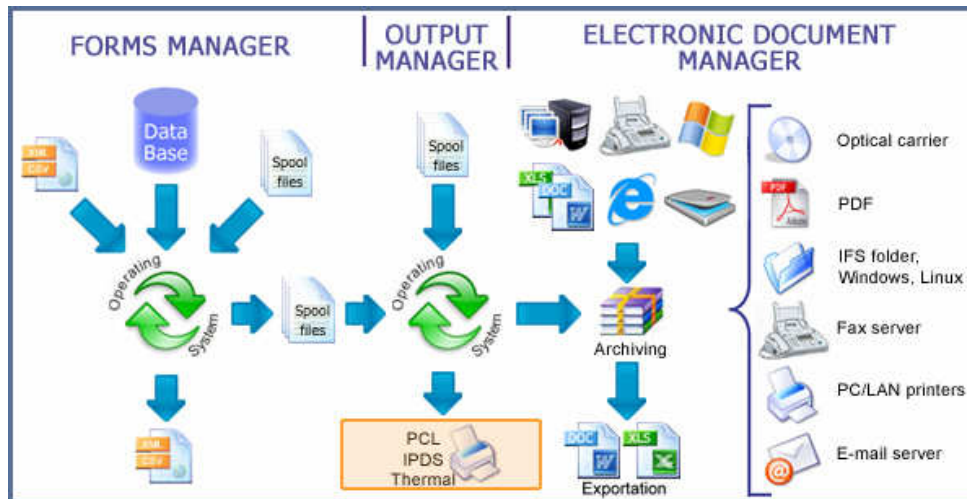


MAPPING: PRINTER MANAGEMENT



Product highlights:

- **Automatic table generator.**
- **Windows fonts, colors.**
- **Bar codes.**
- **Variable lines, rectangles and logos.**
- **Drag & Drop directly from your spool files to formatted documents.**
- **Preview function.**
- **Mailing function similar to Office.**
- **Label generator.**
- **Interfaces with database.**
- **Insertion of graphs (pie, bar and line).**
- **Insertion of envelope codes for automatic document folding.**
- **Dynamic management of images (link with the files containing logos, signatures...).**
- **Conditional logic of all the objects.**
- **Extensive on-line help.**

PRINTER MANAGEMENT ON ISERIES :

MAPPING manages printers through the OS/400 printer manager. Any connected printer can be managed irrespective of the connection type or configuration. The only limitations to printer management would be due to the printer language or tray management capabilities themselves. There is no need to redefine all your printers within MAPPING, only those that are utilized other than in their default mode (i.e. printer language other than the default, or special tray management options). You have access to all your connected printers with MAPPING. MAPPING Suite will send output to each printer in the language used by that printer.

Tray management depends on the **make** and **model** of each printer. Through MAPPING, you configure your tray handling needs according to printer type. Output is then directed to each tray(s) according to the rules that you define.

UNIX SYSTEMS:

The company has completely rewritten a **spool management module for UNIX**. You entirely declare the printers you wish to address.

Mapping Suite: a user-friendly solution
to reach zero paper and manage your documents.



Printer configuration is based on the **LPD/LPR** protocol. Using this protocol allows the printer to receive editions more easily from **any platform**. You can thus manage **output queues** corresponding to one or more printers. In this way, you manage printer functions of **automatic back-up** (the printer is used only when the main one is not available) and of **load-balancing** (the first available printer is used) with **automatic rerouting** of the editions in case of error.

Printer configuration, definition, and management rules in MAPPING are done through an administration mode or through a **Web browser**, allowing a quick and easy handling of the application as well as a maintenance and a centralized administration.

SPOOL MANAGEMENT ON AS/400 - iSERIES :

The MAPPING Suite Spool Manager is an extension of the **Spool Manager that ships with OS/400**, with classic functions which users demand, like "Display", "Hold", "Release" and "Stop" an edition, as well as the ability to reprint it from a particular page and change its output queue. The "Display" and "Re-Print" functions are limited by OS/400 to **"SCS"** and **"AFPDS"** spool files. MAPPING Suite allows you to manage these functions for **all types of spool files**, ASCII included.

The **MAPPING** spool manager is above all a rules engine that allows you to **automatically process** your spool files **according to attributes** of the spool file generated by your applications. These processes can include one or many OS/400 commands. For example you can apply an overlay to a document which you can also sort, split, redirect on any printer, E-Mail depending on the type of document, the user...**MAPPING** allows you to **automate** completely your production.

SPOOL MANAGEMENT ON UNIX :

The company has completely rewritten a **user friendly Spool Manager**, based on its experience with the AS/400. Users need to be able to **Display, Hold, Release, Stop, Re-print** from a certain page, and **change** output queues for their own print jobs depending on their rights on the editions. **MAPPING OUTPUT MANAGER** allows users to perform all these functions using a simple **web browser**. Using a web browser allows for **rapid and simple deployment** and understanding. It also enables **centralized administration**.

SORTING/SPLITTING SPOOL FILES:

Sorting or splitting your spool files depending on one or several criteria allows **printing remotely** and **on several printers** (by agency, by department, ...) or helps to prepare the file distribution through other media (PDF*, E-Mail, fax...).

JOINING SPOOL FILES:

Joining files depends on one or several criteria. It enables the creation of folders. It makes document management easier: **automatic E-Mailing, filing, multiple printings**.

AUTOMATIC DOCUMENT FOLDING :

The principle of **automatic document folding** offers the following advantages :

- **no more time lost** doing manual folding.
- **savings:** quicker dispatching of your documents.
- **better communication** with your customers.
- **secured and reliable** process.

*Mapping Suite: a user-friendly solution
to reach zero paper and manage your documents.*



Thanks to **MAPPING Suite**, you insert **codes** (OMR, KERN or bar codes) in order to enable the folding machine to put your documents into envelopes. Thanks to the **Sorting/Joining/Splitting option of MAPPING**, you can prepare your documents for them to be folded and sent

- **joining documents** of different kinds to send them to one recipient.

- **splitting** a file according to the number of pages per letter so as to separate automatic from manual mailings and to **simplify the stamping**.

- sorting and splitting spool files using the zip code for instance **to prepare the mailing**

MAPPING manages various printer languages, **natively** : flows are directly created in the printer language without any converter. Depending on the destination printer, the spool manager uses the format corresponding to the printer language. The document design application also has limited functions depending on the generation languages used: for instance, **thermal languages** do not have the same graphic resources than **PCL** language. In addition to printing languages, **MAPPING** also allows a user to create output files in PDF*, image or XML format.

PCL

The language used by **MAPPING** is **PCL**, allowing any kind of **graphic presentation** with reduced file size, communication with printer bins and functions like stapling, punching...

AFPS

The **AFPS** flow is used for **IPDS** printers, usually dedicated to **high printing volumes**. In this case, you need PSF400 when working on OS400 or Infoprint Manager on Unix to drive **IPDS** printers.

THERMAL

MAPPING can print on almost any **thermal** printer. As we do for other languages, **MAPPING** sends files directly in the printer language without any driver.

Thermal Languages Managed by Mapping :

- **ZEBRA :** ZPL2
- **ELTRON :** EPL2
- **INTERMEC :** Intermec Direct Protocol (Fingerprint)
- **DATAMAX :** Datamax Programming language
- **TEC :** New Generation commands (after 1995)
- **IGP :** Intelligent Graphics Printing

RFID

On printers which have the proper option, **MAPPING** allows to encode **RFID** chips which are on the printing substrate. The **RFID** flow is encapsulated in the normal printing flow and the chip is encoded during the printing.

Bar Codes managed by Mapping :

- **EAN-13**
- **EAN-8**
- **Code 39**
- **Code 39 without control**
- **Interleaved 2/5**
- **Industrial 2/5**
- **Optimized Alpha Code 128 (except for thermal languages)**
- **Non optimized Alpha Code 128**
- **Numerical Code 128**
- **Optimized Alpha EAN 128 (except for thermal languages)**
- **Non Optimize Alpha EAN 128**
- **Numerical EAN 128**
- **PDF 417 (only in Zebra)**

Minimum system requirements for MAPPING

Development environment	Production environment
Windows 98, Me, NT, 2000, XP	Windows server (NT or higher) - AIX (4.3 or higher), SUN (8.0, or higher), HP-UX (10i or higher), RedHat (9.0 or higher), Suse (9.0 or higher), iSeries (3R7 or higher)
Pentium III or higher 128 MB RAM 20 MB disk space Connection to the production platform	Type of processor, RAM and disk capacity to be estimated depending on volume. Need for a proper client database.

