# MuWave® Suite of Products

## DESCRIPTION

MuWave® (pronounced "mew wave") is a suite of customizable modules designed and developed by UFC Inc.® to work with and compliment the Quillix™ Capture and ABBYY products in order to reduce or eliminate user intervention in the capture-side workflow and enhance, simplify and improve features not available with these standard products.

The MuWave Suite leverages the Quillix Server Extension (QSX®) architecture to deliver fully pluggable processing modules for both Quillix Capture and ABBYY FlexiCapture solutions. It does this while extending to other applications such as Laserfiche®, PaperVision®, Documentum®, Microsoft SharePoint® and FileNet® to name a few. The MuWave QSX modules work cooperatively as an independent rules engine, managing specific processing tasks and determining multiple outcomes for work case routing, indexing, exception handling and other capture tasks. These modules are often used at the end of the capture process where they automatically handle tasks such as the release of captured information to downstream document management systems, other workflow tasks, or data repositories.

Also available within MuWave is an intuitive scripting language which greatly extends the capability of the capture software by providing a built-in mechanism for customization without having to build a new MuWave module. The syntax for this advanced feature will be familiar to anyone with a basic knowledge of VB Script.

## PRODUCT LIST:

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| **MuWave® QSX for FileNet** | Provides integration of the Quillix capture solution with FileNet. This provides the ability to scan documents into FileNet Image Manager or Panagon Content Services through FileNet Web Services. The product includes sophisticated automatic document indexing which maps Quillix profiles directly to FileNet document classes. This product is sold as part of a migration service package. Please contact us for more information. |
| **MuWave® QSX for FileNet P8** | Provides integration of the Quillix capture solution with FileNet. This provides the ability to scan documents into FileNet Image Manager or Panagon Content Services through FileNet Web Services. The product includes sophisticated automatic document indexing which maps Quillix profiles directly to FileNet document classes. This product is sold as part of a migration service package. Please contact us for more information. |
| **MuWave® Email Gateway QSX** | Used as a Quillix Input source and captures email from inboxes and submits the email along with attachments to the Quillix system. Can use IMAP, SMTP and MAPI to support most mail server configurations. Built in MuWave Script allows complex operations to be performed on the email prior to submission to the Quillix system. |
| **MuWave® OCR QSX** | Processes scanned images and produces a searchable, text-based document to be passed through the Quillix workflow system. This module produces various document types such as hidden-text PDF, RTF, Word, or HTML. MuWave QSX for OCR utilizes the ABBYY FineReader® OCR engine which is capable of recognizing 176 different languages. |
| **MuWave® Forms Pro QSX** | Performs document processing functions such as bar / patch code detection, image cleanup with despeckle and deskew, image conversion, automatic indexing, and assembly. Also provides OCR indexing, forms recognition, OMR and ICR using the ABBYY FineReader and Flexicapture recognition engines. Documents can be automatically indexed and assembled utilizing bar/patch code detection as well as indexed using database lookup. |
| **MuWave® Forms QSX** | Performs advanced document processing functions such as bar/patch code detection, image cleanup with despeckle and deskew, image conversion, automatic indexing, and assembly. Documents can be automatically indexed and assembled utilizing bar / patch code detection as well as indexed using database lookup. This base version does not include the OCR/ICR/OMR functionality available in the Forms Pro version. |

# MuWave® Suite of Products (Cont'd)

**MuWave® Import QSX**

MuWave Import is a Quillix input module that provides high speed document import capabilities to Quillix servers. It utilizes the advanced scripting and index capability that is found in all MuWave QSX modules.

**MuWave® Rendition QSX**

Converts electronic documents from common Microsoft Office or PDF formats to standard image formats. Also standardizes image resolution and bit depth by adjusting existing batch or document images.

**MuWave® Route QSX**

Provides conditional routing capability within a Quillix workflow. This intuitive, easy to configure module greatly expands the capability of the workflow built into Quillix. Also provides advanced e-mail capabilities.

**MuWave® Batch Transfer**

MuWave Batch Transfer is a client-server extension for the Quillix system that allows the background transfer of Quillix batches from the Quillix Web client to the Quillix server. This background transfer allows the use of Quillix in areas with limited bandwidth, or when large data transfers and network traffic would not be desired during business hours.

**MuWave® Barcode Generator**

Allows for the creation of many common barcode formats through an easy to use web based interface. Options for creating barcodes from database data as well as interdependent barcodes, free text barcodes, and static value barcodes. Provides comprehensive features from within the Quillix web client for storing and printing batch cover sheets for use while scanning.

**MuWave® Web Lookup & Database Picklist Generator**

Provides greatly expanded index value retrieval and validations on the Quillix web client. Allows creation of Database picklists within the Quillix Web page Document Index.

**MuWave® Queue Utility**

MuWave Queue Utility is a web-based system that dramatically simplifies the management of the FileNet Image Services queues and their contents.

**MuWave® Web Import**

Web Import is a Quillix website enhancement that provides means for the easy and efficient import of large volumes of documents to the Quillix Batch.

**MuWave® Export**

MuWave Export is a Quillix server extension that exports documents to a directory or file share. The filenames for the exported documents may be generated based on any combination of the batch name, index values or any other information. When combined with MuWave Forms Pro it provides the ability to assembly tabular data extracted from documents even when that table data breaks across a subsequent page.

**MuWave® Pangea**

Pangea is an add-on application to the FileNet P8 content management system that allows engineers to track and better manage drawings. This application was designed to provide a user-friendly way for users to perform their job functions, and provides a web-based interface for searching, viewing, downloading and printing documents. It was designed to eliminate some of the minor shortcomings of the P8 viewer utility and also to greatly increase the speed of searching for documents.

**MuWave® FileNet® Input Module**

MuWave FileNet Input is an input source for Quillix servers that migrates documents from FileNet Image Services, Content Services libraries or P8 Content Manager object stores into Quillix batches. MuWave® FileNet Input makes it possible to migrate a partial or entire library or object store into another FileNet library or object store or into a completely different platform. MuWave® FileNet Input provides numerous document selection options such as the whole library, document class, selected documents based on an index, or even a list of document IDs obtained from a database. This product is licensed as part of a migration project and is not sold as a separate product.