The Printing NOS

Hassle-free enterprise printing with the first *Network Operating System* for printing
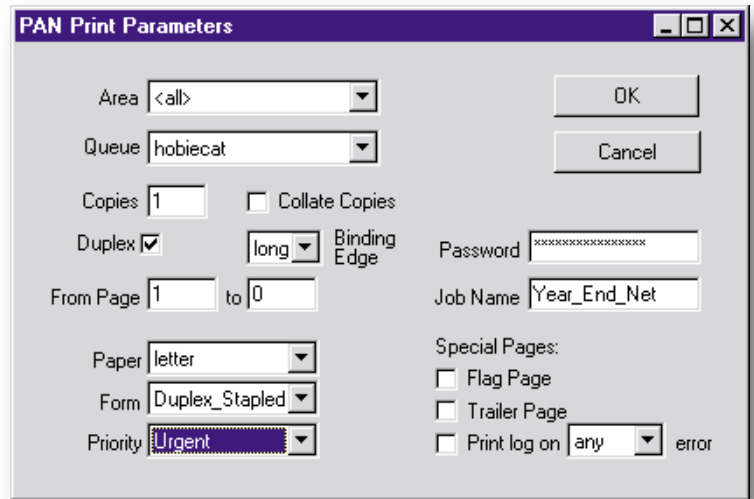
SCRIPTSERVER®

PAN

PRINT AREA NETWORK

What can PAN do for you?

- **printer drivers are gone**

- **no more hassling with filters**

- **multiple queue contention a thing of the past**

- **empower your help desk**

- **tame unruly applications**

- **consolidate print queues for all platforms**

- **manage all network printing in one place**

- **downsize your printing hardware needs**

- **maximize printing efficiency**

- **electronic forms on demand**

ScriptServer
PAN
PRINT AREA NETWORK

Using PAN

PAN Administration

▶ **Manage queues**
▶ **Manage areas**
▶ **Manage hosts**
▶ **Manage forms**
▶ **Departments**
▼ **Resources**
  ▫ create set
  ▫ delete set
  ▫ create resource
  ▫ modify resource
  ▫ delete resource
  ▫ resource listing
  ▫ upload form image
  ▫ upload file
▶ **Utilities**

Help

Printer drivers are gone

Through the unique technology used by PAN to communicate with the PostScript or PCL language interpreter in the printer, PAN does away with the need for platform- and operating system-specific software drivers for each particular printer model on your network. Our use of bidirectional communication with the printer vastly improves the printer and job status information available.

The Windows client Print dialog box is available from all applications

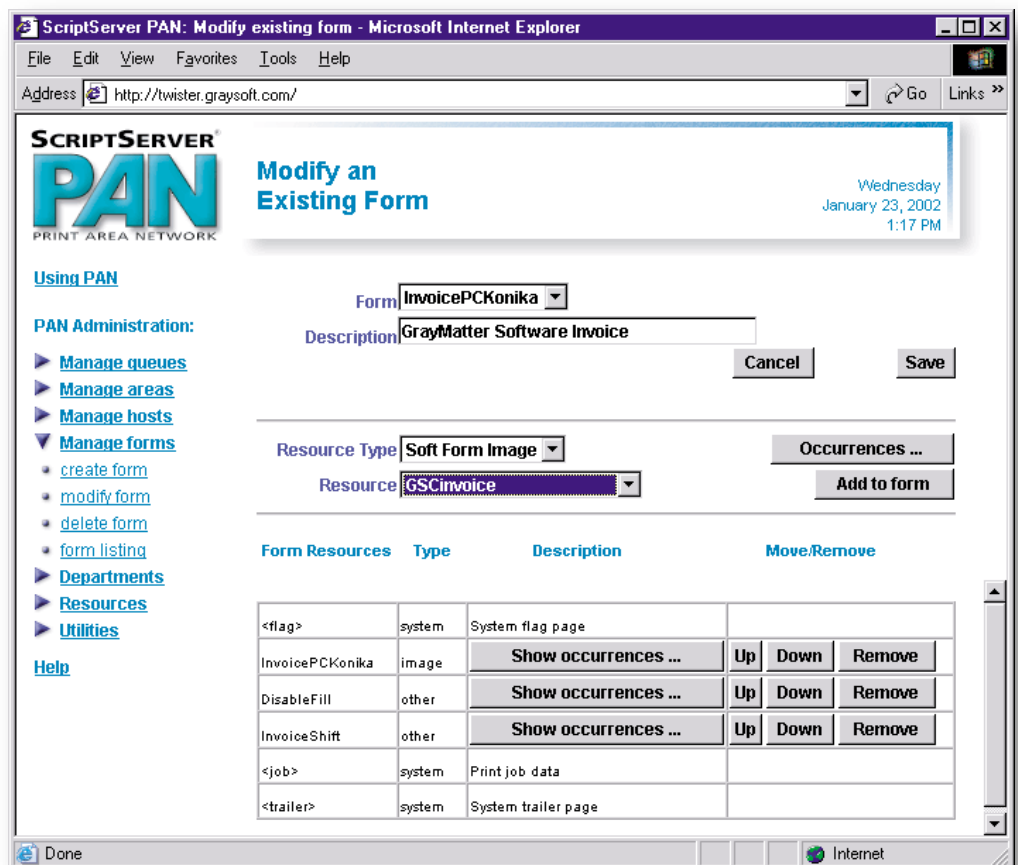## *Tame unruly applications*

Have you ever tried to get Windows Notepad to use the duplexing or stapling capabilities of a printer? Notepad, and many other basic utilities, fail to utilize the resources of your printers. Even when it looks as if the application can access a capability found on the printer, the output fails to use the feature. PAN makes the most undisciplined applications toe the line; generating output that employs the printer features in which you have invested.

No more hassling with filters

Unix system administrators are familiar with the need to create filters on queues to achieve a particular result. PAN's unique approach ends this need to program filters by allowing administrators to create collections of printer features, such as stapling, tray selection, duplexing, etc. which can be assigned a name that users can select with a simple click in a drop-down menu.
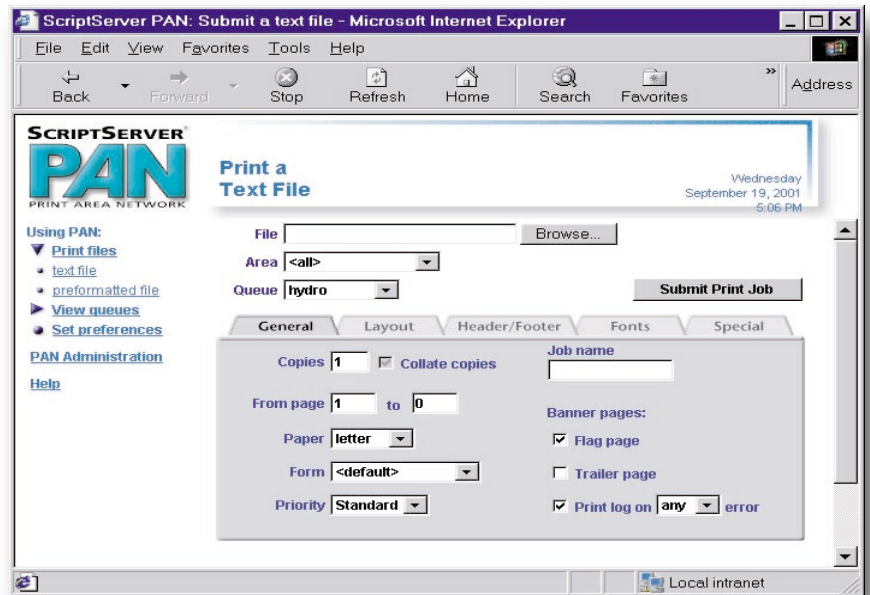
End contention from multiple print queues

The heterogeneous nature of today's enterprise computing environment leads to multiple computers and operating systems contending for the same printing resources, each using its own print queue. By centralizing queue management within PAN, all printing activity, no matter where its origin, is visible. By creating a network operating system for printing, PAN gives all platforms and users a uniform, centralized environment for control and visibility of all printing activities.

Replace queue filters: Your PostScript commands can be automatically assembled into print jobs with PAN's powerful form construction tools.

Consolidate queues for all platforms

In addition to providing single queues for all of the systems in a network, PAN allows the creation of "forms" to simplify the task of administering your network's printing capabilities. Many administrators create multiple queues attempting to manage the abilities of their printers. With PAN, for example, instead of creating a queue for duplexing and another queue for stapling on the same printer, duplicating this work for each system in the network, a single PAN "form" can be created that will behave identically across all printers in the network. A single queue for each printer accomplishes what required many queues before. Furthermore, the power of forms is such that even though specific printers require different printer commands to invoke the same feature, a form will work regardless of where a job is originally sent, and where it ultimately ends up printing.

The Print Text File user interface provides over fifty options for controlling the formatting of text files.

Downsize your printing hardware needs

Printer queues in PAN reside in "print areas", which are themselves print queues. Print jobs submitted to an area queue are candidates for printing on any queue within the area which has the required capabilities of the job. A job requiring duplexing will not be sent to a printer without duplexing capabilities. PAN saves you money by making the best use of the resources you have purchased.
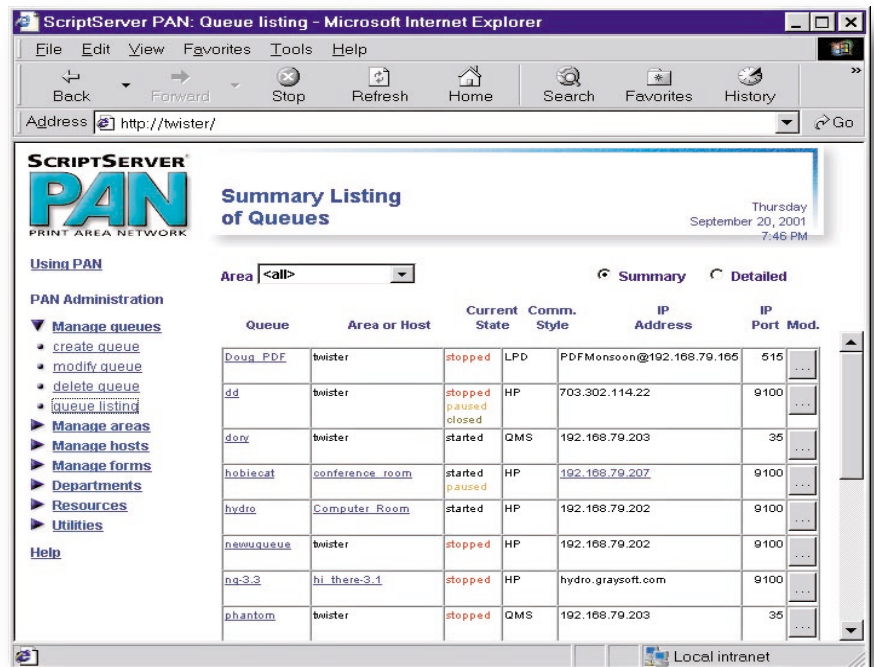
Empower your help desk

PAN's browser-based interface provides help desk personnel with powerful tools to monitor and control printing. Dynamic queue displays provide visibility of queue activity in a single glance.

Other tools provide the ability to reassign jobs to queues, and to monitor individual printer performance. When a printer error occurs, such as a paper jam, it's clearly visible through queue status displays. Furthermore, queue states can be controlled to allow or disallow both the inflow and outflow of print jobs.

Manage all network printing from one place

Different operating systems require different methods of levels of support for complex printing requirements.

Paper jam or printer troubles? Move your print job to another queue with a click of the mouse.

This requires redundant effort on the part of the administrator, and even then the result will be varying degrees of success. By consolidating printing for all platforms under PAN, you will always get the desired results without sacrificing any level of functionality.

Collecting the dividends of printing Electronic Forms with PAN…

Using your storage space with cases of preprinted forms? Does the cost of these forms go up with each order? PAN leverages today's printer technology into savings. A process called SoftForms™ reduces printing costs to paper and toner. Eliminating preprinted forms minimizes dedicated storage. Electronic forms let you revise forms without wasting stockpiles of obsolete forms and incurring expensive reprints. Plain paper avoids the expense of replacing forms destroyed by printer problems and form alignment. Create accurate, legible, high-quality PostScript forms; laying text from your print jobs onto images of your business forms, efficiently combining these into business forms. No slow, intangible payback period; electronic forms starts saving money now.

PAN's flexibility meets the special requirements of business forms

Printing high-quality business forms involves more than dropping text onto a background image. It also requires the ability to select text font and sizing, micro-adjustment of text placement, and the selection of special media and finishing options. PAN allows all of these features, integrating your data and form. Your SoftForm is ready to perform time after time without preprinted forms.

Text not lined up with fields?
Every field is perfect, without stock-mounting and page lineup hassles.

Company logo change?
Replace logos and trademarks without trashing old form stock.

Worried about compatibility?
Text is merged from your existing flat ASCII or PostScript-generated print files.

Fine print a little hard too read?
Laser-sharp quality – each an original.

Signing too many forms?
Add an electronic signature.

GB1104-2

ZZZ Mattress

PURCHASE ORDER

ZZZ Mattress Company
A DIVISION OF SLEEPLESS SOFTWARE CORPORATION
P.O. BOX 215, ANYPLACE, WA 98990-2386

SEND INVOICE TO ABOVE ADDRESS
ATTN: ACCOUNTS PAYABLE

ALL DOCUMENTS MUST SHOW
OUR PART NUMBER, ITEM NO.
AND PURCHASE ORDER NO.

WASH. SALES TAX PERMIT 91-2-1772461-3
WASH. DIRECT PAYMENT PERMIT 3-01137-6220-4

PURCHASE ORDER NO.	PAGE
GB1104-2	1 OF 1
VENDOR NO. CMFTSTL	DATE 10/14/01

ORIGINATOR/BUYER
William B. Buyer, CSB

	TO		SHIP TO	ZZZ USE ONLY	
	COMFORT STEEL CORP. 14423 Swann Street Suite 120 Pittsburgh, PA 13289		ZZZ MATTRESS CO. 2341 Insomnia Loop Suite 800 Anyplace, WA 98990-2386	F.O.B.	Point of origin
				PAYMENT TERMS	Net 30
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				FRT. TERMS	
				CONFIRMING	Verbal of 10/13/01
				INVOICE APPD. BY	Bill Buyer

ITEM NO.	QUANTITY	QTY. VARIATION ± ACCEPTABLE	PART NUMBER	DESCRIPTION	CHARGE CODE	TAX EXEMPT	PRICE	U/M	PKG. QTY.	REQUIRED DELIVERY
1	2,500	0	SPR-349-9	Spring coils, 9-inch, pre-washed	CA-101	N	3.29	U	100	11/30/01
2	50,000	10,000	BTN-151-3	Mattress buttons, fabric wrapped	CA-102	N	.04	M	1M	11/30/01
3	3,750	0	STR-742-2	Strapping, 1/2-inch, linear feet	CA-103	N	.17	M	250	11/30/01

* * **TERMS AND CONDITIONS OF SALE** * *

Seller shall furnish the item listed above upon the terms and conditions and pursuant to the instructions on the front and back hereof, which, together with such drawings and specifications submitted by Buyer, if any, shall, upon your acceptance of this order, constitute the full and complete contract of the parties.

THE ABOVE NAMED PURCHASER ACQUIRES OTHERWISE TAXABLE ITEMS TAX-FREE, PURSUANT TO WASHINGTON STATE CODE SECTIONS

WE UNDERSTAND THAT IT IS A MISDEMEANOR TO GIVE AN EXEMPTION CERTIFICATE TO THE SELLER FOR TAXABLE ITEMS WHICH WE KNOW, AT THE TIME OF PURCHASE, WILL BE USED IN A MANNER OTHER THAN THAT EXPRESSED IN THIS CERTIFICATE AND, UPON CONVICTION, WE MAY BE FINED UP TO $500 PER OFFENSE.

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A DIVISION OF SLEEPLESS SOFTWARE CORPORATION

BY:

Another benefit of using PAN's SoftForms: No dedicated printers

Using plain paper for your business forms, you can now print your business forms to any PostScript level 2 printer on your network providing the media and finishing options your form requires. You have the ability to react immediately to hardware problems, to put your output closer to waiting employees, and even split large jobs over several printers to finish faster.

Want yet one more benefit?

Your form is electronic. Thus you can feed the output of that PAN queue into Adobe's PDF Distiller, creating a PDF file and that can be attached to E-Mail. E-Mailing your quotes, sales orders, purchase orders, etc., saves the expense (time and charges) Faxing documents.

GRAYMATTER
SOFTWARE

100 S. King Street - Suite 320
Seattle, Washington 98104-3800

(206) 329-8800 - (800) 477-0348
www.graysoft.com