

Store it where everyone can find it.



Information Storage and Retrieval

A commercial print shop gets an order from a customer to reprint a book they printed months ago. Since the job ticket and all its associated files had already been archived in IBM® InfoPrint® Library, they used the IBM InfoPrint Submit application to quickly retrieve the job. The new print job requires that two new files be inserted into the book, so the operator makes these changes to the job ticket and submits the job using InfoPrint Submit. The operator then archives the new job ticket and associated files back into the library.

The customer calls again and asks for 500 more copies of the same book. They quickly retrieve the job from the library. The job ticket shows that the RIPped files were saved and archived in the library. Since there are no changes to the job, InfoPrint can use the RIP file for printing, thus saving the time and cost of re-RIPping the files.

Professors at the local university store their customized course materials in the IBM InfoPrint Library for the Web so that their students can print them. They control

access to their course materials using the student's university ID. Students use a Web browser to access the library and find the files. When the students want to print copies, they access the library, find the files and submit them using InfoPrint Manager for the Web.

Store and Retrieve Jobs and Associated Files

InfoPrint Library for the Web

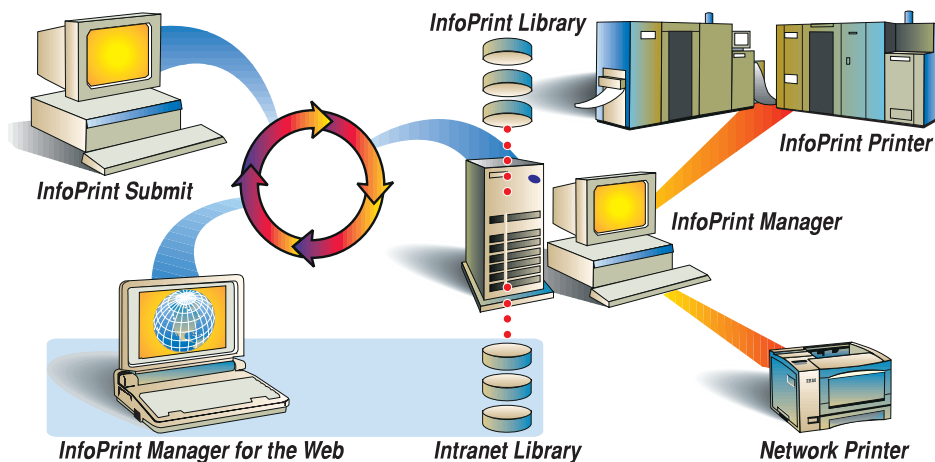
- Enables casual users to find, print, store, view and manage their print information right from their Web browsers.
- Stores files and printing options produced by InfoPrint Manager for the Web. Casual users can locate and submit jobs over the network.
- Stores all data on secure server.
- Stores any kind of document used for printing.
- Archives data and resource files.
- Searches for archived print jobs and files based on date, author, job title or print attributes.
- Retrieves files for print submission.

Highlights

- **Allows sharing of documents across users, organizations and locations**
- **Stores printing options with the documents for easy reprinting using InfoPrint Submit or InfoPrint Manager for the Web**
- **Allows a wide variety of extended storage devices with optional ADSM for AIX**
- **Protects your information with state-of-the-art security**
- **Provides search functions making documents and jobs easy to find and retrieve**

InfoPrint Library

- Provides a long-term archival solution for customers with lots of data they want to archive and still be able to recall the data for reprinting at a later time. This solution provides maximum control over complex print documents.
- Stores job tickets and jobs produced by InfoPrint Submit or InfoPrint Scan, which support full document assembly for commercial print shops. Operators can set print attributes for individual documents in a print job.
- Stores data in a shared file system and tracks it in a database.
- Stores job tickets and associated files used to print the job; these files can include source files in any data stream format, PostScript® files and RIP files, depending on options set in InfoPrint Submit.
- Archives the entire print job as a package or bundle so that users do not need to associate files with jobs.



- Searches for jobs or files based on job and file keywords you provide when you archive the job. Up to 200 bytes per key can be specified.
- Retrieves the entire print job or individual files from the library for print submission using InfoPrint Submit. Retrieved files can be included in other print jobs and then stored with a new job ticket name.

Archive Your Documents in a Secure Library Using Low-cost Storage Media

InfoPrint Library for the Web

- Provides state-of-the-art security with easy-to-use administrative functions to ensure document security and integrity. Library access is controlled by the use of assigned user names and passwords. Users are defined using the interface.
- Optionally uses ADSM HSM (hierarchical storage management), which provides automatic migration of files from the AIX® system to less expensive storage systems supported by ADSM, including magnetic disk, optical disk or tape.

InfoPrint Library

- Provides AIX-based security with groups of users having permissions (archive, retrieve and delete) and administrative functions to ensure document security and integrity. Users are defined in the database.
- Optionally uses ADSM HSM (hierarchical storage management), which provides automatic migration of files from the AIX system to less expensive storage systems supported by ADSM, including magnetic disk, optical disk or tape.
- Uses the DB2® for AIX product (a relational database product) to index files, thus providing reliable document search and retrieval for reuse.

Set Up and Customize the Library

InfoPrint Library for the Web

- Requires no unique client installation because access is through Netscape and Internet Explorer®. This means that remote access (for example, company-wide or worldwide) is much easier.
- Can be customized by IBM technical experts. Contact your PSC representative for details.

InfoPrint Library

- Requires that client code be installed for each Windows® or Macintosh user because the InfoPrint Library is designed to work with InfoPrint Submit. Library code may reside on the same computer as the

InfoPrint Multiple Printer Controller (MPC) or on another AIX server.

- Provides fully customizable search retrieval panels that allow searching for specified fields (for example, by customer name, date, job name). Users can define keywords for files or jobs (up to 200 byte limit) and use these for searches. Sort features let users sort on column data (up to three columns).

Scalability

ADSM allows you to automatically manage your storage space. Older jobs can be migrated to less expensive storage devices and still be easily accessible. More disk space or additional devices (supported by ADSM) or library servers separate from the MPC can be added.

IBM InfoPrint Manager: Information Storage and Retrieval at a glance

Software Prerequisites

InfoPrint Library for the Web

- IBM InfoPrint Manager for AIX version 2.1.1 must be installed on an AIX version 4.2.1 or later operating system.
- (Optional) ADSM for AIX Version 3.1 with possible extended device support and the Space Management Support feature.

InfoPrint Library

- InfoPrint Manager for AIX version 2.1.1 must be installed on an AIX version 4.2.1 or later operating system.
- DB2 for AIX version 5.0 (UDB) with a 5-client use pack.
- (Optional) ADSM for AIX Version 3.1 with possible extended device support and the Space Management Support feature.

Client Software Prerequisites

InfoPrint Library for the Web

- Windows 95™ or Windows NT™ operating system installed on your client system. May be installed on Macintosh or AIX operating systems, but with limited function (print submission is not supported).
- Netscape version 4.04 or later or Internet Explorer version 4 installed on your client system

InfoPrint Library

- Windows 95, Windows NT, or Macintosh operating system installed on your client system.
- Windows InfoPrint Submit clients must have either IBM DB2 Client Application Enabler for Windows 95 or Windows NT installed.
- Macintosh InfoPrint Submit clients must have the IBM DB2 client Application Enabler for Macintosh installed.

Hardware Prerequisites

InfoPrint Library for the Web

- IBM 4161 InfoPrint Multiple Printer Controller (MPC) Model 001 (minimum) or IBM RS/6000® with AIX operating system 4.2.1.
- Requires at least 210 MB of available hard-disk space on the InfoPrint server system for program files.
- Additional hard-disk space on the InfoPrint server system for files that will be printed and stored. The amount of space needed depends on the size and volume of these files.

InfoPrint Library

- IBM 4161 InfoPrint Multiple Printer Controller (MPC) Model 002 (minimum) or IBM RS/6000 with AIX operating system 4.2.1.
- Requires approximately 300 MB of available hard-disk space on the InfoPrint server system for program files and a minimal database.
- Additional hard-disk space on the InfoPrint server system for job tickets, their associated jobs, and retained jobs. The amount of space depends on the size and volume of these files.
- When using your Library component for archiving, you may use the same F50 RS/6000 machine (and its AIX terminal) that you use for InfoPrint, or you may purchase an additional RS/6000.

Optional Storage Devices (Requires ADSM for AIX)

InfoPrint Library for the Web

- Any device supported by ADSM version 3.1, such as the IBM 3175 MagStar Tape Library.

InfoPrint Library

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