



PRO Meta to PS

Overview

PRO Meta to PS provides a smooth migration path for Xerox printer customers who want to move their applications to PostScript printers without making costly application changes.

PRO Meta to PS dynamically converts Xerox LCDS and Metacode documents into standard PostScript files for printing on PostScript printers. PostScript documents can also be sent to a file for database storage or archival.

PRO Meta to PS lets organizations use a single printer for printing PostScript as well as LCDS and Metacode applications.

Output Optimized for Performance

PRO Meta to PS is optimized for production-speed and performance with low resource usage and fast execution time.

Outstanding Document Quality

Custom fonts and logos are dynamically transformed to PostScript, providing superior image fidelity. Shading patterns can be adjusted for the best possible appearance on PostScript printers. Character and word placement is identical to that on Xerox printers.

PRO Meta to PS supports all of the Xerox centralized printer capabilities as well as highlight color mapping, multiple copy printing, tumble, duplex or simplex printing and Letter, Legal, A4 and custom paper sizes.

Multiple Uses

PRO Meta to PS can be used for applications such as:

- Printing Xerox LCDS and metacode output on any PostScript-compatible printer
- Viewing
- Selective reprinting.
- Archival/Retrieval.
- Proofing

The Best Approach

PRO Meta to PS is the best approach because it provides the following:

- A truly production-ready solution for high volume usage.
- Outstanding performance combined with exceptional quality.
- Elimination of duplicate infrastructure.

- A choice of platforms that includes UNIX, AIX, MVS or Windows.
- An open product that can be utilized in any output management strategy.
- The least cost combined with the best architecture.

With the **PRO Indexer** option index files or database commands can be created while the conversion is being done.

With the **PRO Document Enhancer** option, documents can be modified to meet changing needs while they are being converted to PDF. Pages, text field, form fields, hyperlinks, bar codes and OMR marks, can be added, modified and suppressed, saving costly application program changes.

Flexible Resource Management

The key to the power and flexibility of **PRO Meta to PS** is the way it manages print resources. **PRO Meta to PS** handles all LPS DJDE/JSL functions and dynamically converts print resources, as needed into PostScript resources, thus optimizing and simplifying the implementation process. Xerox fonts can either be automatically converted to PostScript bitmap fonts or mapped to PostScript Type 1 fonts. Xerox forms are transformed to PostScript forms, downloaded to a printer and accessed as needed. IMG images are converted to PostScript images, which are embedded in the output PostScript file.

Multiple Platforms

PRO Meta to PS runs on the following platforms:

- Windows XP, NT, 95, 98, 2000, 2003
- AIX
- Solaris
- Linux
- HP-UX
- z/OS, OS/390, MVS

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 support.

Options Provide Excellent Value

The following options can be used with **PRO Meta to PS**

- * PRO Indexer
- * PRO Document Enhancer
- * PRO JES Spool Extraction Facility
- * PRO JES to FTP
- * PRO Transform Manager

Features & Benefits

Superior Image Fidelity

With **PRO Meta to PS**, Custom fonts and logos are dynamically transformed to PostScript, providing superior image fidelity.

Output PostScript Optimized for Performance

With **PRO Meta to PS**, output PostScript is optimized for production speed performance. This ensures that you will get the best return on your printer hardware investment.

No Need for Costly Application Changes

PRO Meta to PS provides a smooth migration path for Xerox printer customers who want to move their applications to PostScript printers without making costly application changes. This can save you significant time and resources.

Simplified Implementation Process

The key to the power and flexibility of **PRO Meta to PS** is the way it manages print resources. **PRO Meta to PS** handles all LPS DJDE/JSL functions and dynamically converts print resources, as needed into PostScript resources. This simplifies the implementation process.

Supports All Xerox Centralized Printer Capabilities

PRO Meta to PS supports all of the Xerox centralized printer capabilities as well as highlight color mapping, multiple copy printing, tumble, duplex or simplex printing, stapling and Letter, Legal, A4 and custom paper sizes. This ensures that you will get the best return on your printer hardware investment.

One Printer for Both Formats

PRO Meta to PS allows a single print infrastructure to be used for printing PostScript as well as LCDS and Metacode output for production or for proofing. This can result in huge savings in hardware, people, resources, maintenance and floor space costs.

Flexible Resource Management

With **PRO Meta to PS**, Xerox fonts can either be automatically converted to PostScript bitmap fonts or mapped to PostScript Type 1 fonts, providing the utmost flexibility and quality.

Best Possible Shading

Shading patterns can be adjusted to get the best possible appearance on PostScript printers.

Platform Independence

PRO Meta to PS runs on a multitude of platforms that includes UNIX, MVS, AIX and Windows. This ensures that you can install your transform where you need and reap the benefit without delay.

Highlight Color Support

PRO Meta to PS supports Xerox highlight color capabilities. Xerox colors can be easily mapped to RGB colors. Thus giving you outstanding fidelity. This feature can be used to print applications on

highlight color PostScript devices or it can be used to convert highlight color applications to full color output.

This can make it cost effective to add color to existing applications.

Input Tray Mapping

PRO Meta to PS lets you map Xerox tray references to PostScript media selections. This gives you the utmost in flexibility.

Indexing

With the optional **PRO Indexer** plug-in, external index files can be created simultaneously with the PostScript creation. These index files can be in any format, contain any information and can greatly simplify the process of managing the PostScript files.

Enhancement

With the optional **PRO Document Enhancer** plug-in, documents can be modified to meet changing needs while they are being converted to PostScript. Cover pages, text fields, form fields, hyperlinks, bar codes and OMR marks, can be added, saving application program changes. As well, font and color changes can be made, fields can be moved or suppressed.

Automation

With **PRO Transform Manager** or **PRO JES Transform Manager**, the process of selecting files for conversion and the management of the process and handling of the output files can be fully automated.

Product Specifications

Print Stream Support

PRO Meta to PS is based on the **PRO Meta** interpreter that supports all of the Xerox centralized printer capabilities including:

- Xerox metacode output from applications such as DocuMerge, Compuset, CSF and XICS
- LCDS print streams
- Dynamic Job Descriptor Entries (DJDE)
- Job Source Language (JSL)
- Highlight Color applications

In addition, **PRO Meta to PS** has been enhanced to be a replacement for the Xerox Remote Print Management Facility (RPMF) Print Management Utility (PMU).

Resource Support

PRO Meta to PS contains support for an extensive array of Xerox print resources including:

- Xerox fonts (FNT)
- Xerox logos (LGO)
- Images (IMG)
- Forms (FRM)
- Job Source Language (JSL)
- Page Descriptor Entries (PDE)
- Copy Modification Entries (CME)
- Job Descriptor Entries (JDE)
- Highlight Color resources

Font Handling

Superior font management is the key to providing a successful print transform program and **PRO Meta to PS** provides the utmost flexibility for font utilization.

PRO Meta to PS provides several methods for handling fonts, which can be mixed and matched as appropriate. The user can:

- Automatically convert Xerox fonts into PostScript fonts and download them to the printer with each job. The **PRO Meta to PS** font conversion utility supports the conversion of fonts from the Xerox centralized print format into standard PostScript Type 3 bitmap fonts.
- Provide a table to map between Xerox fonts and PostScript fonts **PRO Meta to PS** offers an option of mapping Xerox fonts to PostScript fonts. This eliminates the need for downloading the soft fonts in the document when they are needed. This option can be used for Xerox fonts which have equivalents in PostScript fonts.

Logo Handling

As with fonts, **PRO Meta to PS** provides the utmost flexibility for Xerox logos (.LGO) utilization. **PRO Meta to PS** provides the same methods of handling logos as it does for fonts. These methods can be mixed and matched as appropriate for different logos and applications. The user can:

- Automatically convert Xerox logos into PostScript fonts and download them to the printer with each job
- Provide a table to map between Xerox logos and PostScript printer based fonts

Image Handling

PRO Meta to PS automatically converts Xerox images and .IMG files into PostScript compressed images and embeds the images in the output PostScript file. The user can optionally have **PRO Meta to PS** store the converted PostScript image in a library for future print jobs, thus increasing performance.

Form Management

PRO Meta to PS provides a very efficient and simple method of managing Xerox forms (.FRM). Xerox forms are stored in a library on the host. During the transform process, these forms are loaded, as they are needed. **PRO Meta to PS** then accesses any resources that are needed for these forms and processes them automatically. Finally, the text on each form is put into a PostScript resource object which is stored in the printer and accessed when it is needed in the document.

Output Format

The output PostScript can be optimized through a number of run-time options which control the way that fonts are managed and the way that the PostScript is constructed. For example, shading patterns can be made darker or lighter as needed.

Transform Control Options

Because **PRO Meta to PS** was designed with an extensive set of control options, every facet of the transform process is controlled. Therefore, **PRO Meta to PS** is a fit for many different environments.

PRO Indexer option

The **PRO Indexer** option allows users to select and extract pertinent data from within the print-stream while a document is being processed. The generated Index files can be in a variety of formats including Comma Separated Variables (CSV), Fixed Length Records and a User Defined File Format. Any number of index keys can be extracted. After selection, fields can be manipulated as required before being written to the index file. The PRO Indexer can also be used to "scrape" all or selected fields of text and place it in an index file or text file.

PRO Document Enhancer option

The **PRO Document Enhancer** option allows the manipulation of 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 fields to pages including OMR marks with integrity counts, barcodes, and control numbers.
- Adding slip-sheets between documents for easy statement separation.
- Suppressing OMR marks, barcodes and text fields.
- Suppressing images.

PRO Text option

The **PRO Text** option allows users to create text files from LCDS metacode files, which contain all of the text from the original input file. In addition, this output file can identify the actual fonts used for each field. This text file can be used for display on 3270 screens without graphics capability. These files can also be used with software that cannot handle LCDS metacode formatted data.

Audit Log

The **Audit Log** option allows users to log the details of the file conversion process. This can be used as a record of the contents of the LCDS metacode file. The user controls the contents of this log, which can contain fields from the print data, such as account numbers, policy numbers, invoice numbers, customer names and other useful tracking information.

Statistics Log

The **Statistic Log** option allows users to log statistical information on the file conversion process. This includes a log of the parameters used, resources used, number of records processed, conversion time, and a wealth of other information.

System Requirements

PRO Meta to PS can be installed and configured by Crawford Technologies professional services consultants. For more information, contact us. System requirements are as follows:

Software Prerequisites

PRO Meta to PS runs on the following operating systems:

Windows

Windows XP, NT, 95, 98, ME, 2000, 2003

AIX

AIX, version 4.2, 4.3 and 5.0

UNIX

Solaris, version 2.6, 7 and 9

HP-UX, version 10 and 11

Red Hat Linux

MVS

OS/390, z/OS

Hardware Prerequisites

Computer

PRO Meta to PS requires a computer capable of running the software described above.

