



# PRO Document Enhancer

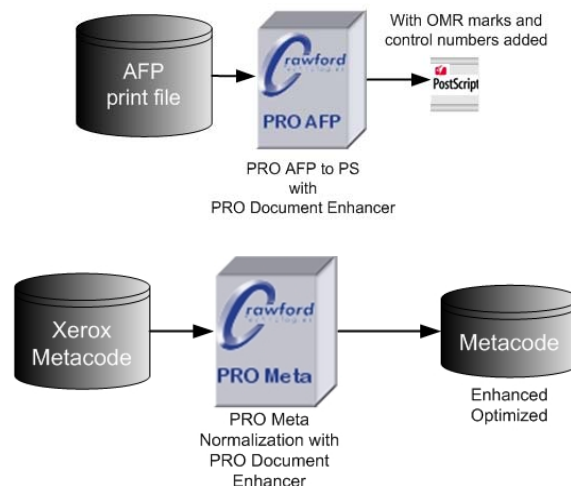
The **PRO Document Enhancer** is designed for customers, who want to modify, customize and enhance documents without reprogramming the existing print applications.

The **PRO Document Enhancer**, a powerful reengineering tool, manipulates documents to easily create modified, customized and enhanced documents without having to consume IT resources to make complex programming changes to business applications.

Using **PRO Document Enhancer** to reengineer your print applications you can:

- Enable and/or optimize print output for automatic mail processing by a broad spectrum of postal automation solutions
- Add, suppress or modify: text fields, OMR marks, barcodes, including 2D barcodes, such as DataMatrix and PDF417, and the new Intelligent Mail® barcode (aka the 4-State Customer Barcode), control numbers or images to document pages
- Repaginate multiple-up print files to 1-up
- Move information around on pages
- Change attributes such as color and font typeface and size
- Merge data from external files
- Add form fields to PDF forms
- Convert variable data fields to form fields in PDF forms
- Delete pages from a file according to filter rules
- Divide a file into subdocuments, which are arbitrarily assigned sets of pages
- Set the maximum size of subdocuments
- Count pages in subdocuments
- Add slip sheets or covers between documents for easy statement separation
- Sequence output pages or subdocuments based on the contents of an external file
- Sort output pages or subdocuments based on the contents of fields within the print or control data

**PRO Document Enhancer** can be used in the same production pass with any **PRO** transform to process AFP, Xerox LCDS and metacode, PostScript, PDF and PCL print files. See examples below.



**PRO Document Enhancer** is available on all major platforms including Windows, Linux, AIX, Solaris, HP-UX and z/OS so the users can install the software wherever they need it.

**PRO Document Enhancer** can:

- Run as a standalone system to add value to print streams and output the results in the same format (e.g. AFP in to AFP out) or
- Run with all CrawfordTech PRO Transform products to output a different print stream format (e.g. PDF in to AFP out) in a single pass.

**PRO Document Enhancer** supports the optional [PRO Indexer](#), [PRO Splitter](#) and [PRO Concatenator](#) components, extending its capabilities even further with the introduction of a powerful new if/then/else scripting language to support the most complex applications and requirements.

The following are some examples of how CrawfordTech customers are applying the power of **PRO Document Enhancer**:

- Replace USPS Postnet barcodes with the new USPS Intelligent Mail® barcode (formally known as the 4-State Customer Barcode), to stay compliant and take advantage of USPS services such as mail tracking
- Add, suppress or sort pages and sets based on the contents of an external file, so that users can apply postal automation and one-to-one marketing techniques to applications running advanced print stream formats such as PostScript, AFP and PDF.
- Add human and machine readable codes for automation and quality assurance purposes in a print/insertion operation
- Process a single print file to create separate files for end customers who want to receive printed and/or electronically presented statements based on the contents of an external customer preference data file
- Modify existing 2-up formatted print files designed to run on continuous form printers to 1-up format for web presentment or for printing continuous form applications on cut-sheet printers. This approach improves operational flexibility, increases equipment utilization and operator productivity
- Add cover page before each subdocument (page set), if the name and address fields on the statements have not been positioned in the correct location to show through the window of the envelopes
- Break off a file from a report, every time a specified field value (e.g. a report ID number) changes, to split off department or broker sections
- Extract account number and pertinent customer information to a fixed field file; the information can then be fed to other applications, e.g. postal automation facility, ADF (Automated Document Factory) or sorting software.
- Extract floating data from a print file and position it at standard locations in a PDF for use in the IBM Content Manager OnDemand
- Limit the size of print files to match the restraints imposed by Filenet's MR11 and HP11 ECM importing applications.
- Reduce the length of subdocument numbers to accommodate the Planet Code for mailings, using the PRO Scripting Language.