Full text research & accurate retrieval

Fast retrieval and exact full text re-search is one of the most important aspects for a document management application. CM Studio .DMS-SERVER provides you with excellent re-search capabilities, that save valuable time. The core of this is based on the powerful SQL database, which allows even for large data volume quick results within your archived documents.

Within a document repository, users can define separate criteria for the classification and indexing of documents. The so-defined search fields are the basis of any document re-search requested by the user. The user can for example request within the search-index form for a certain invoice by invoice- or project number. Those search criteria must be assigned by operator to each document during the import process, so that they can be found later by other users from the document database. Beside those manual search categories and key words, a useful function within the CM Studio .DMS-SERVER is the ability to perform a full-text research within all documents. For generating such an automatic full text index, you may need the add-on product CM Studio .OCR-CONNECTOR.

- **The VIRTUAL OCR-CONNECTOR** is a web-based cloud service from **MASCH** Software Solutions, which is free of for 1 year with the purchase of a CM Studio .DMS-SERVER. In addition, the VIRTUAL OCR-CONNECTOR is included in the annual update and maintenance fees of CM Studio .DMS-SERVER.

- **The VIRTUAL OCR-CONNECTOR** consists of your personal FTP account at **MASCH**'s data center. You can upload onto this FTP space your documents either by using "Scan2FTP" with your document scanner or by storing PDF-files manually via FTP file transfer. Each individual FTP account includes a capacity of 5 GByte document space.

  Your documents will be quickly recognized by a powerful OCR server application. After creating the full-text index files for each document, CM Studio .DMS-SERVER will import automatically all your documents from the VIRTUAL OCR-CONNECTOR into your filing cabinet on your local server. The VIRTUAL OCR-CONNECTOR as a service application allows full text research within your filing cabinet, without your own local OCR application server installed.

- The CM Studio .OCR-CONNECTOR is a combined hardware / software solution, consisting of a Business PC based on Windows 7 Pro or Windows 8 and a corporate license of the world's leading OCR software ABBYY's Finereader 12.

For the automated indexing process of new documents, you have to setup the so called „Hot-Folder" monitoring process of ABBYY FineReader 12 Corporate Edition. The „Hot-Folder" monitoring process is an integrated module of ABBYY FineReaders corporate edition, which you can use to process orders and to monitor documents to be later imported by CM Studio .DMS-SERVER.

CM Studio .iSEARCH

File your analog and digital documents in one complete database. Use full-text retrieval features to find your Microsoft Word, Excel or Powerpoint documents within your filing cabinet at any time!

CM Studio .iSEARCH is based on the IFilter technology of Microsoft. With CM Studio .iSEARCH text content of digital documents such as Microsoft Word files, Excel spreadsheets, etc. are extracted to generate the full-text index of this document for filing by CM Studio .DMS-SERVER. The IFilter technology of Microsoft is based on COM object classes with a specific filter interface, that is used by Microsoft Index Search Engine to index documents stored on the hard disk and later found to be able to search through.

CM Studio .iSEARCH works similar to the above described IFilter technology. CM Studio .iSEARCH is used to generate the full-text index for digital documents stored in the filing cabinet of CM Studio .DMS-SERVER. The add-on module CM Studio .iSEARCH is a Windows-based software tool, that can convert digital documents such as Microsoft Word or Excel documents analogue to the features of the CM Studio .OCR-CONNECTOR. CM Studio .iSEARCH can be installed either on a Windows 7 or Windows 8 desktop or on a Microsoft Windows Server 2008 / 2012.

CM Studio .iSEARCH is part of the CM Studio .OCR-CONNECTOR, but it be purchased as a separate module as well. CM Studio .iSEARCH does not contain its own IFilters. These must be separately obtained or downloaded from the respective vendors.

How does CM Studio .ISEARCH work?

CM Studio .iSEARCH can monitor a directory recursively (Hot-Folder technology) and as soon as new files have been stored in the monitored directory structure, CM Studio .ISEARCH creates additional text files with the same file name as the original document but with an additional file extension: *.iftxt.

CM Studio .iSEARCH is scheduled via the Windows scheduler and can therefore run on a Microsoft Windows 2008 Server or Windows 2012 servers. CM Studio .iSEARCH supports IFilter packs either in 32- or 64-bit mode. After the conversion has been completed, the files are imported along together with the corresponding document from the CM Studio .DMS-SERVER and used for full-text indexing of the document within your filing cabinet.

CM Studio .DMS-SERVER uses the normal directory monitoring feature to import the file formats such as Microsoft Office documents. Using CM Studio .iSEARCH allows you to expand your filing cabinet into a complete digital archive of your data.

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