



S P O O L V I E W S E R V I C E

The Spoolview family of software products is developed by Goldleaf's DataTrade Division to provide digital report management solutions to banks and corporations worldwide. Companies employ these products in-house or via outsource services to store and retrieve report information when and where it is needed. Spoolview Service is an outsource service that processes computer output to digital media, primarily CD and DVD, or stores the data in an on-line report archive for web-based retrieval.

Overview

Spoolview Service is ideal for corporations not wishing to operate and maintain an in-house report management system. Spoolview Service replaces fiche and paper — we can process reports to CD/DVD for the same price per page as fiche and much less than the cost of paper.

Reports are defined and indexed according to your needs. You send report data files to our processing center by tape or via secure, encrypted file transfer. After processing, the report output and the associated indexes, database and viewing software are burned to digital disks for distribution and fast, easy report viewing. Each CD/DVD is engraved with your company name, report names and processing dates.

Spoolview Service should not be confused with generic CD generation or image-to-CD products. All software used in the CD/DVD production is vintage Spoolview technology, containing a sophisticated processing and indexing engine, plus a full-function Windows search and retrieval system.

Benefits of Spoolview Service

- Provides a better way to store and retrieve reports.
- Replaces paper and fiche for reduced paper, printing and storage costs.
- Improves customer service— respond to customers immediately.
- Increases employee efficiency.
- Improves information flow.
- Eliminates misfiles, duplicates and search times.
- Multiple users have concurrent access to the same report.
- Provides an invaluable auditing and research tool.
- Significantly reduces photocopying.
- Centralizes control of report management while on-line retrieval is decentralized.
- Disaster recovery is easily accomplished.

Report Retrieval

Using Spoolview Service, reports can be retrieved one of three ways. In each case, DataTrade processes and indexes the reports as a service.

Spoolview Service

- Reports are processed by DataTrade and burned to individual CDs or DVDs.
- DataTrade sends an original and as many duplicates of the CD or DVD as requested.
- Users load the CD/DVD in the appropriate drive to view selected report data.

SpoolNet

- DataTrade processes the reports.
- DataTrade installs a SpoolNet retrieval server, with an attached RAID array or CD jukebox, on the customer's in-house LAN/WAN.
- For each processing cycle, DataTrade burns and sends to the customer a single CD that contains a setup program, the current reports and an updated index database.
- The customer uses SpoolNet to update the index database and add reports to their in-house server.
- Any authorized LAN/WAN-based PC user can have online access to any report.

SpoolWeb

- DataTrade processes the reports.
- A SpoolWeb retrieval server is maintained in DataTrade's service center for each customer electing to retrieve reports this way.
- Processed reports for each customer are transferred to that customer's server with the associated index database.
- Report retrieval can then take place by any authorized user from PCs via telecommunications or web connectivity.
- DataTrade burns one CD and one backup CD that is sent to the customer for archiving and disaster recovery.

Comparison to Paper & Fiche

Faster retrieval – Retrieve information in seconds rather than wasting time with paper and fiche.

Space savings – These digital media can store up to the following paper and fiche master equivalents:

One CD	400,000 pages	2,000 fiche
One DVD	2,800,000 pages	14,000 fiche
5.2 GB Optical	3,120,000 pages	15,600 fiche
20 GB Hard Drive	12,000,000 pages	60,000 fiche

Indexed searches – Spoolview lets you search any report using a combination of multiple indexed fields. Find information in seconds. Searches with paper and fiche are slow and must be done manually.

Fewer copies and prints – Don't print or copy any page until you actually need it.

Laser-quality duplicates – Spoolview provides laser-quality duplicates of reports, with overlays. Film and fiche copies typically are smudged and hard to read.

No specialized equipment – Eliminate high maintenance film and fiche readers.

Digital security – Spoolview provides multi-level password security. Paper and fiche are limited to physical restrictions.

Multiple user access – Spoolview provides multiple users concurrent access to the same reports. Paper and fiche allow one person to view one report at one time.

Multiple report access – Spoolview lets users find information by searching thousands of reports in a single pass. Paper and fiche require manual searches, one at a time.

Features & Functions

Search & Find

- User-defined Boolean logic queries.
- Index, wild card and text searches.
- Search multiple days/months/years across every report.
- Hard indexes in conjunction with text searches find all information in one pass.
- Save complex or frequently used queries.
- Last query instantaneously recalled.
- Sort, edit and print the hit list.
- Hyperlinking that allows you to click on common indexes and jump from one report to another.
- Global indexes for cross report search that gives users the capability to search for a single value across different reports.

Viewing Features

- Create custom views of reports by rearranging layouts.
- Report pages can be viewed, printed, faxed or e-mailed, with or without form overlays.
- Place reports in user-defined folders.
- Zoom, font control, cut and paste options.
- Optional green bar display on reports.
- Row and column locking.
- Fit-to-width, height and best-fit viewing options.
- View 132-position reports without scrolling.
- Append notes (private, priority or global). Advanced annotations, including arrows, boxes, ellipses, freehand drawings with text messages.
- Easily extract, format and export report information to spreadsheets, databases and word processing applications.
- Support for single or multiple page form overlays.
- Field level security with automatic redaction of sensitive fields

Print, Fax, E-mail & Export Functions

- Print, fax or e-mail with or without overlays (partial, single or multiple pages).
- Annotation links to external Windows-based databases, spreadsheets, word processors, WAV and AVI files.
- Easily extract, format and transfer specific report information to other applications

Other Goldleaf Solutions

Merchant Capture - In-house remote deposit solution provides commercial bank customers the means to capture check images and make electronic deposits. Licensed with no per item processing fees.

Remittance/Lockbox Processing - An image-based system that banks can use to provide such services to commercial customers. It can be located in the bank's data center or at the customer site with remote deposits transmitted on demand.

Branch Capture - From multiple locations, this system provides for scanning of All Items and secure transmission to the bank's data center for entry into the central check processing system.

Interactive Voice Response – Open architecture voice and speech response system, with multifactor authentication in accordance with FFIEC guidelines, allows customers to access information and initiate transactions by phone, 24 hours a day.

Conversion Services – Digital-to-digital conversion services for document and check images, statements, COLD reports and data.