

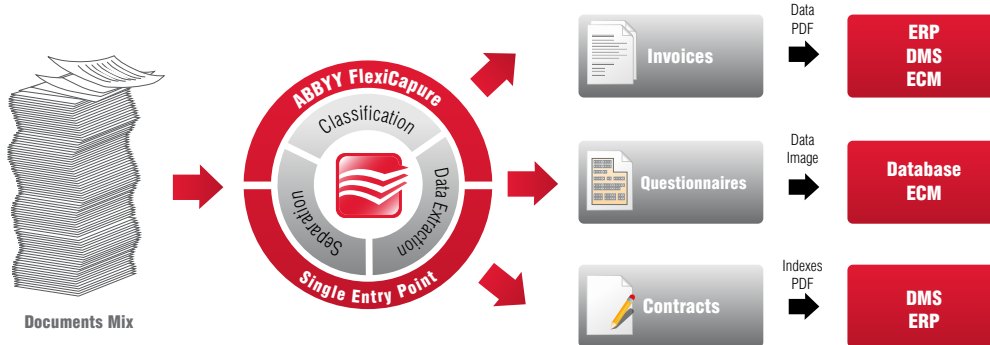
ABBYY®

ABBYY® FlexiCapture® 10

World-class automated data capture and document processing solution



ABBYY® FlexiCapture® 10 is a powerful data capture and document processing solution that works with precision accuracy to convert a broad range of document types into business-ready data in more than 180 languages. Available as a Standalone desktop solution or a Distributed solution suitable for server environments, FlexiCapture 10 automates time- and resource-consuming tasks to significantly reduce the time it takes to deliver the data you need. FlexiCapture integrates easily with back-end systems and specific business processes to help further improve overall efficiency and reduce operating costs for organizations of all sizes. Advanced integration and implementation services provided by ABBYY Certified Partners and ABBYY Professional Services can help fully optimize your return on investment and speed your ability to achieve competitive advantage.



All this from a single point of entry

Automated data capture

Streamline business processes by automating manual tasks, including pre-sorting and data entry for business-critical documents such as invoices, agreements, purchase orders, registration forms, and more.

High-quality data output

Ensure accurate business-ready data output with award-winning FlexiCapture software, recognition technologies, and rules-based automated verification methods.

Auto-learning and classification

Simplify document classification and layout creation during the implementation phase with FlexiCapture's new auto-learning options—simply point and click to create simple layout descriptions and define document types for classification.

Remote scanning and verification

Reduce costs by implementing a distributed workforce that uses web-based verification stations for remote data validation. FlexiCapture ClickOnce

technology facilitates on-demand scanning that can be performed remotely from any location on any computer.

Scalability and fault tolerance

Automatically balance workloads to ensure optimal processing performance, high-volume throughput, and improved productivity. Microsoft Cluster support ensures consistent system operation and prevents data loss in the event of a system failure.

Extensive language support

Process documents in more than 180 languages, including Chinese, Japanese, Korean, and Vietnamese.

Flexible integration and customization

Customize and integrate FlexiCapture with your existing business processes. Use FlexiCapture's full complement of powerful tools to add custom processing stages and scripts, Web Service API, and external modules to integrate data capture solutions that meet specific needs.

FlexiCapture advantages

Accomplish more

Automate the mundane to improve resource efficiencies and increase productivity

Accelerate your ROI

See a return on your investment in as little as 6 to 12 months

See quality results

Award-winning precision data extraction streamlines and simplifies business processes and dataflow

Gain competitive edge

Faster data extraction of high-quality data optimizes productivity and increases competitiveness

Expand productivity

A single solution to automate your documentation needs – start small and expand throughout the entire organization

Simplify learning

Easy-to-understand applications help accelerate verification processes and document definition development

Integrate with ease

The tools you need to develop, test, and integrate a data capture solution into existing business processes

 **ABBYY® FlexiCapture® 10**

www.ABBYY.com

Functionality Overview

FlexiCapture® 10—Two solutions to better serve you

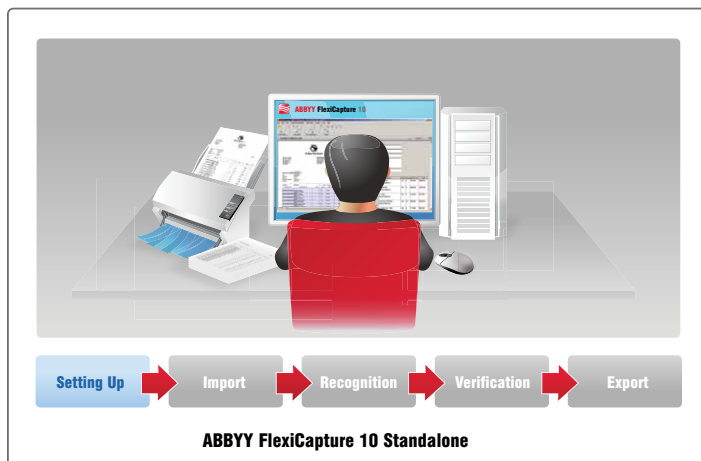
FlexiCapture® Standalone

Just right for small to mid-sized projects

FlexiCapture® Standalone manages the workflow among modules, handles all requests, maintains processing options, and distributes recognition and conversion jobs among processing stations to maximize throughput.

Processing station

Processing stations perform OCR and document conversion and receive jobs from the server manager. The recognition server scales easily by adding processing stations (PCs) or assigning additional CPUs.



FlexiCapture® Distributed

High performance for managing larger projects

FlexiCapture® Distributed delivers high-performance data capture for scalable, client-server architecture that supports high-volume processing in a distributed network environment.

Server components dedicated to data processing balance workloads to ensure optimal productivity and support high-availability clusters to prevent system failure. Multiple client-operator stations facilitate each step in the data capture process—set-up, administration, scanning, verification, and monitoring. Easy-to-install scanning clients and web-based verification are among the additional tools available.

Fully automated processing

FlexiCapture 10 executes all resource-intensive operations automatically, including image import, recognition, classification, data extraction, validation rules execution, and export of data and images.

Process server

The process server's scalable architecture automatically distributes tasks among processing stations within a system. When additional stations are added, the server immediately balances the workload among them to increase overall throughput.

Database server

The database server supports various database management systems, stores all data and processing stages, as well as information about users, batches, processing operations, and statistics.

Application server

The application server handles all processing tasks and queues, automatically routing them based on priority and workflow settings.

Client-operator stations

A set of dedicated client-operator stations perform scanning, data and document verification tasks.

Administration and monitoring

FlexiCapture 10 provides an extensive set of reports to help system administrators monitor system performance, control operator workloads, and estimate the cost of customer projects. Using Crystal Reports Editor, administrators can generate custom reports based on desired parameters and data samples within the database.

Layout development and project setup

FlexiCapture 10 includes a range of layout development tools. ABBYY® Document Definition Editor allows you to create machine-readable templates for form documents, such as questionnaires. ABBYY® FlexiLayout® Studio allows you to create FlexiLayouts for semi-structured and unstructured documents, like invoices or contracts. Use FlexiLayout Studio's tool set to test and adjust your FlexiLayouts, the training mode to generate layouts, the hypotheses tree to develop alternative layouts, and the advanced FlexiLayout language to further customize complex layouts.

Form design

FormDesigner, a utility within FlexiCapture, allows you to quickly create blank fixed forms. Automate tedious work such as checkmark design with the help of Wizards, a step-by-step guide to creating checkmark groups. Use

Functionality Overview

data-merging profiles to merge barcodes and images, or create new capabilities for automating high-volume jobs. Take advantage of multiple colors, easy-to-use default settings, drag-and-drop multipage support, and much more when designing new forms.

Document processing

FlexiCapture® 10 offers a full range of document classification, data extraction, and indexing capabilities to meet a broad spectrum of business processing requirements. You can select and deploy client-operator stations for scanning, data and document verification. Flexible workflows and batch type management make it easy to manage the processing and verification steps, as well as establish the desired level of automatic or manual intervention. You can also choose to implement advanced document routing within stages and among operators based on recognition results, rule errors, and registration parameters.

Scanning and importing images

FlexiCapture Standalone is ideal for low-volume scanning projects while FlexiCapture Distributed, equipped with a scanning station, is best suited to tasks that involve high-volume batch scanning. Images can be imported from hot folders or as inbound e-mail attachments to both FlexiCapture solutions. Installing FlexiCapture Scanning Station is fast and easy: simply click once on the installation web page to automate the installation process from start to finish.

Classification and auto-learning

FlexiCapture uses simple document assembly based on blank pages or barcodes and advanced classification techniques for document type definitions. Auto-learning adds point-and-click ease to both classifying and creating simple layouts for semi-structured documents.

OCR, ICR, checkmark, and barcode recognition

FlexiCapture 10 is based on ABBYY award-winning recognition technologies that deliver unprecedented accuracy in multiple OCR and ICR languages. 1D and 2D barcodes and checkmarks are easily recognized, while powerful image pre-processing functions help to improve recognition quality.

Automated data validation

Automated data validation ensures high quality data and reduces the need for subsequent verification. Built-in validation rules are automatically applied during recognition to increase accuracy.

Data verification

Data verification executes low-level verification tasks to determine if the extracted data match that of the original document.

FlexiCapture 10's data verification interface can be accessed 24/7 via any web browser, with no preinstalled software required. To rule out the possibility of program or human error, two operators can perform independent verification of your crucial business data. The data is considered verified only after proofreading results from both operators agree.

Document-level verification

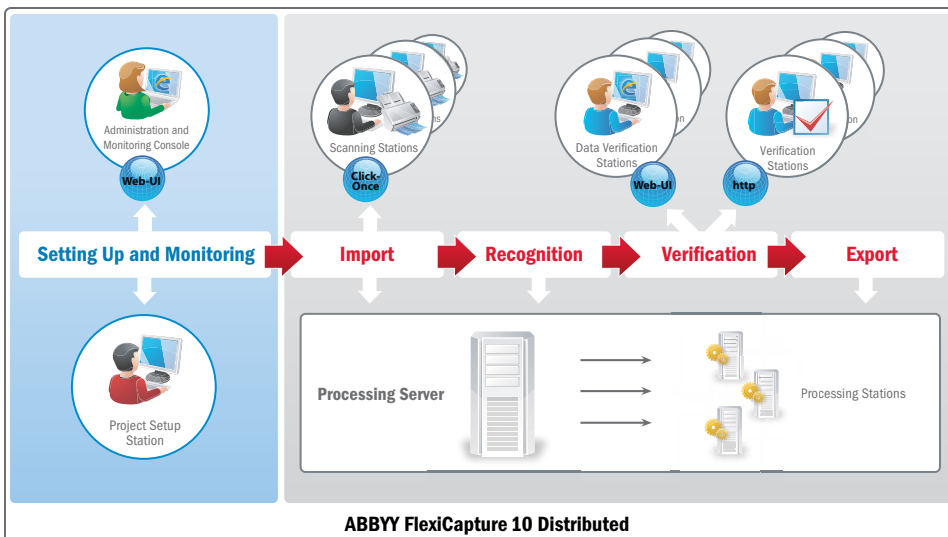
Document-level verification is implemented as a separate verification station in FlexiCapture Distributed environments and includes all verification capabilities. Verification operators are able to routinely check for assembly and rule errors, while an intuitive drag-and-drop interface allows them to manually re-assemble documents containing assembly and classification errors.

Data export

Data can be exported to back-end applications or databases or stored in enterprise repositories. Automated export and export to multiple destinations are also available. FlexiCapture 10 supports a range of export destinations including XML, ODBC, Microsoft Office SharePoint and other business applications through custom modules, connectors, or scriptable export

Redaction and archiving

FlexiCapture 10's redaction tool allows you to remove confidential or sensitive data from specified fields. When readying document images for archiving, use FlexiCapture to quickly convert the images to searchable PDF or PDF/A files.



Specifications



Specifications

Input formats:

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

Recognition languages:

- OCR: over 180 languages including Chinese, Japanese and Korean
- ICR: 113 languages

OMR:

- Framed and un-framed checkboxes, bubbles

Barcodes:

- 1D barcodes, including EAN, Check, IATA, UCC, UPC
- 2D barcodes, including PDF417, AZTEC, Data Matrix

Data export formats:

- XLS, DBF, CSV, TXT, XML
- Database export via ODBC
- Export to Microsoft SharePoint
- Export to back-end applications via custom modules

Image export/saving formats:

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

System requirements*

- PC with 2GHz or higher processor
- Operating systems (servers): Microsoft Windows Server 2003 SP2, 2008 SP2, 2008 R2
- Operating systems (stations): Microsoft Windows XP SP3, Vista SP2, 7
- Memory: 1GB for every CPU core
- Microsoft .Net Framework 2.0 or higher
- Internet Information Services 6, 7, or 7.5
- Crystal Reports Basic Runtime for Visual Studio®: 2008: x86; 2010: x64
- Microsoft SQL Server® 2005, 2008 or 2008 R2
- Microsoft Internet Explorer® 7, 8, 9

* System requirements may vary based on type of station or server component. Refer to documentation for further details.

FlexiCapture® 10 integration and customization features

Integrate FlexiCapture® 10 into your current business processes, connect with external applications, or customize it to perform desired tasks using Web Service API, extensive scripting capabilities, customized workflows, and intuitive user interfaces.

Web service API

Web Service API is the tool of choice when integrating FlexiCapture 10 with external applications. Web Service API enables external systems to program-in batches of images, start workflows, integrate external verification stations, and obtain recognition results. Web Service API also allows you to control processing tasks, and gain access to projects and batches.

Customized workflows

Customize FlexiCapture 10 workflows by using the dialog box to add new stages or custom routing. Verification station user interfaces—buttons and menu items—can be also modified to fit specific

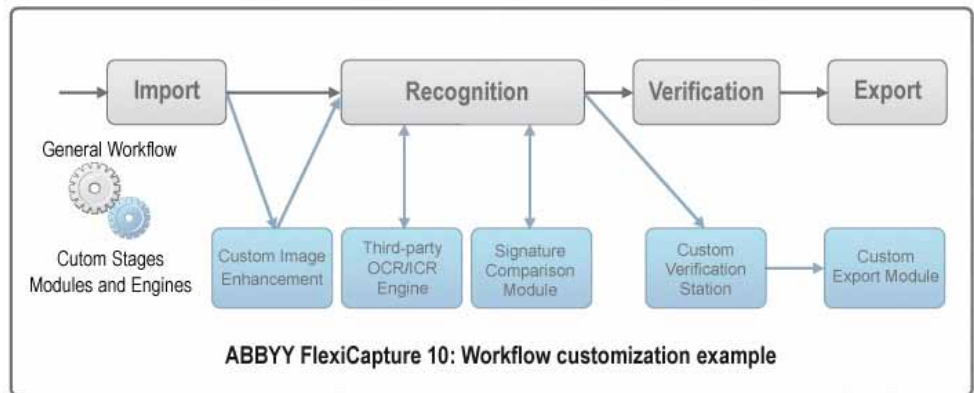
workflow scenarios. The chart below provides an example of how FlexiCapture can be used to customize workflows.

Scanning and verification station scripts

Scanning station scripts are available to automate imaging tasks, including split pages, document registration, and the use of external components for image preprocessing. Custom toolbars can be developed to provide easier access to custom scripts. Verification station scripts can be used to auto-correct and validate extracted data.

Processing scripts

Processing scripts include those used for document assembly, event handlers, and custom export. Event handlers provide extensive control over workflows, allowing you to script any batch, document, or field event. Document assembly scripts are used to define document structures and separate documents based on field values, while custom export scripts help facilitate connectors to back-end systems to access extracted data.



Professional services

Achieve optimal return on your FlexiCapture 10 investment when you take advantage of advanced integration and implementation services provided by ABBYY Certified Partners and ABBYY Professional Services. From installation to upgrades, ABBYY provides the resources you need to excel.



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FlexiCapture licensing

FlexiCapture 10 licenses can be extended by adding language support for Chinese, Japanese, Korean, Thai, and Vietnamese, as well as additional stations and tables support. Custom modules for data export to industry-leading back-end applications are also available.

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