## HIGHLIGHTS

- Automated Classification
- Data and Text Extraction
- Automated Validation
- Full Verification
- Administration and Monitoring
- Flexible Customization Tools
- Scriptable Rules
- Web Services API

# ABBYY® FlexiCapture®

## Increase efficiency through automation of paper-based processes.

### DESCRIPTION

ABBYY FlexiCapture® is a multi-lingual data capture and document processing application that automatically converts streams of various documents into business-ready data and provides;

- Accuracy in classification and data extraction
- High scalability and expandability
- Advanced integrity and customizability

ABBYY FlexiCapture helps organizations increase efficiency by automating paper-based business processes and is intended to meet most throughput needs — ranging from small, departmental tasks to larger enterprise projects for any kind of document in one stream, including:

- Fixed forms (questionnaires, surveys, tests, tax returns, application forms)
- Semi-structured documents (invoices, purchase orders, explanations of benefits, receipts)
- Unstructured documents (contracts, letters, articles)

Once captured, the documents are classified, recognized, verified and transferred into reliable, accurate, searchable and highly structured electronic data critical to business processes.

ABBYY FlexiCapture provides powerful set-up tools and flexible processing workflow to accomplish document processing tasks of any complexity. Importing FlexiCapture is compatible with a wide range of scanning devices supporting TWAIN.

### AUTOMATED CLASSIFICATION

Using automated document classification, FlexiCapture identifies the document type and assembles one- and multi-page documents out of the mix of pages using advanced ABBYY technologies, which allow automated classification of documents with variable layouts including:

- Multi-page documents
- Documents with variable number of pages
- Documents containing multi-page tables
- Documents with image or text attachments

### DATA AND TEXT EXTRACTION

FlexiCapture accurately extracts data and text from the set of fields specific for each document type using ABBYY award-winning multi-language recognition technologies, which offer:

- OCR for more than 180 languages, including Chinese, Japanese, Korean and Vietnamese
- ICR for hand-printed text for over 110 languages
- Recognition for a variety of checkboxes
- Barcode recognition for 1D and 2D barcodes

## AUTOMATED VALIDATION

Through an automated validation of data, FlexiCapture provides a set of predefined validation rules to ensure data accuracy. By applying these rules, data can be automatically checked against a database, checked to satisfy the format, brought to a standard (normalized) and more. Any custom rule can be added using the scripting language.

## VERIFICATION

Verification is intended for manually checking the accuracy of recognized data and document structure, as well as manual data entry.  In a mode called Key From Image, data not automatically recognized can be entered manually.  In this mode there is a reference image of the targeted field with space to key in the data.  To speed up and simplify the verification process, FlexiCapture offers several easy-to-use and effective verification modes. Verification is an optional step that can be skipped, in which case data is automatically exported after recognition. Export extracted data and document images can be exported to various destinations:

- Files
- External databases (via ODBC)
- Microsoft SharePoint 2003/2007
- Any business application, ERP or ECM/DMS system

Documents can be also saved as searchable PDF/PDF-A files for archiving purposes.

## ADMINISTRATION AND MONITORING

For managing the user rights and monitoring the performance of the system, FlexiCapture 9.0 offers a web-based administration and monitoring console that enables 24/7 supervision from any location. Rights and roles may be assigned to users, status of batches and event logs may be viewed and reports can be generated.

## FLEXIBLE CUSTOMIZATION TOOLS

Scriptable rules provide the ability to apply any actions to document fields, e.g., apply validation rules, fill-in with data, normalize, etc.

**Scriptable Export**
A scriptable export feature provides the ability to create custom export modules that deliver data and images directly to any external application, e.g., ECM, CRM, ERP, etc.

## WEB SERVICES API

FlexiCapture Web Service API provides SOAP access to the FlexiCapture Processing Server from an external application. By using the API, FlexiCapture may be integrated into various business applications and workflows as an automated document classification and data capture service.  The Web Service API loads images from a folder into a pre-configured project and received recognition results in advanced XML format.