

ABBYY® FlexiCapture 9.0 Standalone



What is FlexiCapture 9.0 Standalone?

FlexiCapture Standalone is ABBYY's form processing and Data Capture solution for small organisations. It provides intelligent and accurate extraction of data from forms and documents for input into backend applications for further processing and archiving. This easy-to-use and to-deploy yet powerful solution provides a real alternative to manual data entry and other traditional forms of data input.

Capture Data from Forms, Documents and More

FlexiCapture Standalone offers a full range of state-of-the-art functionalities for document classification, data extraction and indexing. Customers benefit from an easy-to-use and to-deploy solution which covers all needs of workgroups and departments. Intelligent and accurate Data Capture technologies allow to process paper-based documents in minutes and hours, rather than days or weeks. FlexiCapture Standalone helps transfer paper documents into usable data that can be directly transferred into business processes to improve data quality results and reduce costs.

Single solution for processing all types of documents

Intelligent capture algorithms enable processing of fixed forms or complex documents like invoices or contracts in one single application.

Reduction of manual workload

Automation of data extraction eliminates time-consuming and expensive manual processes thus reducing manual workload of the labour force. Reduction of manual steps speeds up the processing of documents shortening the timeframe until data is available in backend processes.

Easy deployment and use

FlexiCapture Standalone offers easy-to-use and to-deploy yet powerful data capture capabilities, ready to get a data capture solution up and running fast.

Expandability for growing needs

FlexiCapture grows with specific needs from low-volume data capture based on a standalone installation to high-volume in a distributed client-server solution.

High quality data output

Highly accurate recognition technologies along with rule-based automated verification methods ensure optimised and validated data output.

Automated data extraction into backend applications

Export of data into any backend application via XML or ODBC-interfaces to external databases.

Cost savings

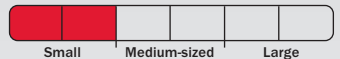
Reduction of operational costs for indexing, document separation and data extraction.

Faster ROI

Elimination of labour-intensive manual operations guarantees a quick return on investment.

Usage Scenario:

Enterprise Level



Usage and Scalability



Key Functionality:

- Intelligent data capture for processing fixed forms or semi-structured documents
- Extended document classification and automated document separation
- Desktop verification and monitoring to ensure high quality data output
- Award-winning recognition technologies for OCR, ICR, OMR, 1D and 2D barcodes
- Support for 186 OCR languages including Chinese, Japanese, Korean, Thai and Vietnamese and 113 ICR languages
- Automated data export to backend applications
- PDF- & PDF/A document export for archiving
- Export to Microsoft SharePoint® or other external applications via custom modules

Functionality Overview



Working with FlexiCapture Standalone

With FlexiCapture Standalone small organisations and workgroups benefit from a simple way to implement data capture systems. This approach for setting up data capture and processing workflows helps deliver greater return on investments in implementation, product training and FlexiCapture template development. When using FlexiCapture Standalone, the data capture process is divided into two stages, both using the same single interface for all data capture processes:

- Administrators set-up the application and develop document definition templates
- Operators are responsible for document scanning or image import, recognition, verification and data export.

Setting up FlexiCapture Standalone

ABBYY Document Definition Editor – for forms and flexible layouts creation

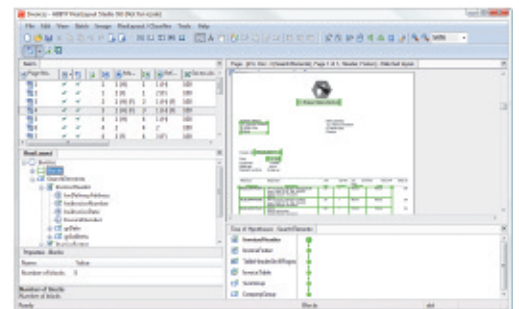
FlexiCapture's Document Definition Editor enables fast and intuitive development of templates – so called “document definitions” - by which the system identifies and processes field data on questionnaires, surveys, exams or registration forms. These document templates describe fields and their locations, page number and order, and rules for validation, verification and export. Additionally, it is used to integrate document definitions created for semi- and unstructured documents. Developers can easily create document definitions in-house when using the editor.

ABBYY FormDesigner for creation of fixed forms

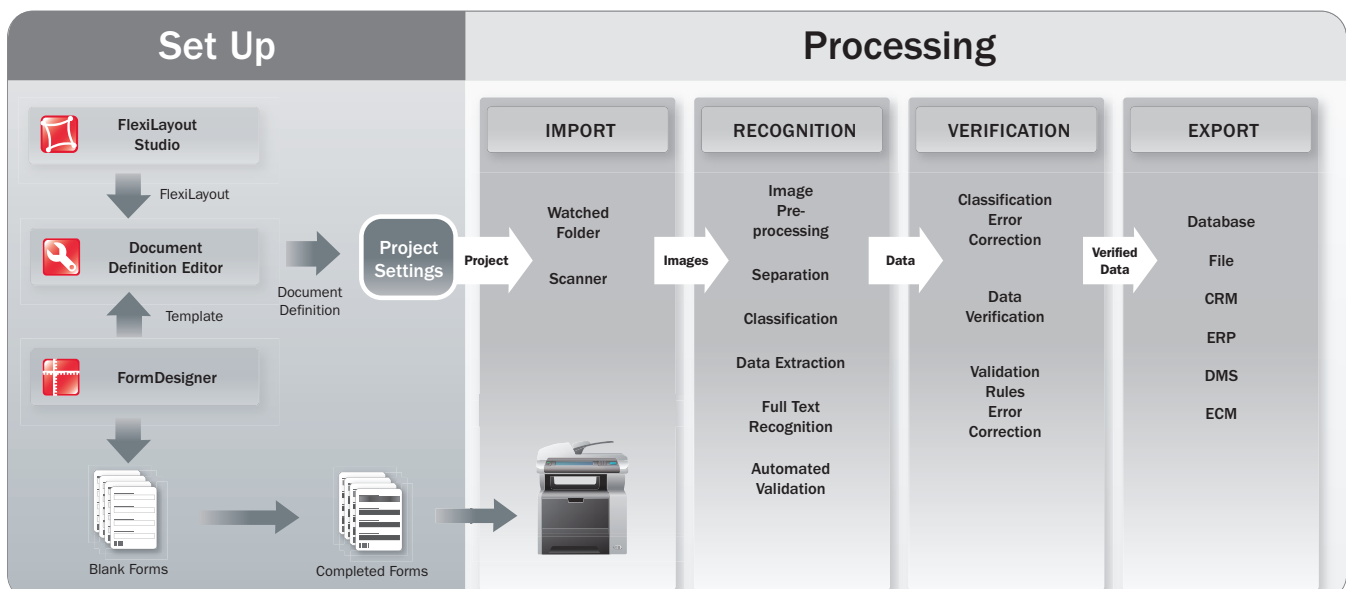
FlexiCapture includes ABBYY FormReader, a graphical design tool designed specifically for creating and distributing machine-readable fixed template forms such as questionnaires, examination forms or insurance claim forms. FormDesigner layouts can be designed by graphic departments. Created forms can be printed or be saved in a variety of popular formats including: Adobe PDF e-forms, Adobe Illustrator or Microsoft Office InfoPath.

ABBYY FlexiLayout Studio for semi- and unstructured document templates

FlexiLayout Studio is a tool for creating “intelligent document definitions” called FlexiLayouts. FlexiLayouts use advanced rules-based logic to locate key fields with specific data – including any text strings, barcodes, dates, currencies, numbers, and tables – on documents with variable layouts. One FlexiLayout contains enough logic to find all required fields even if the location varies from document to document – e.g. invoices coming from different suppliers with different layout variations. It includes effective and convenient instruments to test and adjust FlexiLayouts. Ideal for processing invoices, shipping orders, template-based contracts, etc.



ABBYY® FlexiCapture 9.0 General Workflow





Functionality Overview

Document Processing with FlexiCapture Standalone

Document import

Scanning interfaces for TWAIN and ISIS, Hot-Folder import with auto-checking functionality and scan and import profiles automate import processes for optimized document and data input.

OCR, ICR, checkmark and barcode recognition

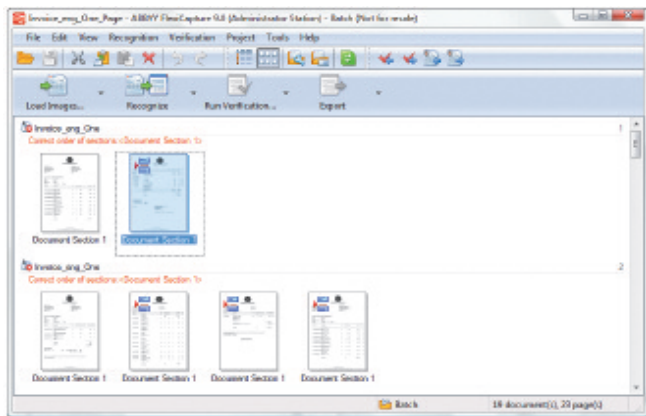
FlexiCapture is based on ABBYY's award-winning recognition technologies delivering unprecedented accuracy and stability in several languages for OCR and ICR. 1D and 2D barcodes and checkmarks can be recognised and powerful image pre-processing functions help to improve recognition quality.

Document separation and indexing

FlexiCapture supports simple document separation using either blank pages or barcodes. Intelligent document definitions enable automatic document separation and allow users to process many different document types in a single stream without pre-sorting.

Built-in document classification

FlexiCapture's template matching process identifies document types and classifies them according to data in the document definitions. New advanced classifiers make this process quick and accurate. Operators can manually re-assemble documents containing classification and assembling errors via "drag-and-drop".



Intelligent technology for processing multipage documents with long tables

FlexiCapture is able to process all kinds of forms and business documents like invoices, price lists or contracts. With FlexiCapture Standalone organisations get a unique technology that easily processes multipage documents with tables that stretch over more than one page.

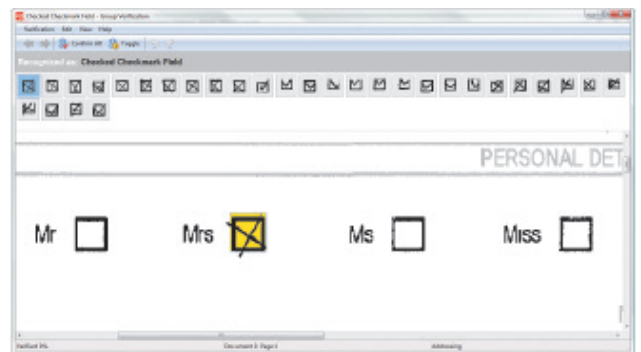
Automated data validation

Built-in validation rules are automatically applied during recognition to increase accuracy. Functions include checking against an external database, check sums, replacing values from a list, normalizing dates and prices as well as dictionaries. This ensures higher data quality and reduces the workload for subsequent verification.

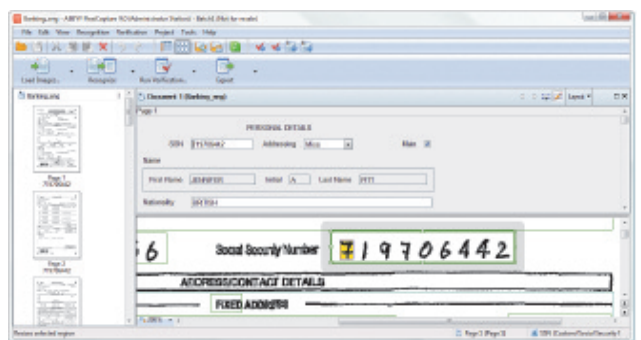
Easy verification on your desktop

An intuitive verification interface allows operators to manually check the correctness of recognised data and to track recognition errors. FlexiCapture verification offers easy-to-use and effective verification methods:

- Field verification for fields with unrecognised characters and context level correction.
- Group verification which speeds-up the verification process when checkmarks and digits are verified in groups of similar values.



- Document window verification for checking several fields simultaneously. Even better visual correction of validation and rule errors can be achieved when viewing the whole page during group- or field-level verification.



Export in multiple file formats to a variety of systems

Extracted data and documents can be exported to backend applications, databases or can be stored in enterprise repositories. Powerful export features include automated export or export to multiple destinations like:

- Files (most common file formats supported)
- Images (most common image formats supported)
- XML (Basic and advanced XML export)
- External databases (via ODBC)
- Microsoft SharePoint

For archiving documents can be converted to searchable PDF/PDF-A and exported to an external archiving system.

Specifications and Licensing

Specifications

System requirements

- **PC:** Intel® Core™2/2 Quad/Pentium® /Celeron® /Xeon™, AMD 6/Turion™/Athlon™/Duron™/Sempron™ processor or compatible with a minimum clock speed of 2 GHz
- **Operating system:** Microsoft® Windows® XP SP2 x86, Windows Vista® SP1 x86 + Hotfix for Windows (KB959489), Windows Server® 2003
- **Memory:** 1 GB for every CPU core

Input formats

BMP, PCX, JPEG, JPEG 2000, PNG, TIFF, DjVu, DCX, PDFs (including PDF/A)

Recognition languages

Please check www.ABBYY.com for a full language list.

- **OCR:** 186 languages, 42 with dictionary support
- **ICR:** 113 languages
- **OMR:** Checkboxes, non-framed checkboxes and bubbles
- **Barcodes:** 1D-Barcodes including EAN, Check, IATA, UCC and UPC and 2D Barcodes including PDF417, AZTEC and Data Matrix

Data export formats

- XLS, DBF, CSV, TXT, CSV
- Basic and advanced XML export
- Database export via ODBC
- Export to Microsoft Sharepoint
- Export to backend applications via custom modules

Image export / saving format:

- BMP, PCX, PNG, JPEG, JPEG 2000, TIFF and DCX
- Export for archiving to searchable PDF and PDF/A

ABBYY FlexiCapture 9.0 Licensing

ABBYY FlexiCapture is sold through ABBYY FlexiCapture certified value-added resellers, system integrators and to service providers. The product's flexible licensing scheme allows partners to select the best pricing option for their specific project. Licensing is offered as:

Pages-per-year licenses (PPY)

The page limited license grants the right to process a given amount of pages within a designated time-frame in yearly increments. Customers select the appropriate amount of yearly processing based on their project needs. Multiple CPU cores are supported.

Add-on modules and tools

Licenses can be enhanced by adding additional language support for Chinese, Japanese, Korean, Thai, and Vietnamese. Organisations can also purchase PDF Export or additional graphical design tools for fixed forms development.

Page-unlimited licences (Dual Core Support)

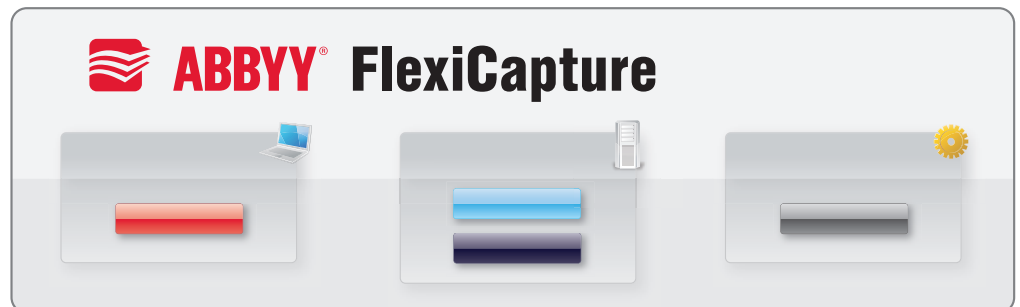
Page-unlimited licenses are restricted to the underlying processing power. ABBYY offers page unlimited licenses, and processing is then limited to the usage of two CPU cores.

Support, Maintenance and Upgrade Assurance (SMUA)

FlexiCapture Standalone automatically includes a one year subscription for support, maintenance and upgrade assurance. Additional support and maintenance can be purchased in yearly increments.

ABBYY Data Capture Product Line

ABBYY Data Capture products come in different variants to serve different needs. FlexiCapture is available in a workgroup based solution for departments, client-server based solution for distributed data capture in medium-sized organisations, or software development kits (SDK) for integration with custom-built applications.



ABBYY Professional Services

ABBYY offers professional services to help partners jump-start projects or provide additional expertise and support for your teams. Services include creation of FlexiCapture document definitions (templates) and FlexiLayout development.

ABBYY FlexiCapture Certification and Training

To ensure the success of your projects, ABBYY offers additional support, training and certification programs on FlexiCapture Technology. ABBYY trainings are offered regularly. Please see www.ABBYY.com for training schedules.



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