



V5 Printing and e-Output Overview

Fitting output into the e-business equation

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Printing and e-output



Printing and e-output



create an
electronic document

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SUPERSEEDS.COM **INVOICE**

Sold To: **IMPROVED PRINTING CORP**
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CO 45789-2637

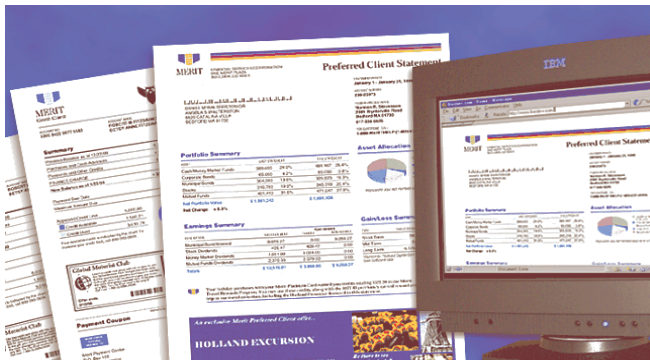
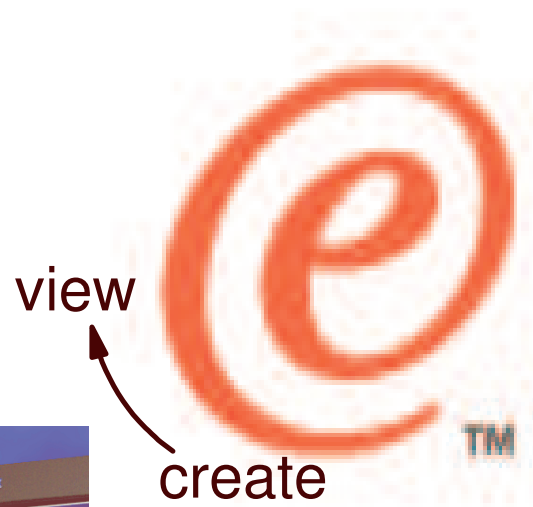
Ship To: **SAME**

Customer Number: 100 Invoice Number: 31300 Invoice Date: 3/26/01 Payment Date: 4/26/01

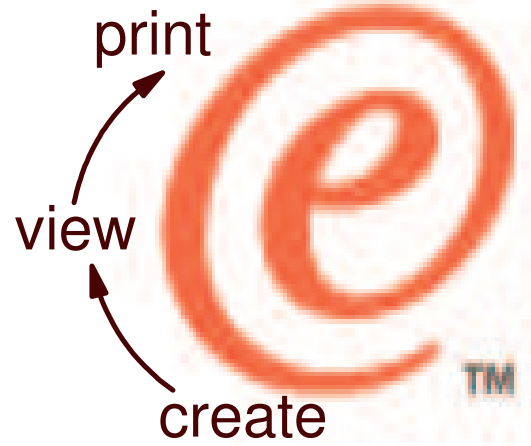
Ship Via: BEST WAY Shipped Date: 3/26/01 Terms: NET 30 Salesman: YOUR PRINTER REP

QTY	UOM	ITEM #	DESCRIPTION	PRICE	EXTENSION
1	CT	00000300	HIGH ALTITUDE WATERMELON	1.01	1.01
1	PK	01100517	SPARTAN SEEDS	2.39	2.39
9	PK	04569870	NORTHERN LITE BLUE SPRUCE	858.32	7,724.88
12	BX	11005004	BUSH GREEN SEEDS	2.50	30.00

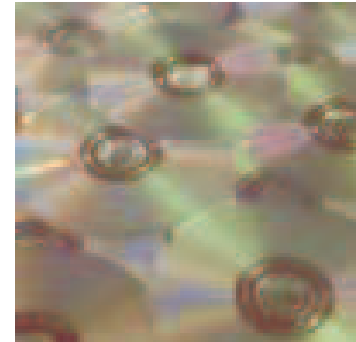
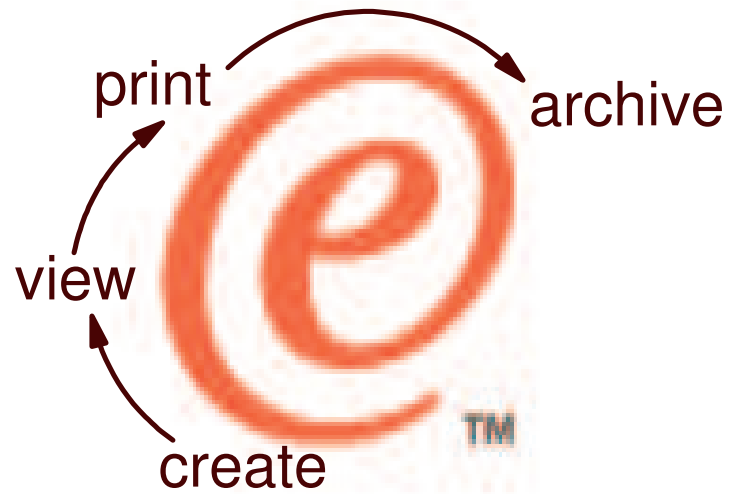
Printing and e-output



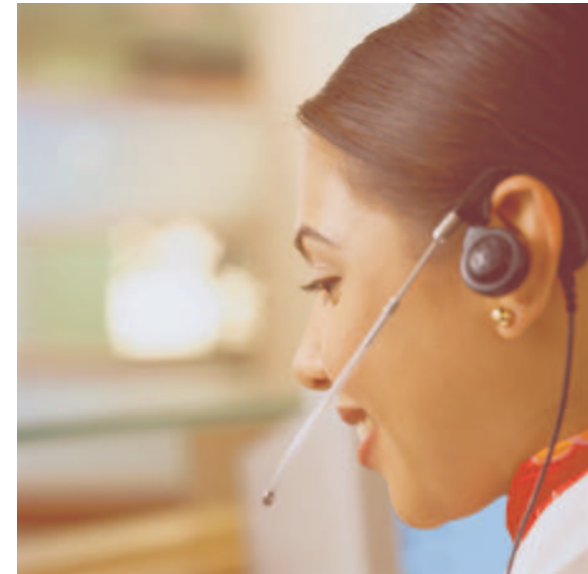
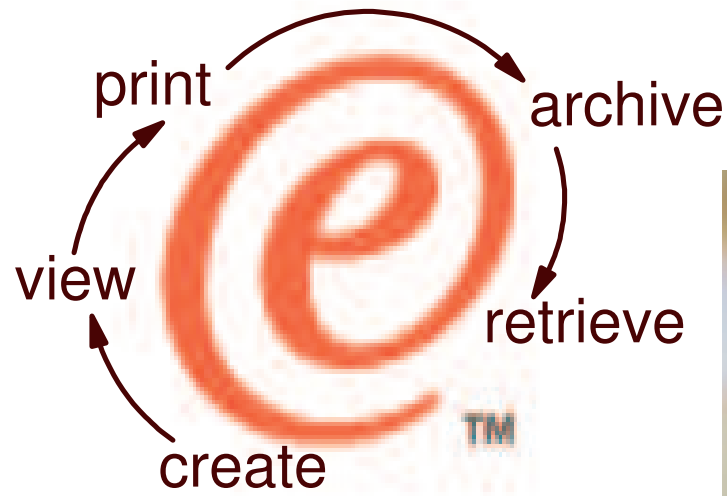
Printing and e-output



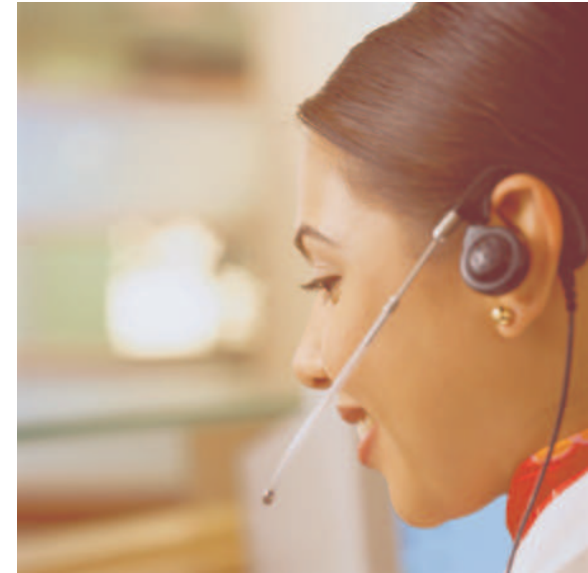
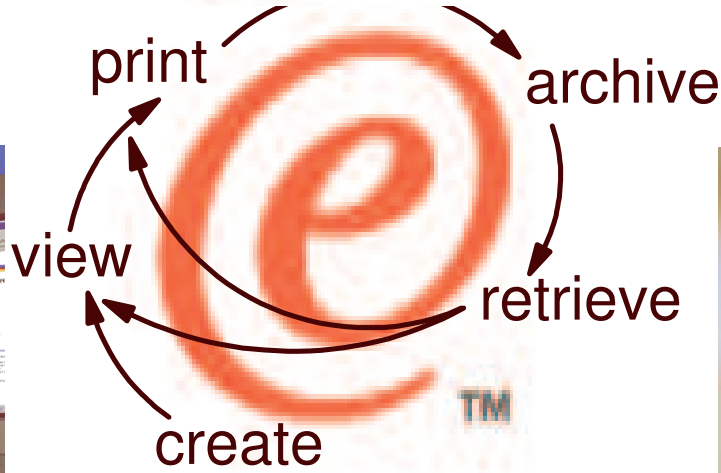
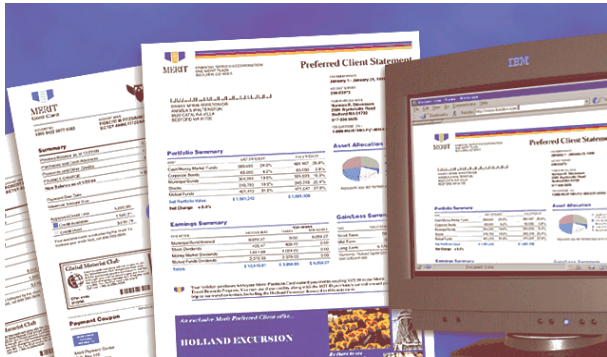
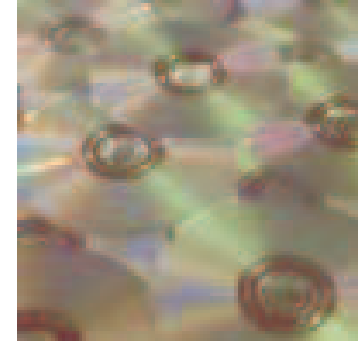
Printing and e-output



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Application Direction

- What is e-Output
- iSeries Output Primer
- Infoprint Server for iSeries
- iSeries Access, Web Access
- Infoprint Designer for iSeries
- Summary
- Additional Information

What is e-Output?

E-business is changing the face of business communications

- Traditional information methodology has been "print and distribute"
- Networks, Internet, and electronic documents are transforming this methodology
- Electronic documents mean:
 - Tie to preprinted form is broken
 - Flexibility in content
 - Flexibility in delivery
- Networks and Internet drives e-business process reengineering
 - Printing, if required, must take place later in the flow
 - Electronic documents and reports can flow as the process requires

The output of e-business - "E-output"

Ability to create fully electronic pages of information and deliver them to the desired destination in the desired format

Why e-Output applications?

e-business output is a very hot market space

- Nearly every customer has an immediate need to deliver pages electronically
- Larger customers have need to map current and legacy application output to multi-channel (print, fax, web, e-mail, wireless) delivery

Critical piece in providing an end-to-end e-business solution

Management of output is another area where iSeries excels over competition

- Avoid your customer moving critical functions off the iSeries "mainframe" to Unix or Windows

Application Examples

Design your business output

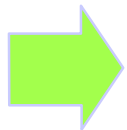
- **Scenario:** Your current output - statements, invoices, reports -- is inadequate.
- **Requirement** - You need to improve the content, appearance, and effectiveness of your communications and accomplish this in a productive manner without disruption.



Infoprint Designer for iSeries

Publish documents, reports to the Web

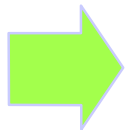
- **Scenario** - Monthly reports are sent out to departments in hardcopy. This results in significant time delays and increasing costs.
- **Requirement** - You would like to produce the reports in electronic format and enable immediate, online access.



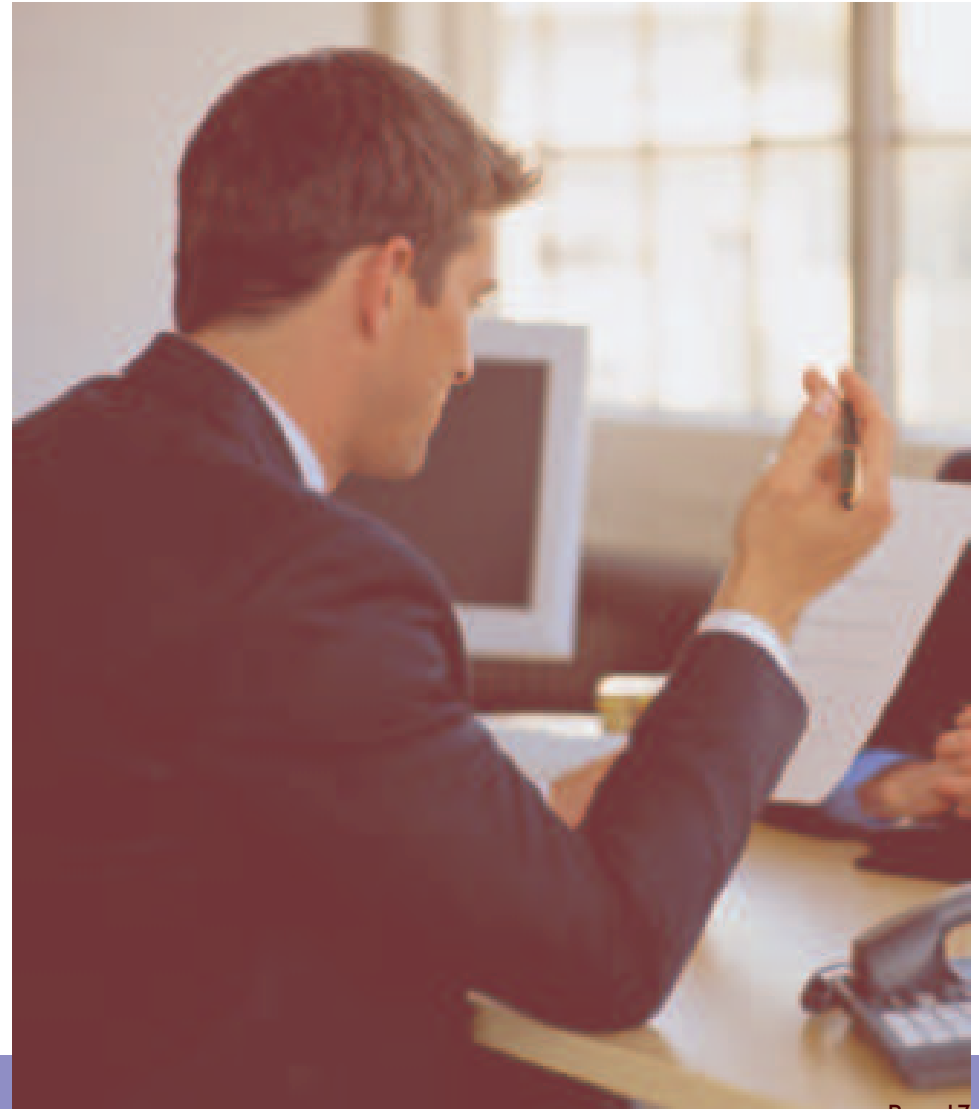
Infoprint Server for iSeries

Electronic Report Distribution

- **Scenario** - monthly sales reports are printed, manually separated and mailed to regional office managers.
- **Requirement** - Customer would like to automatically distribute and send the relevant reports to specific managers via e-mail.

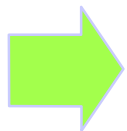


Infoprint Server for iSeries



Deliver customer documents via e-mail

- **Scenario** - Order entry has been re-engineered to the Web. However, the back end of the order process -- the order confirmation -- is still printed and mailed in hardcopy.
- **Requirement** - Customer would like to automatically segment order confirmations, retrieve e-mail data, and send immediately to customer.
- **Advanced Requirement** - need to define/profile multi-channel delivery on a customer/document basis.



Infoprint Server for iSeries

Consolidate enterprise printing

- **Scenario:** Customer has an ERP application which generates data in PCL format. They also have numerous network print applications and proliferation of desktop personal printers.
- **Requirement** - They would like to consolidate their printing, taking advantage of the speed, power and throughput of their high-speed iSeries system printer - plus the IPDS error recovery.



Infoprint Server for iSeries
IBM iSeries printers
PSF/400



Intranet electronic delivery

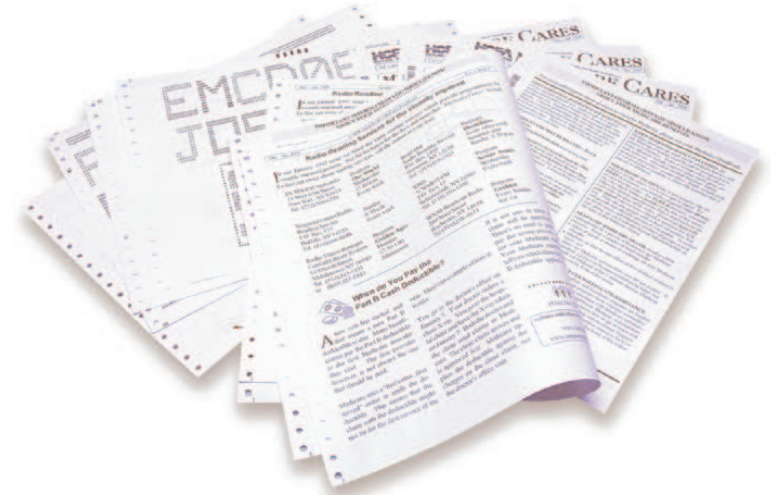
- **Scenario** - A company creates standard business documents and reports that contain images, overlays, and typographic fonts. The documents are then printed and distributed.
- **Requirement** - This company wants to take advantage of their intranet and distribute the documents electronically. However, the documents are AFP-based and need to contain the external resources for viewing and printing.



Infoprint Server for iSeries

Ad Hoc Report Request

- **Scenario** - Key customer has called and would like a recap of their orders for the past month. That data exists on a section of the monthly sales report by customer.
- **Requirement** - Be able to select that customer's data and e-mail the information immediately.



iSeries Access and Infoprint Server

Supply Chain Encoding

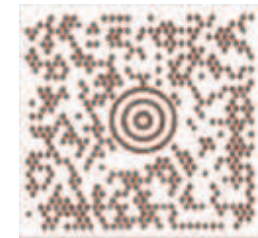
- **Scenario** - Distribution company does significant volume of shipments via UPS. It is critical that these shipments are delivered quickly and correctly.
- **Requirement** - UPS has developed a new two-dimensional barcode - Maxicode - for encoding packages. This barcode encodes all of the pertinent information associated with the shipment. Company would like to generate the barcode for all UPS packages.



PDF417



Datamatrix



Maxicode



Solution: iSeries Support for 2D Bar-coding

Integrate Web Image

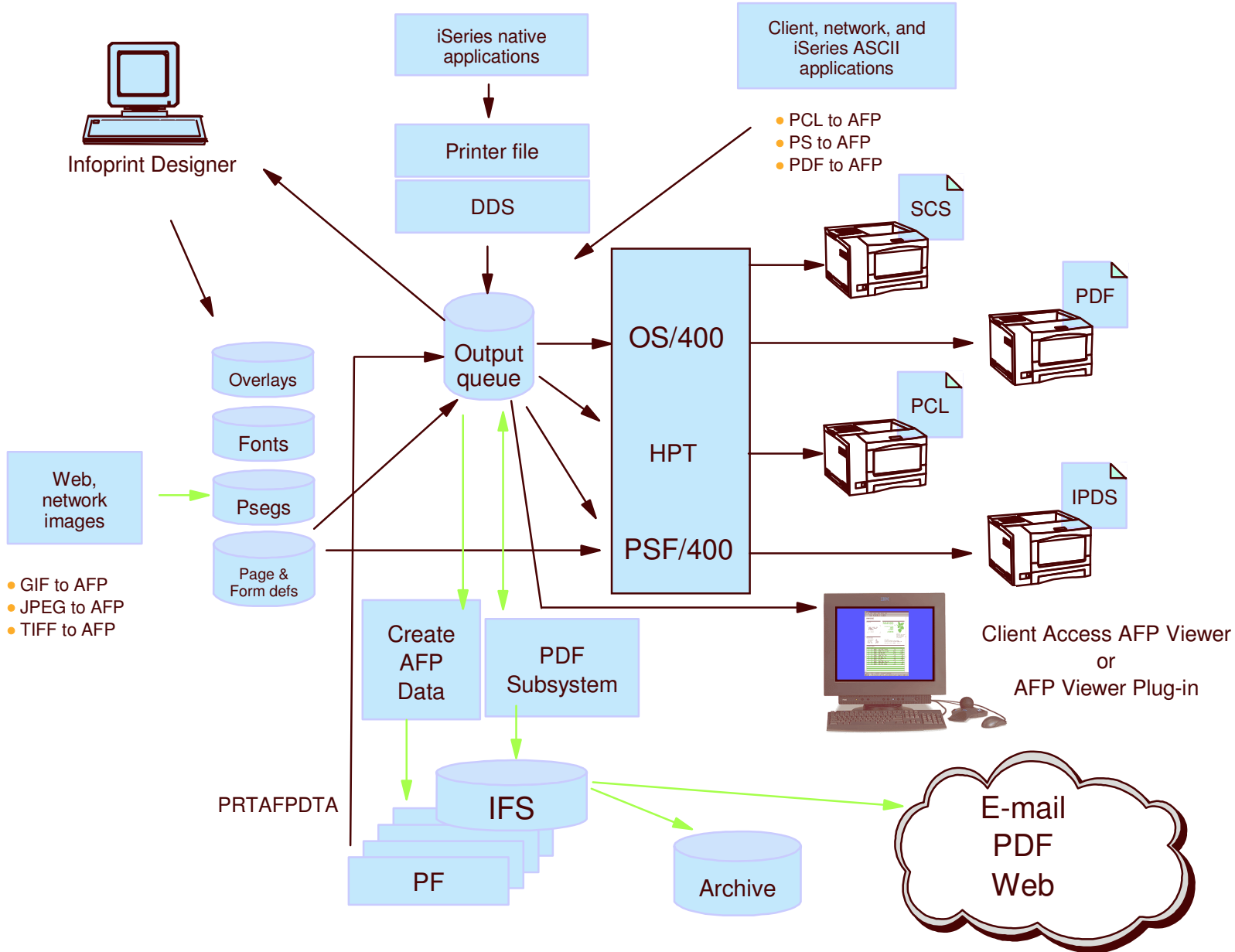
- **Scenario** - A manufacturer has an engineering drawing application on Windows NT that creates drawings in JPEG format. The manufacturer wants to be able to print the same drawing on a work order, but the work order is a line of business (LOB) document produced by the iSeries.



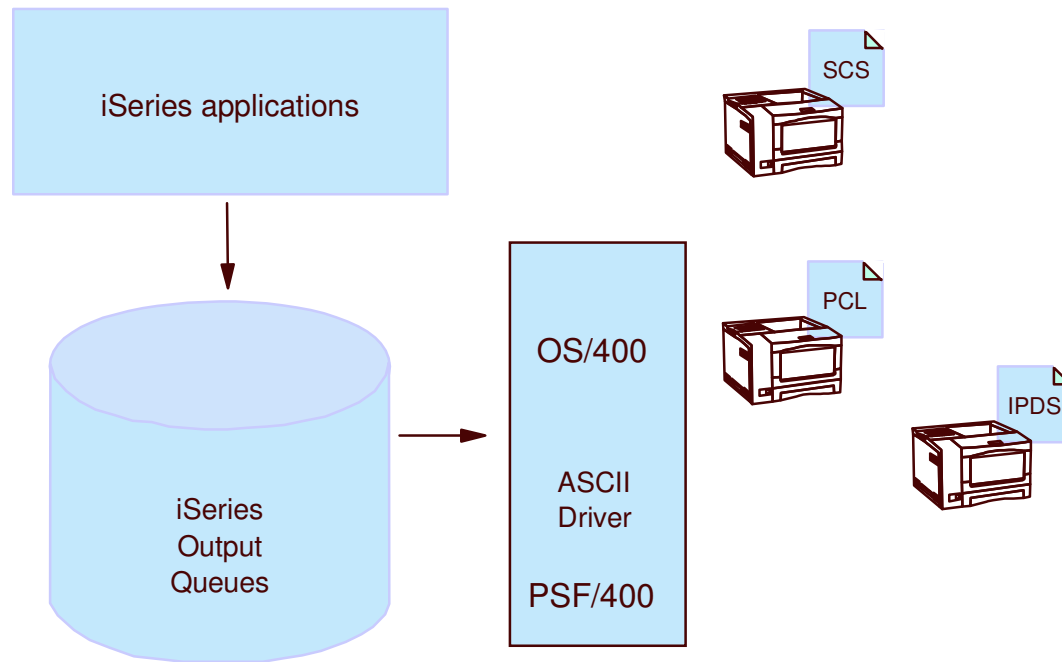
Solution: Infoprint Server image transforms

iSeries Output Primer

iSeries Output Architecture



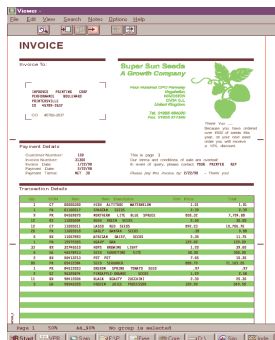
Core Print Architecture



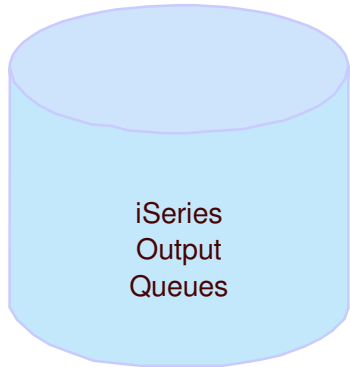
V5R1



Infoprint Designer



iSeries applications



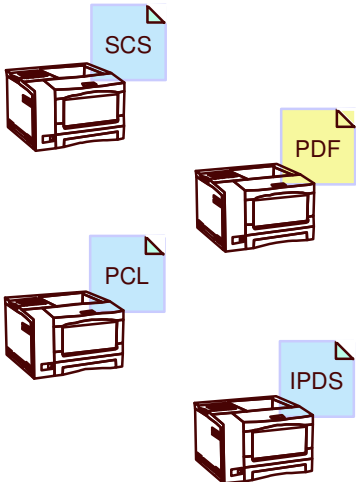
iSeries Output Queues

Infoprint Server
ASCII
Transforms

OS/400

ASCII
Driver

PSF/400



Infoprint Server
Image
Transforms

Infoprint Server
AFP Web and
Indexing

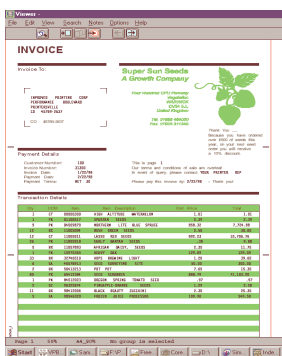
Infoprint Server
PDF

Infoprint Server
Integrated
E-mail

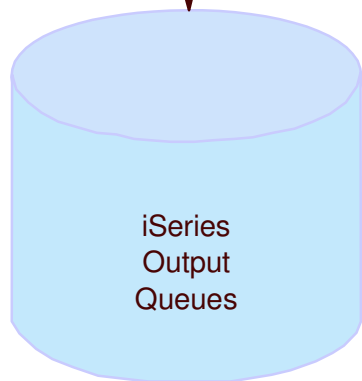
V5R2, V5R2+



Infront Designer

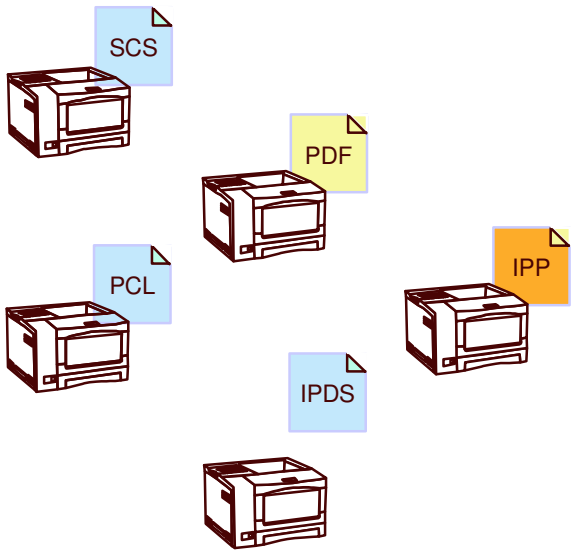


iSeries applications



OS/400
ASCII Driver
PSF/400

Infront Server
ASCII
Transforms



Infront Server
Image
Transforms

Infront Server
AFP Web and
Indexing

Infront Server
PDF

Infront Server
Integrated
E-mail



iSeries Access
Web Access
PDF API

Infoprint Server for iSeries

Infoprint Server for iSeries

Focus of Infoprint Server

- Electronic Distribution of output
- iSeries management of network print

iSeries support for PDF

- Transform services for any iSeries standard output (AFP, IPDS, SCS, even OV/400)
- PDF output to e-mail, IFS, or PDF printer
- High-function PDF Server
- Segmentation - "Electronic Burst and Bind"

Integrated e-mail of output

- PDF output can be automatically e-mailed
- Multiple e-mails based on segmentation
- Exits for customization



iSeries as a network print server

- PCL, Postscript, and PDF to AFP
- Postscript and PDF transform is IBM-Adobe full-function Level 3

Portable, web-ready AFP

- Add external resources to AFP data for portability and browser view
- Add indexing for navigation and report segmentation

Image transforms

- GIF, TIFF, and JPEG transforms to IOCA
- Windows-based



Infoprint Server V5R2

- Expanded control over e-mail content
- Support for virtually any mail server
 - ▶ Capability to interface with multiple SMTP mail servers
- PDF Enhancements
 - ▶ Document indexing maps to PDF bookmarking
 - ▶ Font embed option provides for smaller, efficient PDF files
- New PCL(PCL 6) to AFP transform
 - ▶ Includes DBCS
- Integration of PDF, e-mail functions in iSeries Navigator, Web Access
- System APIs provide programmed access to PDF and e-mail options
- Ability to specify PDF and e-mail parameters after print file creation
 - ▶ User define data parm can be changed with Change Spooled File Attributes



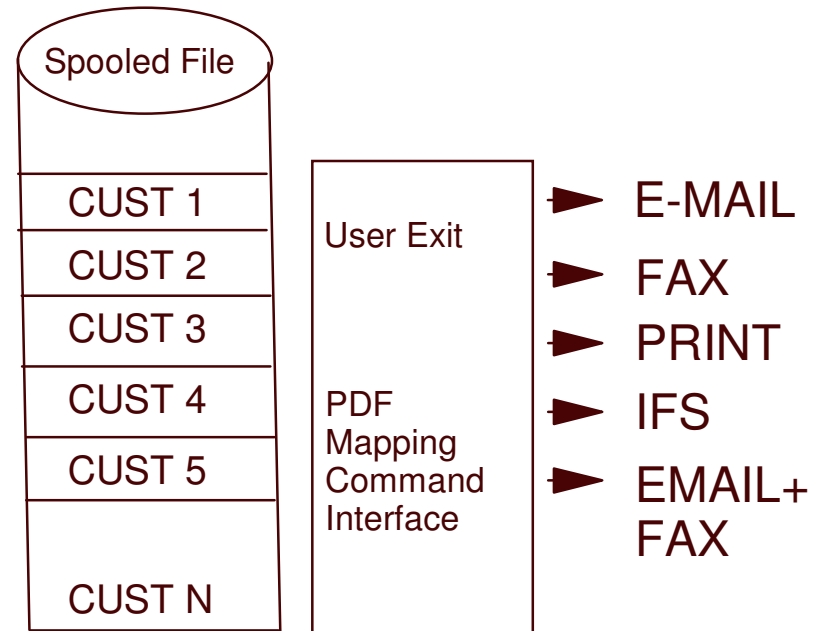
Infoprint Server V5R2+

- Intelligent Routing
- New easy-to-use interface for defining PDF and e-mail functions
- Ability to respool segments of spooled file (for fax or print)
- PDF Enhancements
 - ▶ Encryption
 - ▶ Control over PDF rotation (in Acrobat)

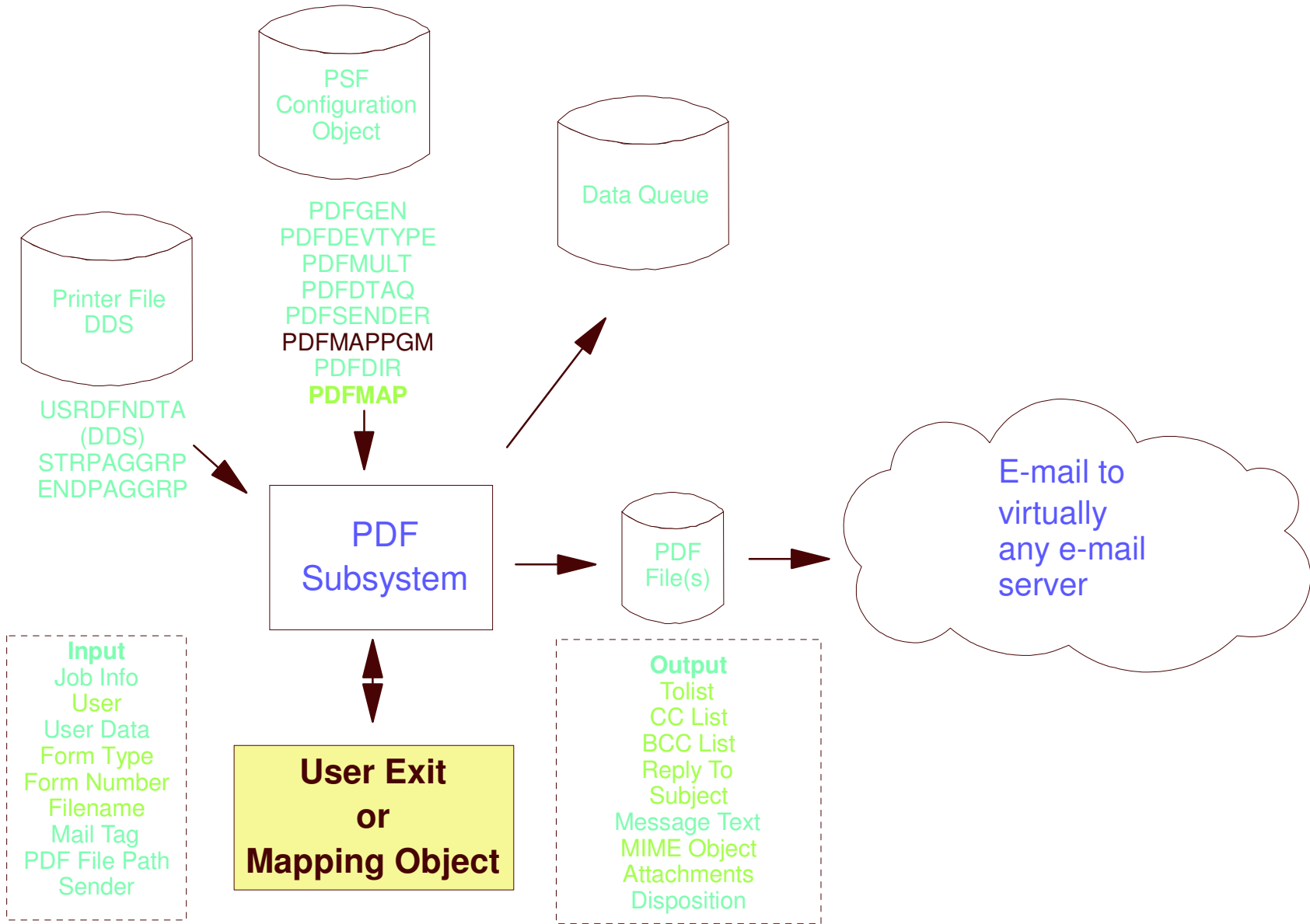


Intelligent Routing

- ▶ Built on V5 segmentation support
- ▶ Enables document action by segment:
 - IFS
 - E-mail
 - Print
 - Fax
 - Outq
- ▶ Multiple actions per segment
- ▶ Respool of individual segments
- ▶ Programmed access with user exit
- ▶ New independent access via command interface, PDF mapping object:
 - Integrated in V5R3, PTF'ed in V5R2
 - Reduced need for user exit
 - Define input matches, desired action



PDF Subsystem Flow



PDF, e-mail, delivery enhancements

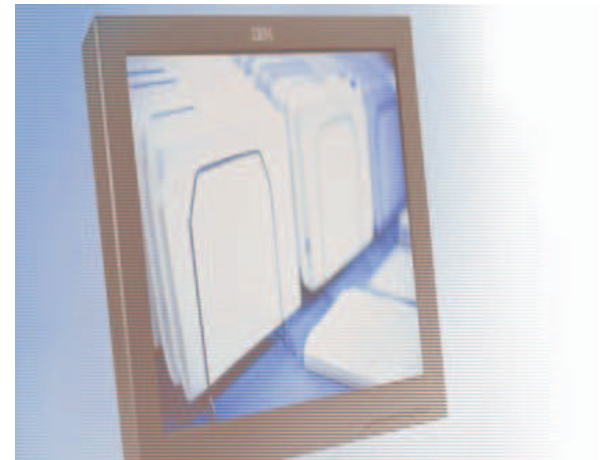
	V5R1	V5R2	V5R2+
To List	◆	◆	
CC List		◆	
BCC List		◆	
Reply To		◆	
Subject		◆	
Message	◆	◆	
Body as File		◆	
MIME Object		◆	
Mail Server	SNDDST	MULT	
Change Spooled File Parm	N	Y	
PDF Font	PTF	STD	
PDF Bookmarking		◆	
Intelligent Routing			◆
Segment Respool			◆
PDF encryption			◆
PDF rotation control			◆



iSeries Access Integration

iSeries Access - iSeries Navigator V5R2

- iSeries Navigator e-Output Functions:
 - ▶ PDF and e-mail functions built into iSeries Navigator
 - Active when Infoprint Server is installed
 - ▶ Select single or multiple spooled files
 - ▶ Define action, and action parameters
 - PDF to e-mail
 - PDF to IFS (Integrated File System)
 - PDF to output queue (for printing on PDF printers)
-
- Customer Value
 - ▶ Interactive, ad hoc access to PDF and e-mail functions provides benefits of electronic output whenever you need it.



iSeries Access - iSeries Navigator V5R2

The screenshot shows the iSeries Navigator V5R2 interface. The title bar reads "iSeries Navigator" with a menu bar (File, Edit, View, Help) and a toolbar. The main window title is "Environment: My Connections". At the top, a status bar displays "Demo720a: Printer Output User: SIMONH Printer: PRTIP40 Output Queue: *LIBL".

The left pane shows a tree view of the system structure:

- Management Central (Demo720a)
 - My Connections
 - 9.140.161.30
 - Demo720a
 - Basic Operations
 - Messages
 - Printer Output** (highlighted)
 - Printers
 - Jobs
 - Work Management
 - Configuration and Service
 - Network
 - Security
 - Users and Groups

The right pane displays a table of printer output jobs:

Output name	User-specified data	User	Status
Novsales	NovSales	SIMONH	Held
Octsales	OctSales	SIMONH	Held
Invoices	Invoices	SIMONH	Held
Qpdsplib		SIMONH	Ready
Fusalpt	BBust16790	SIMONH	Held
Qpdsplib	16790	SIMONH	Printed and kept
Fusalpt	20 90	SIMONH	Printed and kept
Qsysprt		SIMONH	Printed and kept
Qsysprt		SIMONH	Printed and kept

At the bottom left, it indicates "1 - 9 of 9 objects".

iSeries Navigator

File Edit View Help

0 minutes old

Environment: My Connections Demo720a: Printer Output User: SIMONH Printer: PRTIP40 Output Queue: *LIBL/PRTIP40

Output name	User-specified data	User	Status	Printer	Pages per copy
Novsales	NovSales	SIMONH	Held	PRTIP40	1
Octsales	OctSales	SIMONH	Held	PRTIP40	4
Invoice	Invoice	SIMONH	Held	PRTIP40	1
Qpdsp		SIMONH	Ready	PRTIP40	4
Fusalp		SIMONH	Held	PRTIP40	3
Qpdsp		SIMONH	Printed and kept	PRTIP40	4
Fusalp		SIMONH	Printed and kept	PRTIP40	3
Qsyspi		SIMONH	Printed and kept	PRTIP40	1
Qsyspi		SIMONH	Printed and kept	PRTIP40	1

Open

- Reply...
- Hold...
- Release
- Print Next
- Send...
- Convert to PDF...**
- Cut
- Copy
- Move...
- Delete...
- Properties

Convert Printer Output to PDF - Demo720a

Printer output to convert:

Name	Number	User	Job Name	Job Number
NOVSALES	3	SIMONH	QPADEV0005	136416
INVOICES	5	SIMONH	QPADEV0005	136416

After conversion:

Send as electronic mail
 Save in Integrated File System
 Save to output queue

Path:

Device for conversion:

Printer:
 PSF Configuration: lfspdf
 Library: Qgpl
 Output queue:
 Library:

iSeries Navigator to PDF (IFS)

The screenshot shows the iSeries Navigator application window. The title bar reads "iSeries Navigator". Below it is a menu bar with "File", "Edit", "View", and "Help". A toolbar contains various icons for file operations. The main area is divided into two panes. The left pane, titled "Environment: My Connections", shows a tree view of the "Integrated File System". The tree structure is as follows:

- Integrated File System
 - Root
 - QOpenSys
 - QDLS
 - DEMOVIEW
 - QPADEV00
 - 05136435
 - SIMONH
 - 000001
 - NOVSALES
 - 12022002 (highlighted)
 - 000002
 - INVOICES
 - 12022002

The right pane shows a table of files for the selected folder "Demo720a: 12022002". The table has columns for Name, Size, Type, and Change.

Name	Size	Type	Change
000001.PDF	55KB	Adobe Acrobat Document	02/12/2

At the bottom left of the window, it says "1 - 1 of 1 objects".

iSeries Navigator: To PDF, E-mail

Convert Printer Output to PDF - Demo720a

Printer output to convert:

Name	Number	User	Job Name	Job Number
MAILDEMO	2	SIMONH	QPADEV0005	131590

After conversion:

- Send as electronic mail
- Save in Integrated File System
- Save to output queue

To:

Use mapping program

Device for conversion:

Printer:

PSF Configuration: Emailpdf

Library: Qgpl

Output queue:

Library:

Simon Hodkin - Inbox - Lotus Notes

File Edit View Create Actions Help

Workspace Replicator Simon Hodkin - Inbox

Mail New Memo Reply Forward Delete Folder Copy into Tools Change Do

	Who	Date	Size	Subject
Normal				
★	SIMONH	02/12/2002 19:27	58,286	OS/400 softcopy of MAILDEMO
	order update	02/12/2002 17:21	4,227	Am...
	Erwe Ireland	02/12/2002 10:18	2,036	i8...
	order.	01/12/2002 21:48	5,525	Im...
	am/	01/12/2002 16:17	3,442	En...
	trace hold	01/12/2002 13:44	3,176	En...
	order.	30/11/2002 21:46	5,556	Im...
	auto contin	30/11/2002 12:43	33,125	Y...
	nd order.	30/11/2002 11:57	3,664	C...

» OS/400 softcopy of MAILDEMO - Lotus Notes

File . Edit | View Create Actions Attachment Help

Workspace Replicator Simon Hodkin - Inbox » OS/400 softcopy of MAILDEMO

New Memo Reply Forward Delete Folder Copy into Tools Change Document

SIMONH@demo720a.u
k.ibm.com
 02/12/2002 19:26
 This document expires on 02/03/2003

To: Simon Hodkin/UK/IBM@IBMGB
 cc:
 Subject: OS/400 softcopy of MAILDEMO

Mail was sent by OS/400 process. Please do not reply to this address.

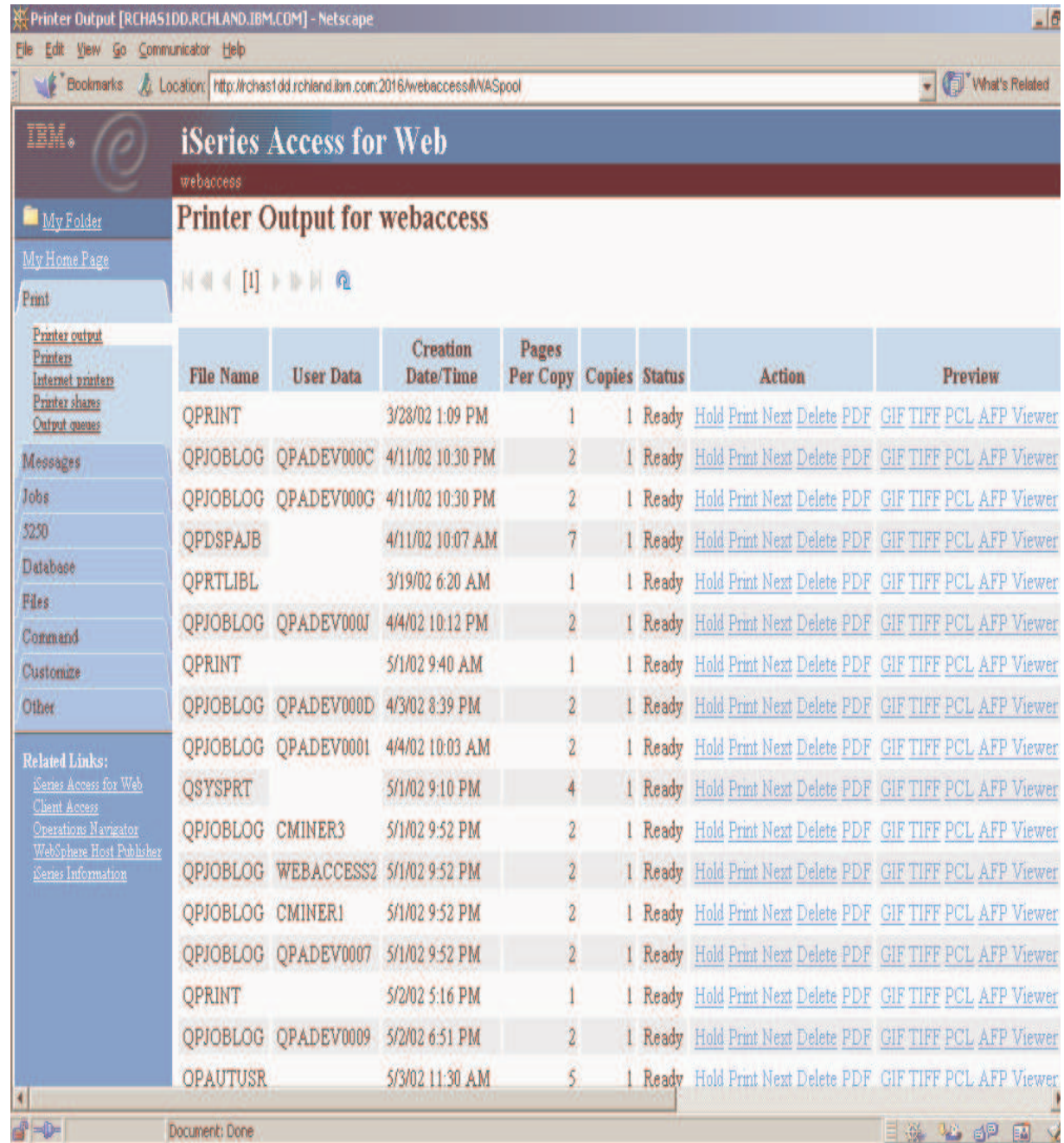
000001.PDF

Web Access Integration

iSeries Access for Web

Browser GUI for iSeries:

- Displays output queues and print files
- Base print support via TIFF image
- PDF print support
 - Selected automatically if Infoprint Server installed
 - Converts print file to PDF
 - Uses SpoolCopy API
 - Automatically delivers PDF into Acrobat Reader



iSeries Access for Web: Print File as PDF

Adobe Acrobat - [~3957010.PDF]

File Edit Document Tools View Window Help

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12	BX	11005004	BUSH GREEN SEEDS	2.50	30.00
12	CT	11005011	LASSO RED SEEDS	892.23	10,706.76
26	PK	11005018	EARLY BANTAM SEEDS	.38	9.88
5	BX	11057893	AFRICAN DAISY, SEEDS	2.35	11.75
1	PK	15975365	HEAVY OAK	129.09	129.09
33	BX	32746510	HOPS BREWING LIGHT	1.20	39.60
6	EA	46578913	SEED SURVEYING SITE	50.00	300.00
2	BX	56413213	POT POT	7.65	15.30
80	PK	65412384	SEED SCRUBBER	888.79	71,103.20
1	PK	84512023	OREGON SPRING TOMATO SEED	.97	.97
2	DZ	96325874	PINEAPPLE-ORANGE SEEDS	1.29	2.58
11	BX	98412006	BLACK BEAUTY ZUCCHINI	2.30	25.30
5	EA	98546320	FROZEN JUICE PROCESSOR	109.90	549.50

Thank You
Because you have ordered over \$500 of seeds this year, on your next seed order you will receive a 10% discount.

TOTAL DUE ▶ \$90,652.21

You can save 2% by paying this invoice online at supersunseeds.com

SuperSunSeeds.com
400 CPU Parkway
Vegetation, NJ 55090

Page 1

This document was created using InfoPrint Designer for iSeries 400

108% 1 of 6 8.5 x 11 in

PDF, e-mail APIs

API Access to PDF and e-mail functions

Java Spooled file copy method

- Produces an identical copy of target spooled file, except for the spooled file number and timestamp
- Enables PDF and e-mail parameters to be associated with the copy as the copy is routed to a PDF queue.
- Same API methodology as used by iSeries Navigator and iSeries Access for Web
- Part of Java Toolbox

API Technique

- API controlling program knows target spooled file and uses copy method to copy target file to PDF queue.
- Controlling program monitors PDF data queue for completion, then selects PDF and routes it where desired (i.e.. to a web-facing browser)

AFP Viewer Plug-in

AFP Viewer Plug-in: Intranet document viewing

- AFP Viewer is simply an Netscape or Internet Explorer plug-in
 - ▶ Available - at no charge

The screenshot shows the IBM website interface. At the top left is the IBM logo. To its right is a search bar. Below the logo is a navigation menu with links for Home, Products & services, Support & downloads, and My account. On the left side, there is a vertical menu with a 'Select a country' dropdown and links for Printing Systems, Products, Professional services, How to buy, and Support. The main content area features the title 'Windows AFP Viewer Plug-in V2.0.3.2' in large, bold, dark blue text. Below the title is a blue bar with the text 'Downloadable files'. Underneath that is an 'Abstract' section with the text: 'The AFP Viewer plug-in lets you view AFP documents from a Web browser.'

Infoprint Designer for iSeries

Design your business output

- **Scenario:** Your current output - statements, invoices, reports -- is inadequate.
- **Requirement** - You need to improve the content, appearance, and effectiveness of your communications and accomplish this in a productive manner without disruption.

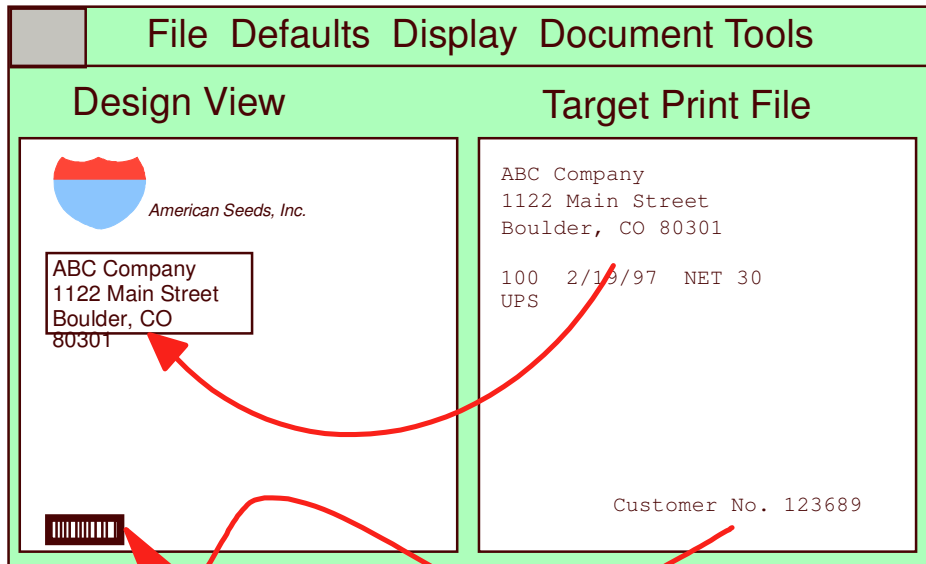


Infoprint Designer for iSeries

Product Summary

Infoprint Designer

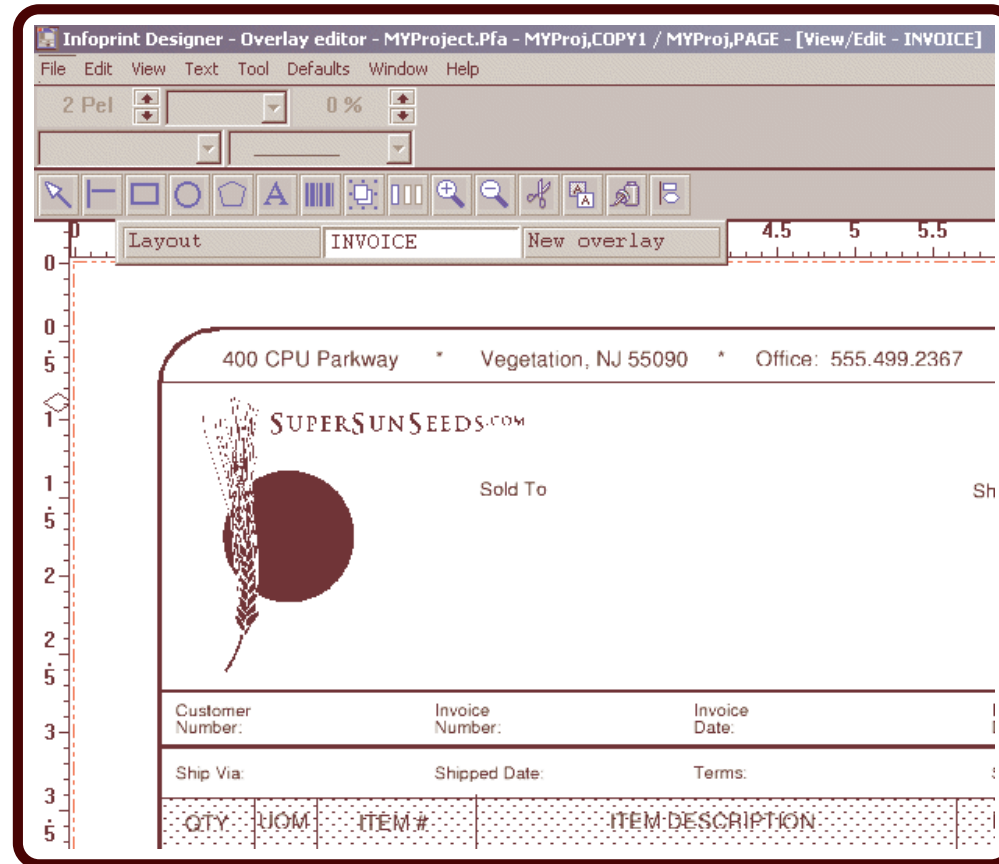
State-of-the-art design environment, the robust, integrated AFP/IPDS print/presentation subsystem on iSeries-AS/400, geared for the non-technical user



Key Features

- **Overlay Design** editor for designing electronic forms
- **Image Design** editor for designing images
- **Layout Design** editor for designing the entire print application
- Creates standard OS/400 print resources
- Integrated for design
- Integrated for production
- Professional, high-precision system geared to the demands of business
- Output redesign without application changes
- AFP Font Collection fonts built in
- Product ID 5733-ID1
- OS/400 V4R5 required

Overlay Editor



Layout Editor

Overlay in background - data to be mapped in the Data Window

The screenshot shows the 'Infoprint Designer - Layout editor' interface. The main window displays a form layout for an invoice. The form includes a header with the address '400 CPU Parkway * Vegetation, NJ 55090 * Office: 555.499.2367', the website 'SUPERSUNSEEDS.COM', and a logo of a sunflower. Below this is a 'Sold To' section with a shaded area. Further down are fields for 'Customer Number', 'Invoice Number', 'Invoice Date', 'Ship Via', 'Shipped Date', and 'Terms'. At the bottom, there is a table with columns for 'QTY', 'UQM', 'ITEM #', and 'ITEM DESCRIPTION'. To the right of the layout editor is a 'Data Window' showing a list of records. The first record is for 'IMPROVED PRINTING CORP' with address 'PERFORMANCE BOULEVARD, PRINTERSVILLE, CO 45789-2637'. The second record shows quantities and dates: '100 31300 3/11/01' and 'BEST WAY 3/11/01'. The third record is a list of items: '1 CT 00000300 HIGH ALTITUDE WATERME', '1 PK 01100517 SPARTAN SEEDS', '9 PK 04569870 NORTHERN LITE BLUE SF', '12 BX 11005004 BUSH GREEN SEEDS', '12 CT 11005011 LASSO RED SEEDS', '26 PK 11005018 EARLY BANTAM SEEDS', '5 BX 11057893 ALICE DAISY SEEDS', '1 PK 15975365 LIGHT OAK - JULIET', and '22 BX 22216518 HOPS PRINTING LIGHT'.

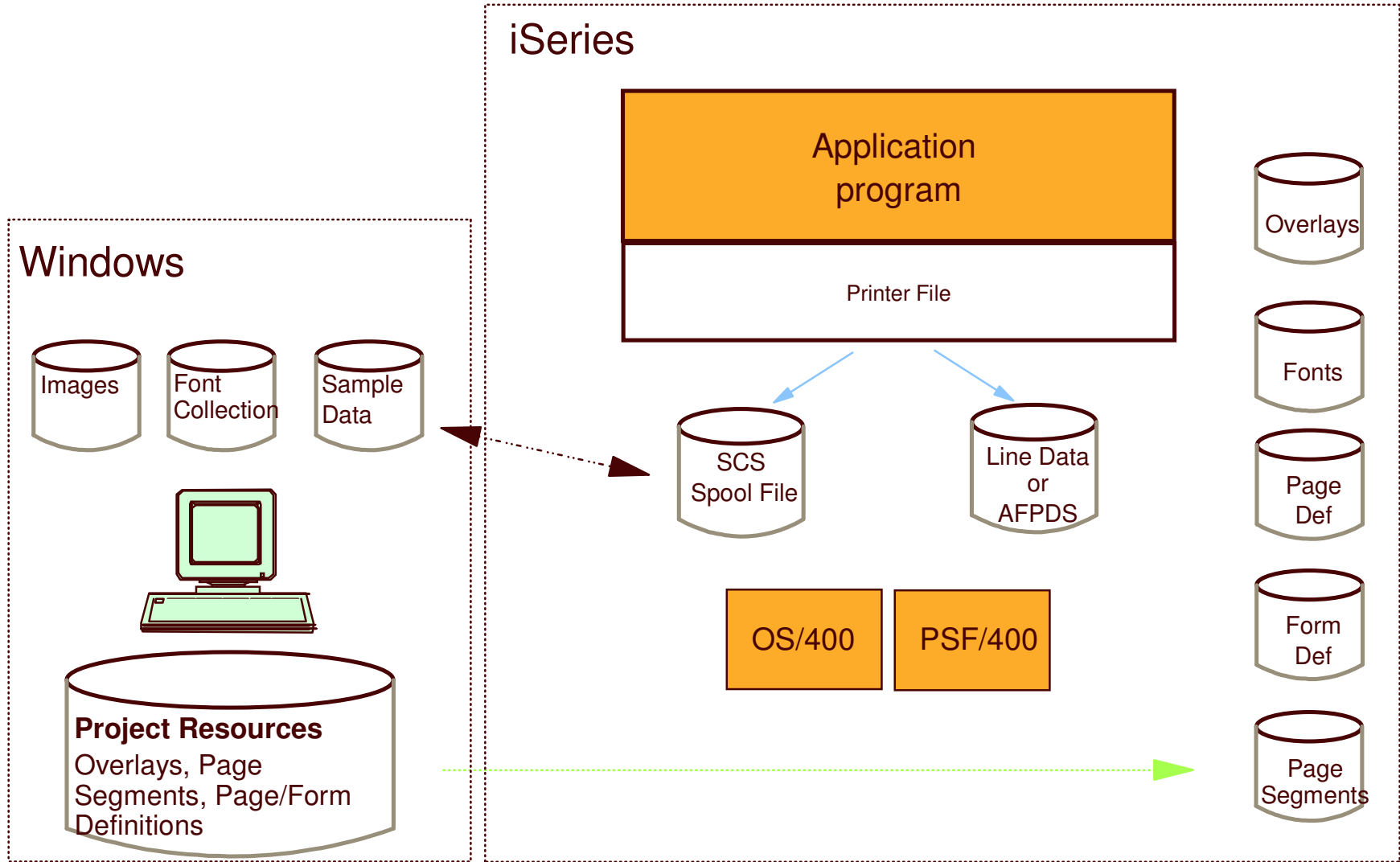
Layout Editor - drag and drop data mapping

Drag and drop individual fields, lines, etc. as required

The screenshot shows the 'View/Edit' window of the Layout Editor. The main window displays a printed invoice for 'SUPER SUN SEEDS.COM' with customer information and a table of items. A 'Data Window' on the right shows the underlying data table. A red arrow indicates a drag-and-drop mapping from a row in the data window to a specific line in the invoice table.

QTY	UQM	ITEM #	ITEM DESCRIPTION
1	CT		
1	PK		
9	PK	00000300	
12	BX	01100517	
12	CT	04569870	
26	PK	11005004	
5	BX	11005011	
1	PK	11005018	
33	BX	11057893	
6	EA	15975365	
2	BX	32746510	
80	PK	46578913	
1	PK	56413213	
2	DZ	65412384	
11	BX	84512023	
5	EA	96325874	
		98412006	
		98546320	

Infoprint Designer Schematic



Infoprint Designer Enhancements

- ▶ Easy to use Design Wizard for complex application development
 - Provides GUI Wizard that guides user through multi-page and conditional processing design
 - Significantly enhances ease of use for complex applications
- ▶ 2D Barcode
 - UPS Maxicode, PDF417, & Datamatrix
- ▶ National language support
- ▶ Font Selection by Code Page / Character Set
- ▶ Finishing by sub-document or group
- ▶ Expanded design samples
- ▶ MICR fonts
- ▶ Base version is V4R5
- ▶ Enhancements and fixed delivered via PTF - current version is 1.11

PSF/400

PSF/400 V5R2

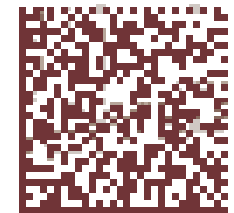
- 2D Barcode
 - ▶ Support integrated in DDS
 - ▶ Already supported in PPFA, Infoprint Designer
 - ▶ UPS Maxicode, PDF417, Datamatrix
- Finishing by Group (DDS and PPFA)
 - ▶ Finishing, such as stapling, by sub-document or group within a spooled file
- DDS Variable Font Keyword
 - ▶ Enables variable selection of fonts "on-the-fly"
- XML plus page definition to AFP
 - ▶ Capability to format XML data into pages using page definitions
- Support for new iSeries printers

2D Barcode Support

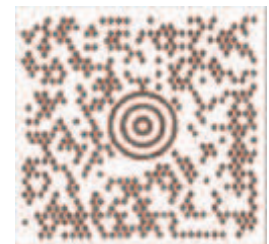
- What is 2D?
 - ▶ One-dimensional barcodes (i.e.. UPC, Postnet) are series of bars and white spaces that are scanned by a point scanner
 - Scanning UPC would yield 10-12 characters of data -- the product ID
 - ▶ 2D barcodes are a two-dimensional image pattern (i.e.. 2 inch square) that is read in its entirety
 - 2D barcodes can yield up to 4000 characters of data
- V5R2 Support for 2D
 - ▶ Support for three 2D symbologies
 - PDF 417 - up to 1850 characters
 - Datamatrix - up to 138 characters
 - UPS Maxicode - up to 3116 characters
 - ▶ 2D programming
 - New DDS keywords (V5R2)
 - Support in PPFA/400 (V5R1)
 - Infoprint Designer support (R1.12)



PDF417



Datamatrix



Maxicode

Summary

V5R1 vs. V5R2 Summary

V5R1 can:

- produce **PDF** from any iSeries output
- **e-mail** automatically any iSeries output
- publish iSeries output in either PDF or AFP format for **web/client access**
- design iSeries output applications with a new, integrated, **fully graphical system**
- archive iSeries output to a new, strategic, **fully web-enabled** archival system
- develop server print applications in Java
- **segment** iSeries output electronically for presentation or e-mail
- manage printing with the iSeries from any **ERP** software
- **separate page formatting from applications** without giving up anything
- Integrate **web image** into iSeries output applications
- **print directly to PDF printers**

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V5R1 can:

- produce **PDF** from any iSeries output
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- **separate page formatting from applications** without giving up anything
- Integrate **web image** into iSeries output applications
- **print directly to PDF printers**

V5R2 adds:

- Comprehensive **control over e-mail** distribution and content
- **SMTP** support for integration with most mail servers
- PDF **size control and bookmarking**
- **API** access to PDF and e-mail functions
- Planned **interactive configuration** of PDF and e-mail
- Infoprint Designer enhancements including **wizard-based** complex design, **2D barcode, MICR, national language, finishing**
- **2D barcode** support integrated in **DDS**
- **Finishing by group**
- **XML** formatting with page definitions
- **PDF and e-mail** functions in **iSeries Access**
- **PDF printing in Web Access**
- New iSeries **printers**

V5R2+ Summary

V5R2+ adds:

- Intelligent Routing
- Multi-channel delivery options by segment
- Multiple delivery options per spooled file or segment
- AFP respool for print or fax
- Command (input/action) interface for PDF, e-mail processing
- PDF encryption
- PDF rotation control
- Infoprint Designer enhancements

Technical Reference:

Reference:

- iSeries Guide to Output (S544-5319)
- **IBM AS/400 Printing VI (SG24-6250)**
- IBM AS/400 Printing V (SG24-2160)
- Infoprint Server for iSeries Users Guide (G544-5775)
- Getting Started with Infoprint Designer (G544-5773)
- AS/400 System API Reference (SC41-4801)
- iSeries Printer Device Programming (SC41-5713)
- AS/400 TCP/IP Configuration and Reference (SC41-5420)
- Ethernet and Token Ring Configuration Guide (G544-5711)

Education:

- Infoprint Server Implementation - K2518
- Infoprint Designer University - K2516

www.ibm.com/eserver/series/printing