-breed information management capabilities: process, receive, and organize unstructured content in any format from any source: the web, databases, content management systems . . .
- Integrate application-specific search with enterprise-wide information management, providing an end-to-end knowledge retrieval system that powers your and your customers' businesses

Full document indexing	Not just the first hundred words.
Best summary	Automatically determines and returns the most relevant passages with search results.
Related words	Automatically determines related words to enhance relevance.
Highlighted query and related words	Highlights query words and related words in search results.
Relevancy feedback	Appends related words to search queries to maximize relevance.
Dynamic taxonomy generation	Generates a hierarchical taxonomy for a collection based on the subject matter of the documents.
Profile notification	Notifies users when relevant documents are added to a collection.

Flexibility

Feature	Description
Multiple document types	Over 290 formats including Microsoft Word, Excel, and PowerPoint, RTF, PDF, uncompiled text files (.txt, .htm, .html, .xml, .asp, .jsp) and e-mail.
Multiple access protocols	HTTP, SQL, file systems
Multiple languages	Documents can be in English, Spanish, French, Portuguese, Italian, Dutch, German, Chinese (S&T), Japanese, and Korean.
Stemming	Determines and searches on the stem of a word ("run" from "running").
Noise word filters	Can ignore words such as "the", "or", "and".
Fuzzy evaluation	Returns non-exact matches (configurable). Useful for searching documents that were created by scanning and digitizing paper documents (OCR).
Synonyms	Define equivalent search terms.
Regular expression support	Pattern matching in search expressions.
Spell checking	Prompts search users for spelling corrections ("Did you mean...?").
Search within results	Revise queries and re-search existing result sets.

Architecture

Feature	Description
Multi-CPU	Distribute search processing across multiple CPUs on an SMP server.
Distributed indexing	Distribute collection indices across multiple search servers.
Server mirroring	Index documents on one server and inContext™ automatically distributes them to query servers.
Incremental re-indexing	Add documents to an index without re-crawling the entire index.

Technical Specifications

Key Components

- Single API for easy integration into any enterprise systems and applications
- Hooks for integration are accessible via C++, JAVA, and the JSP tag library: data is transferred via XML
- Supports over 290 file formats including Microsoft Office Documents, PDF, XML, HTML text and email
- Browser-based administration and editing tools
- Web (including SSL sites), file system, and database crawler and scheduler, and metadata repository adaptors

Supported OS's

- Solaris 2.7 or higher
- Windows NT/2000/XP
- Linux
- Any POSIX compliant OS on request

Supported Browsers

- Microsoft Internet Explorer 5 or higher
- Netscape 6.2

Supported Languages

- English
- Chinese
- Spanish
- Japanese
- French
- Korean
- Portuguese
- German
- Italian
- Dutch

Contact Arikus about other supported languages.

Supported Web Page Scripting Languages

- ASP/ASP.NET
- JSP
- PHP

Scalability

- Multi-threaded architecture allows for simultaneous indexing and querying
- Takes full advantage of symmetric multiprocessing (SMP) to increase query response times
- Distributed query processing allows for the addition of additional hardware to meet even the most demanding environments relevant content.

Maximum document age	Automatically removes old documents from the server.
Performance	Hundreds of thousands of documents indexed in hours, more than 50 queries per second.
Scalability	Millions of documents per server, no arbitrary licensing restrictions.

Extensibility

Feature	Description
Plug in custom document filters	Index data in proprietary formats by writing a custom document parser.
Plug in custom crawlers	Extract data from custom data sources by writing a custom crawler.
Plug in custom results filters	Implement custom security models or other custom features by writing filters that prevent specific documents from being included in search results.
COM/.NET/JAVA interfaces	Use standard technologies to interface to the search server – there's no new template language to learn.
Scriptable interfaces	The inContext™ server is completely script-able – automate all administrative tasks using VBScript on Windows or JavaScript on Linux/Unix.

Low Cost of Ownership

Arikus offers superior technology at a lower cost, with an approach to pricing that makes your life easier.

Pricing

The inContext™ price list is designed to provide entry-level pricing for smaller environments, as well as a simple, scalable pricing model for large enterprise deployments.

Package	Description*	License	Support/year
inContext™ 50	Single inContext™ server for search up to 50,000 documents	\$995	\$199
inContext™ 200	Single inContext™ server for search up to 200,000 documents	\$2,495	\$499
inContext™ 500	Single inContext™ server for search up to 500,000 documents	\$5,995	\$1,199
inContext™ Enterprise	Single inContext™ server for search up to 1,000,000 documents	\$10,995	\$2,199
inContext™ Enterprise Plus	Single inContext™ server for search up to 3,000,000 documents	\$19,995	\$3,999
inContext™ Site License	Single inContext™ server, development server, unlimited documents	Contact Us	

* Each server on which Arikus inContext™ is deployed requires a server license.

Everything for one price

Unlike competitors, we do not charge extra for every little feature, port, bridge, or language pack. For example, competitors provide out-of-the-box solutions that con-

inContext™ Performance

Typical retrieval speeds achieved in real deployment examples:

Indexing 350,000 MSDN (Microsoft Developers Network) documents - 25 minutes

Information Retrieval 50,000 HTML pages (100Mb of Text) - 10 milliseconds per query

Information Retrieval 650,000 OCR'd Newspaper Broadsheets (20Gb of Text) - 100 milliseconds per query

Reuters 21578: Achieved a 91% micro averaged break-even point

sist of indexing and keyword search only, and then charge for additional features such as guided navigation. Purchase inContext™ for a single price and get access to all of its enterprise and departmental search capabilities, as well as the inContext™ sdk: plain language search, parametric search, guided navigation, profile notifications, best summaries, related word highlighting...

Higher value than competitors

Our aggressive approach to pricing means that you can implement inContext™ at a considerably lower cost than competitors. For large enterprise implementations of 500,000 documents or more, our competitors quickly price your solution into the stratosphere, from the mid-six figures, up to \$1 million.

Scaling your environment without scaling cost

Competitors charge per document or per collection, ensuring that you have to continue purchasing licenses from them as your environment grows. With the Arikus inContext™ Site License package, you get one production server and one development server for a single price with no arbitrary document limit. This enables you to grow your inContext™ implementation with your environment without incurring more license costs.

Even when competitors charge per server, scalability limits force multiple servers into your environment, driving costs up. inContext™'s superior, SMP-enabled architecture and optimized searching and indexing technologies enable un-matched per server scalability, and ensure you get the most out of your investment.

No steep services requirement

inContext™ delivers fast and immediate results. It was built from the ground up with the guiding principle that you can easily deploy inContext™ across your enterprise and integrate it into your applications. We don't try to attach huge services engagements to our sales, just to get the product up and running. For supported product usage, we believe that good documentation and high-grade technical support should always be more than enough.

Arikus Overview

Founded:	1997
History:	Information technology consulting firm
Business Focus:	Unstructured Data Management
Industry Focus:	OEM, Enterprise, E-commerce, Publishing
Products:	inContext™, inContext™ sdk, answerIT™
Expertise:	PhD team with over a decade of research and development, including at Cambridge University's Center for Communication System Research.
Main Office:	Toronto, Canada



Enterprise Search and Categorization Solutions
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