



PRO PDF to Image

Overview

PRO PDF to Image dynamically converts PostScript documents to images in TIFF or PNG formats. This allows organizations to incorporate their PostScript legal, marketing and other business documents into the Enterprise Content Management (ECM) systems.

TIFF is the format of choice for archiving business documents as images and it is used in many Enterprise Content Management implementations. Other imaging formats can only handle single page files, which are then very difficult to reassemble into multi page documents. TIFF offers an important advantage: it can hold either single or multiple pages in one file. Using the built-in **PRO Splitter**, organizations can easily create TIFF files containing complete customer statements, bills, invoices, policies, and other important documents.

PRO PDF to Image provides a smooth migration path for those PostScript printer customers who want to utilize their print applications in Enterprise Content Management (ECM) systems, without making costly architecture changes. Whether organizations want to archive and retrieve their PostScript documents or to make them available to both staff and customers in an interactive mode, **PRO PDF to Image** is the key enabler: it provides high-fidelity images of the business data, indexed, and, if need be, enhanced or restructured.

The high-speed performance of **PRO PDF to Image** permits dynamic conversion of PostScript print documents for interactive applications. This can save significant data storage costs and eliminate expensive batch transformation processing.

Multiple Uses

PRO PDF to Image can generate images for Enterprise Content Management (ECM) systems, to be used for instance in:

- Archiving/retrieving documents
- Storage of output documents in imaging and COLD systems
- Storage of output documents in Report Management and Distribution systems
- Distributing documents electronically, for instance by emailing or faxing
- Selective reprinting
- Disaster recovery

The Best Approach

PRO PDF to Image is the best approach, because it provides the following:

- Conversion into TIFF or PNG of all documents in the PostScript format, which allows organizations to leverage their investment in PostScript print applications in the Enterprise Content Management (ECM) systems
- Archival/retrieval capabilities for PostScript printer applications
- TIFF files representing the original PostScript documents with perfect fidelity, optimized for storage, archival, retrieval, re-display and electronic distribution
- Ability to create and handle single page files or meaningful multi page aggregates, like customer statements (TIFF format only)
- Outstanding performance combined with exceptional quality
- Conversion, indexing, enhancing (reengineering) and splitting of the input print files in a single production pass
- A choice of platforms that includes Solaris, Linux and Windows
- The most value combined with the best architecture

Multiple Platforms

PRO PDF to Image runs on the following platforms:

- Windows XP, NT, ME, 2000, 2003, Vista
- Solaris
- Linux

Superlative Support

Crawford Technologies believes in providing superlative support for all our products. We offer telephone hotline support for problem reporting and product inquiries as well as FAX and e-mail support. Our online [Knowledgebase](#) provides access to our incident reports and change logs 24 by 7. Our extensive front line experience and in-depth product knowledge allow us to respond quickly with solutions.

For organizations that need support around the clock, our Premium Support Plan provides full 24 x 7 coverage.

Transform PRO Options Provide Excellent Value

You can use the following plug-in components with **PRO PDF to IMAGE**, to provide additional capabilities and optimize TIFF images for storage, archival, retrieval and display:

- * PRO Indexer (optional)
- * PRO Splitter (built-in)
- * PRO Document Enhancer (optional)
- * PRO Concatenator (optional)
- * Pro WorkFlow Server

Features & Benefits

Archive, Retrieve and Use Documents of Outstanding Fidelity

The converted TIFF and PNG images are perfect representations of the original print files. All PostScript fonts, forms and other resources are reproduced exactly as they are on a PostScript printer. With your print files in the widely accepted TIFF format, you can easily store your PostScript documents in ECM systems, making your data secure and easily retrievable.

Take Advantage of Superb Archival Flexibility: Archive by Page, by Customer, by Transaction, etc.

Unlike other imaging formats, TIFF files can handle single or multi page files. To store multi page customer statements or invoices, use the built-in **PRO Splitter** to split the print file during conversion into separate multi page statements or invoices. **PRO PDF to Image** will then create one TIFF image for each individual complete document. This will allow you to easily archive and retrieve data on individual customers or transactions without the need to modify the application that creates the original print file.

Expand the Value of Current Printers

Since **PRO PDF to Image** can convert the output of your current printers to an additional format, the usefulness of those printers to your organization is expanded and their value is increased.

Fit PRO PDF to Image into Your System Architecture Easily and Reliably

PRO PDF to Image runs on many platforms, including Unix, Linux, Solaris and Windows. The ability to create new versions of your documents on your choice of platforms, without expensive and time consuming file transfers and process changes, saves you money and allows you to reap the benefits of **PRO PDF to Image** easily and reliably.

Optimize the Conversion and Management of TIFF or PNG Files and Get Savings

The optional **PRO Indexer** plug-in can extract text for separate archival and create index files, XML files, or database commands, mark document breakpoints and generate image names using the contents of the original documents, such as account number, customer name or statement date. This can greatly simplify the process of managing the converted files and bring financial savings.

Enhance Documents without Paying for New/Changed Print Applications

During the conversion pass, the optional **PRO Document Enhancer** can **reengineer** the converted documents to meet most any change requirements. Pages, text fields, form fields, hyperlinks, bar codes and OMR marks can be added, changed or suppressed, eliminating the need for costly reprogramming of the original print applications.

Product Specification

Print Stream Support

PRO PDF to Image is based on PRO PDF interpreter that supports all of PostScript centralized printer capabilities including:

- PostScript Levels 1, 2 and 3

Resource Support

PRO PDF to Image contains support for an extensive array of PostScript print resources, including PostScript fonts, images and forms.

PRO PDF to TIFF transform can create single page files or multi page files. The latter are capable of holding multi-page information on an individual customer or transaction or an entire print file.

Font Handling

PRO PDF to Image generates exact representations of the original PostScript fonts and other resources; they look exactly as they do on PostScript printers.

Output Format

PRO PDF to Image contains a device driver that converts PostScript into TIFF or PNG formats dynamically. The generated images are monochrome bitmaps, with adjustable raster resolution.

PRO PDF to TIFF transform can create single page files or multi page files. The latter are capable of holding extended information on an individual customer or transaction, or an entire print file.

Transform Control Options

PRO PDF to Image allows you to set the raster resolution (default 300 dpi). The output TIFF or PNG can also be optimized through the following run-time options.

Splitting Documents

The built-in **PRO Splitter** plug-in allows you to split the print file into multi page TIFF images, containing complete information on a particular topic, for instance an invoice.

Indexing

The optional **PRO Indexer** plug-in allows you to select and extract pertinent data from within the print stream, while a document is being processed. The Index files can be generated in a variety of formats. You can:

- Define any number of index keys to be extracted
- Select fields and define how they will be manipulated before being written to the index file or XTML file
- Mark breakpoints for individual subdocuments

- After selection, use PRO Indexer to "scrape" all or selected fields of text and place it in an index file or text file
- Set up names for image files created by PRO PDF based on the contents of the original document, for instance customer names or account numbers. This would allow you to archive the output files in databases and later call them up for display or printing

Enhancing Documents

The optional **PRO Document Enhancer**, a powerful reengineering tool, allows you to manipulate fields to easily create modified, customized and enhanced documents without having to consume IT resources to make complex programming changes to business applications. Modifications that can be made to print applications include:

- Adding text fields, OMR marks, barcodes, including the USPS Intelligent Mail Barcode, or images to pages
- Suppressing OMR marks, barcodes and text fields
- Moving information around on the page
- Changing fonts for text fields
- Repaginating multiple-up print files to 1-up
- Inserting new pages
- Adding marketing messages

Audit Log

The Audit Log option allows you to log the details of the file conversion process, including the contents of the input file. You can define what to log, for instance fields from the print data, such as account numbers, policy numbers, invoice numbers, customer names and other useful tracking information.

Statistics Log

The Statistics Log feature allows you to log statistical information on the file conversion process. This includes a log of the parameters used, number of pages processed, conversion time, conversion speed, resources used and other information about the transform.

System Requirements

PRO PDF to Image can be installed and configured by the customer or Crawford Technologies professional services consultants. For more information, contact us. System requirements are as follows:

Software Prerequisites

PRO PDF to Image runs on the following operating systems:

- Windows XP, NT, ME, 2000, 2003, Vista
- Solaris, version 2.6 and up
- Linux Red Hat
- Linux SUSE

Hardware Prerequisites

Computer

PRO PDF to Image requires a computer capable of running the software described above.

