

*Distributed mission-critical printing  
across an enterprise.*



## InfoPrint Manager and SAP R/3

A large, international corporation is committed to SAP® R/3® to manage their data processing across all departments. They especially appreciate the SAP R/3 option provided by IBM® InfoPrint® Manager. InfoPrint Manager and SAP R/3 combine to provide a robust solution that manages all printing the way SAP R/3 manages and keeps track of their entire business, from external documents sent to customers, to reports created for internal distribution and printed at the desktop. Because InfoPrint Manager can manage both the high-end production printers and the low-end desktop (network) printers, it meets their needs as no other print application on the market today.

### **Robust Integration of SAP R/3 with InfoPrint Manager**

SAP R/3 has become a popular choice for medium- to large-sized companies that require an integrated software product to provide basic business automation. The R/3 client/server application provides a series of integrated modules that span the major functions of finance, manufacturing, sales, distribution and human resources.

You can add InfoPrint Manager servers to your SAP R/3 print enterprise without modifying your existing SAP configuration. Simply install an AIX® client on your SAP server system, and InfoPrint Manager will recognize your existing lpr-based print and query commands. To use this support, configure Access Method L.

You can add InfoPrint Manager servers to your SAP R/3 Version 3 print enterprise to print both the native Output Text Format (OTF) data stream and the native Advanced Business Programming Application (ABAP) line data stream as Advanced Function Presentation™ (AFP™) output on production printers. To use this support, configure Access Method Z.

You can add InfoPrint Manager servers to your SAP R/3 Version 4 print enterprise to print all data streams. Users receive enhanced job status from the SAP R/3 system. To use this support, configure Access Method E and define InfoPrint Manager as an Output Management System for your SAP R/3 Version 4 enterprise.

### **Highlights**

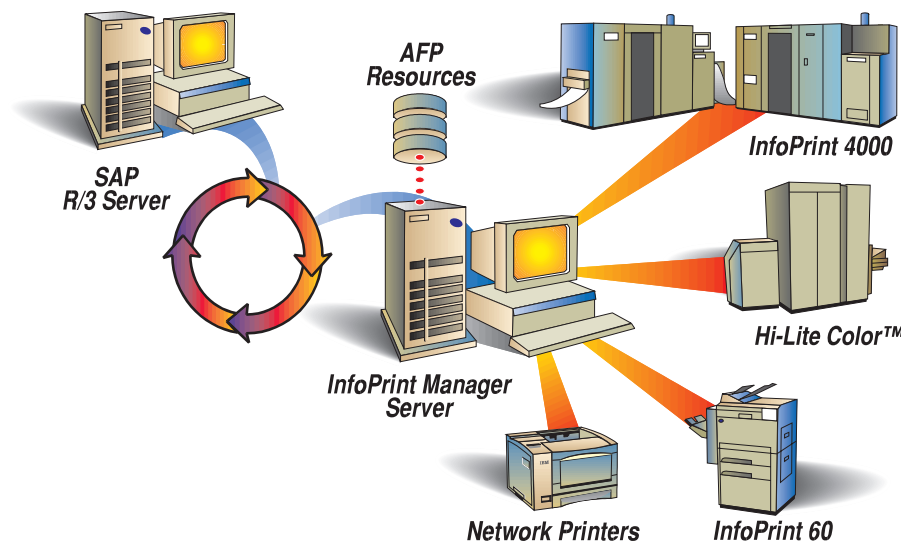
- **Robust integration of SAP R/3 with InfoPrint Manager**
- **Reliable notification about job status to SAP R/3 Users**
- **Add electronic forms, logos and electronic signatures to your text documents**
- **Reliable management of the print environment**

IBM InfoPrint Manager provides support for the latest levels of SAP R/3, using a variety of Access Methods. Support for SAP Version 3 is provided through Access Method L when printing either PostScript® or PCL files, or through Access Method Z when printing OTF or ABAP files. Any of these data streams can be printed in your SAP Version 4.0 enterprise using Access Method E.

### **Reliable Notification about Job Status to SAP Users**

Until SAP R/3 Release 4, the SAP R/3 spool process provided little feedback to users about jobs sent to print. When a job disappeared off the queue, the SAP spool process considered it complete, regardless of whether it printed or not!

With SAP R/3 Release 4 and InfoPrint Manager Release 3.1, you can define



InfoPrint Manager as an Output Management System and receive input on the jobs that you have submitted for printing. InfoPrint Manager allows an SAP user to:

- Receive notification of a job's processing status
- Cancel one or more jobs
- Query the status of one or more jobs
- Query the status of an InfoPrint printer and its jobs

### **Add Electronic Forms, Logos and Electronic Signatures to Text Documents**

The Advanced Function Presentation (AFP) data stream that emerges from the InfoPrint SAP transform contains text records that you can enhance through the addition of electronic forms, logos and electronic signatures. In addition to the AFP resources, the InfoPrint Manager SAP transform has been enhanced to support both raw image data (bitmaps images) and box shading. The expanded support for different levels of box shading and the print images that SAP R/3 users have come to expect and appreciate provides a strong industry standard for printing from SAP R/3. Print SAP color images using the native Output Text Format (OTF) data stream in either one, four or eight-bit pixel images: InfoPrint Manager can handle it all!

Customers using SAP R/3 Version 4 with the Generic Output Format (SAPGOF) generated data streams that contain Version 2 of both ABAP and OTF data, will also appreciate the double byte character set (DBCS) enablement. InfoPrint Manager 3.1 now supports the Shift-Jis Japanese PC language. InfoPrint Manager allows a world-class set of business application modules designed for a client-server environment the ability to achieve world-class printing.

### **Reliable Management of the Print Environment**

With InfoPrint Manager's InfoPrint AIX server, you can manage printers and devices from a single point of control. You can track and manage jobs across your enterprise from job submission to printed output. When output does not print, operators no longer have to determine whether or not a spool request was generated. Instead of having to walk over to the printer, they can use the InfoPrint Manager graphical user interface (GUI) to pinpoint where in the process the job is delayed and determine the appropriate action to resolve the problem. InfoPrint Manager provides automatic workload balancing among printers that you have

defined with the same characteristics. For more information about how to configure printers and monitor printing across an installation, see IBM InfoPrint Manager: Administrator's Guide.

### **Scalability of Printing across an Enterprise**

InfoPrint Manager allows SAP R/3 customers to access the full range of IBM InfoPrint printers (low-speed to high-speed; simplex or duplex, continuous forms or cut sheet) as well as other printers, such as Hewlett-Packard and Lexmark. You can leverage your investment in printers by sharing your InfoPrint-managed printers with other host and LAN-based applications. InfoPrint Manager provides the SAP R/3 enterprise with comprehensive print management across an enterprise of any size.

---

### **IBM InfoPrint Manager: SAP R/3 at a glance**

---

#### **Software Prerequisites**

- SAP R/3 system Version 3 and higher (or Version 4 for DBCS and job notification)
- AIX operating system Version 4.2.1 on either a uniprocessor or a symmetric multiprocessor (SMP)
- SAP Print Feature selected from the InfoPrint Installer for Version 3 Release 1
- InfoPrint Manager Version 3 Release 1 AIX client installed on the SAP R/3 system

---

The following terms are trademarks of IBM Corporation in the United States and/or other countries: IBM, Advanced Function Presentation, AFP, AIX, Hi-Lite Color and InfoPrint.

PostScript is a trademark of Adobe Systems, Inc.

Other company, product and service names may be trademarks or service marks of others.

R/3, SAP and SAPscript are registered trademarks of SAP AG.



© International Business Machines Corporation 1998

IBM Corporation 1998  
IBM Printing Systems Company  
Dept. HT7001H  
P.O. Box 1900  
Boulder, CO 80301-9191  
Printed in the United States of America  
8-98  
All Rights Reserved  
USA customers only

References in this publication to IBM products or services do not imply that IBM intends to make them available outside the United States.

Visit our home page at  
[www.printers.ibm.com](http://www.printers.ibm.com)



G544-5653-00