ABBYY FORMREADER™

Fast, accurate forms processing

Automatically inputs data from paper forms into information-management systems and databases

Increase Productivity

Cut Costs

Easy Access

> Processes thousands of scanned pages per day with greater accuracy than manual entry

> Reads and extracts machine print, hand-printed letters and numbers, check marks and barcodes

> Three verification modes provide superb data accuracy

> Automatically save data into various usable formats

> Easy to implement, with no significant investment in IT resources

> Supports a wide variety of fixed and semi-structured form layouts

Toshiba Document Solutions combine Toshiba e-STUDIO systems with powerful software applications and targeted business process improvements to enable you to more effectively distribute, manage, and organize your documents.

Data Recognition

One of these software applications is ABBYY FormReader from ABBYY Software House. Used in conjunction with a Toshiba e-STUDIO system, FormReader is a data-recognition and form-processing tool for automatic data input of paper forms into information-management systems and databases. It recognizes handprint (ICR), machine print (OCR), check marks (OMR), and 1-D and 2-D barcodes (OBR) from a wide variety of paper forms, including:

> Invoices

> Purchase Orders

> Questionnaires

> Tax Returns

> Voting Ballots

> Titles

> Banking payment orders

> Insurance Claim Forms

> ID Cards

Recognizes scanned forms

FormReader can recognize forms scanned from an e-STUDIO system and images stored on the network. It supports TIFF group III images created by faxes, as well as TIFF group IV images created on Toshiba copiers.

Automatic field validation

FormReader includes an automatic field validation system to reliably proofread most forms after recognition. And, it automatically checks the interpreted data for validity against customers' databases, standard and user defined dictionaries, and checking rules.

Accuracy

FormReader recognizes symbols, even those that are hand-printed, with impressive accuracy. Intelligent recognition capability results in fewer errors compared to manual input.

Cost-effectiveness

FormReader processes forms at a rate ten times faster than professional data entry personnel. It increases office productivity and reduces the need for additional data-entry staff.

TOSHIBA
Don't copy. Lead.

Increase productivity, cut costs, and make documents easier to access.

Scalability

For high-volume projects, customers can upgrade to FormReader Enterprise Edition which offers plug-and-play scalability and expand as the business needs grows.

Expandability

ABBYY FlexiCapture Studio is an add-on option that extends the capabilities of FormReader by allowing users to create flexible descriptions of semi-structured forms, or FlexiLayouts. This addition enables FormReader to capture data from forms and documents with variable layouts. FlexiCapture Studio provides tools and mechanisms that dramatically simplify the creation, testing and adjustment of FlexiLayouts with flexible descriptions for documents of any complexity.

Efficiency

FormReader's fast processing speed, recognition accuracy, and automatic control of output results make it a very efficient automatic data-capture system. It's easy to install, and because paper forms are converted into databases, archiving and retrieving those documents will be much easier—saving time and reducing operational costs.

Handy instructional guide

FormReader comes with detailed instructions, tips, and tutorials including information on how to increase recognition accuracy, and methods for creating machine readable forms. The documentation is easy to understand, even for a non-specialist, and provides valuable forms-processing information. In addition, FormReader includes form samples with matched templates that help users understand the form-processing and validation rule settings before they start inputting their forms.

FormReader and Toshiba devices

Along with Toshiba e-STUDIO systems, FormReader increases productivity and cuts down on forms input errors. Call your Toshiba representative today for more information on how FormReader and other Toshiba Document Solutions can help your organization.

Organize your documents and gain control

You can organize your documents by scanning and electronically storing, indexing, and retrieving them. Access is faster and more secure while filing costs decrease. Plus, collaboration and version control on documents become easier. The result? Savings in money and time, higher productivity—and a healthier bottom line.

When coupled with Toshiba e-STUDIO systems, Toshiba's Organize software provides the following benefits:

> Find documents faster

> Increase access to your documents

> Lower your filing costs

> Increase document security

> Ensure business continuity

> Collaborate on documents

> Improve productivity with electronic document workflow

System Requirements & Specifications

Operating System	Microsoft® Windows® XP, Windows® 2000, Windows® 2003, Windows® NT 4.0 (SP6 or later)	
Image Input Formats	TIFF, JPEG, JPEG-2000, BMP, PNG, PDF (via optional module)	
Recognition Methods and Languages	OCR	• 34 main languages (with dictionary support and spell check) of various text types, including matrix printer, typewriter, typographic, OCR-A, OCR-B, MICR (E13B) • 138 additional languages with Latin, Cryllic or Greek characters
	ICR	• 22 main languages with morphology/dictionary support • 69 additional languages with Latin, Cryllic or Greek characters
	OMR	• Circles around selections or numbers • Check boxes (framed and non-framed) • Bubbles
	OBR/ Barcode	• 1 D: Code 39, Check Code 30, Interleaved 25, Check Interleaved 25, EAN 13, EAN 8, Code 128, IATA 25, Codabar, UPC-A, UPC-E, UCC-128, Code 93, 2D: PDF 417
Text Output Formats	TXT; XLS; DBF, CSV and database via ODBC; XML (via optional module); PDF (via optional module)	
Interface Languages	English, German, French, Italian, Spanish, Russian, Bulgarian, Slovak, Czech, Lithuanian, Polish	

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Vendor Sheet: FormReader/Inv. Code 19181

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