

iCommNet KC Search Core Product Description



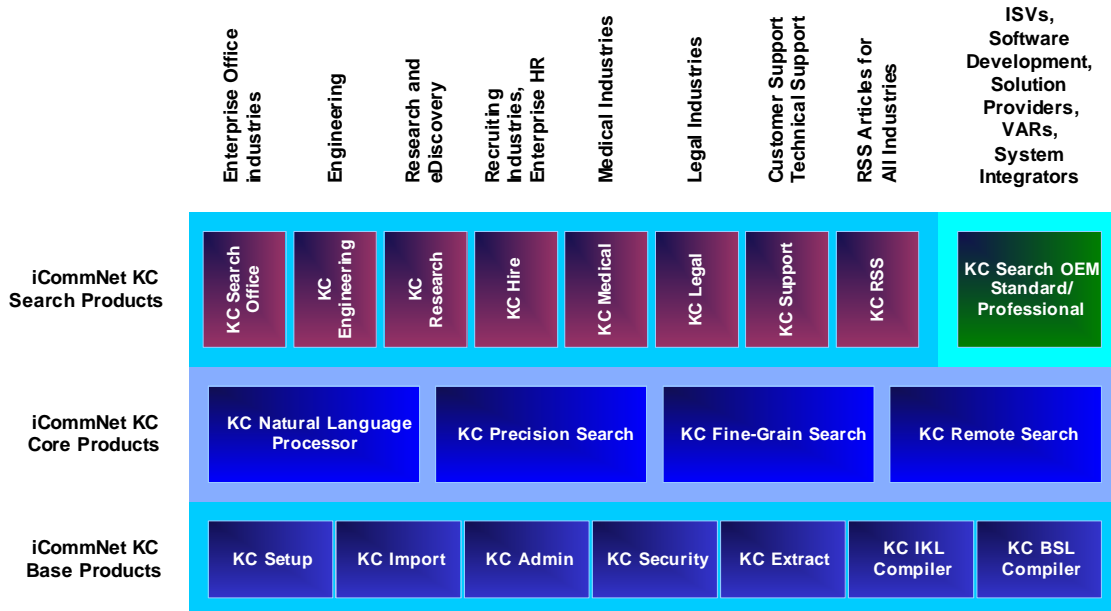
1. KC Search

iCommNet® Knowledge Communicator™ (KC) Search™ is an intelligent, linguistics-based, precision search technology that delivers the most relevant search results to enterprise customers in real time.

When you search for information using conventional search engines, it can be difficult to choose the appropriate keyword to obtain narrow and specific search results. Furthermore, conventional search engines that use keyword-based search techniques often yield a large volume of indiscriminate search results without regard for content, leaving you to sift through a multitude of unrelated documents.

KC Search saves time and increases productivity. With KC Search, you are no longer limited by a keyword or a keyword phrase when searching for information. Instead, you can describe what you are searching for in conventional English, as if you are speaking to another person. By using plain English, you can tailor search results to meet certain specifications, at the same time decreasing the amount of irrelevant search results in the process.

iCommNet offers three precision search core products: KC Precision Search, KC Fine-Grain Search, and KC Remote Search. The powerful KC Natural Language Processor™ drives KC Search products as depicted below.



Enterprise customers, consumers, and employees who use KC Search products and services take advantage of the numerous benefits that these linguistics-based, precision search technologies offer.

2. KC Precision Search

KC Precision Search™ returns the most relevant results from a multitude of documents. Keyword-based search engines often result in indiscriminate search results, causing the user to review each document for its relevancy. Sifting through hundreds or thousands of documents is labor intensive and time consuming. However, KC Precision Search allows you to use simple, plain English to describe what you are searching for in order to obtain narrow and specific results.

For example, if you are searching for a job that matches your career goals, you can simply describe your career goals in free-style English or paste your resume into the search field. KC Precision Search will then return the most relevant jobs that match your career goals or resume. Conversely, if you are an employer who needs to fill a position with the most qualified candidate, you can simply paste your job description into the search request, and KC Precision Search will return the most relevant resumes that best match your job description.

3. KC Fine-Grain Search

KC Fine-Grain Search™ is a knowledge-based search that is fully integrated with KC Precision Search. While KC Precision Search returns the most relevant results from a multitude of documents, KC Fine-Grain Search conducts a fine-grain search to return the most relevant passages within those results or within each selected document.

Conventional search engines often return a multitude of non-specific documents that requires you to scan each individual document to locate pertinent information. This process takes a long time—especially when you must sift through lengthy documents such as contracts and manuals.

KC Fine-Grain Search saves you time and energy by conducting an intra-document search to locate specific, key information. For example, you can use plain English to describe the pertinent information you are looking for, or you can simply paste text from a document into the search field. KC Fine-Grain Search then performs a fine-grain, intra-document search and highlights the most relevant sections, paragraphs, sentences, phrases, or words within that document, thus saving time.



4. KC Remote Search

KC Remote Search™ allows you to deep search a huge volume of documents for sentences incrementally matching the meaning of exemplars—linguistic elements (e.g., paragraphs, sentences, or phrases) that contain the meanings for which you are searching. You can create exemplars to perform a deep search over hundreds of thousands of business electronic documents and online materials in the background. You can then conduct a precise and fine-grain deep search and analysis on the KC Remote Search results in real time.

For instance, searching for particular sentences or paragraphs out of hundreds of thousands of documents that contain similar meanings requires in-depth content analysis and involves (a) collecting and creating exemplars, (b) sequencing and extraction using natural language processing, and (c) analyzing each document to pinpoint the most relevant sentences or paragraphs.

Legal professionals inspecting hundreds of thousands of contracts and emails to trace particular financial transactions can benefit from KC Remote Search. Physicians and medical personnel can efficiently search vast volumes of medical records for diagnoses of and treatments for particular symptoms. Many other professionals can use KC Remote Search to hone in on specific and precise searches.

KC Remote Search offers a unique combination of advanced capabilities to achieve meaning-based searches. While reviewing business documents, you can collect or create exemplars. After preparing a sufficient number of exemplars, you can then initiate the KC Remote Search in the background.

KC Remote Search periodically reports the Remote Search status. When completed, you can then initiate a precision search and fine-grain search in real time with the results KC Remote Search calculated. While reviewing the KC Remote Search results, you can also revise exemplars used to calculate the Remote Search results under review, or you can prepare new exemplars for a new Remote Search session.

KC Remote Search combines all the advanced features from KC Natural Language Processor, KC Precision Search, and KC Fine-Grain Search to locate the most precise and relevant documents and sentences that best match the meaning of your exemplars.

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