Free Form Text Retrieval

Context Retrieval
Locate and retrieve documents/images from the 1MAGE repository based on the content of the document rather than purely based on pre-scribed index keys.

1SEARCH™ adds two search capabilities to the existing 1SUITE product. First, for text-based (non-scanned) documents, handles electronically generated items like word-processor, spreadsheet and PDF files. The second, to handle raster-based (scanned and faxed) images, requires the addition of an Optical Character Recognition (OCR) engine to the installation.

Not all document types are candidates for con-textual search. During the execution of an Image Management Plan (IMP), certain document types are designated as "Free Form Text Search" images. Free Form Text searches will supplement, not replace, the traditional 1MAGE index key struc-tures. Each image file is still assigned a "Document Type" and at least one index key.

Designated image types are processed for contex-tual indexing in the background after conventional indexing has been completed. Image/document files are passed to a full text extraction process running either on a server by itself, or located on the 1MAGE server. This process treats each image file according to the specific requirements for the type of file passed. Raster (tif) images are passed through an OCR engine to convert the image to text. All files are then handed to the contextual indexing engine along with the 1MAGE database reference that identifies the document. The image file itself remains in the 1MAGE repository. Only contextual indexes are stored in the Free Form Text database.

On retrieval, either through any of the 1MAGE user interfaces or through image-enabled applica-tions integrated using the 1mage API, an addi-tional option is now available. When the docu-ment type selected for retrieval is designated as Free Text Searchable, a box on the retrieval interface is activated. When a user enters structured search commands in this box, the request is passed to the contextual search engine. The results from this search are merged with any traditional key searches entered and the merged results are displayed in the "Inquiry" grid of available documents/images. The display of images is handled using a combina-tion of 1MAGE viewers (1VIEW, 1COLD) and native applications (Microsoft Word, Adobe PDF files).

call **800.844.1468**
or visit **www.1mage.com**