

# Output Management Solutions for MPE

FLEXIBLE INFORMATION ACCESS THROUGH  
REPORT WAREHOUSING, VIEWING AND PRINTING

- Vista Plus™ for MPE provides comprehensive report management, eliminating manual printing, bursting, and distribution
- NBSpool™ for MPE saves time, paper, and printing resources with easy-to-use, automated management of spool files
- NBSpool™ for HP/UX intercepts load processing on HP/UX to provide network spooling, output management, and distributed printing
- NBSpool™ Connectivity optimizes use of printing resources across the network with add-on modules that print HP 3000 jobs to a multitude of network printers
- iQueue™ is a network loadable module that complements NBSpool network integration with Novell Netware

## Manage Output in Heterogeneous Environments

Managing and balancing a dynamic mix of users, applications, spool files, and printing resources on a heterogeneous network is a difficult and time-consuming task. It is necessary in heterogeneous networking environments with HP 3000 computers to give users efficient, flexible access to network printing resources while maximizing overall data output resources. To address these challenges, Quest Software provides a wide range of output management solutions for MPE. These solutions give network users the ability to access the right printer on the network for the right job, and to access dedicated resources for easy print distribution or online viewing.

## Gain Instant Access to Report Information With Vista Plus™ for MPE

Vista Plus™ is a sophisticated report management solution that delivers instant access to information via e-mail, the LAN, or the Internet, generating significant savings in shipping, manual distribution, filing, paper, printer maintenance, and many other labor costs. Vista Plus adds a report warehouse to any centralized MPE server on your network.

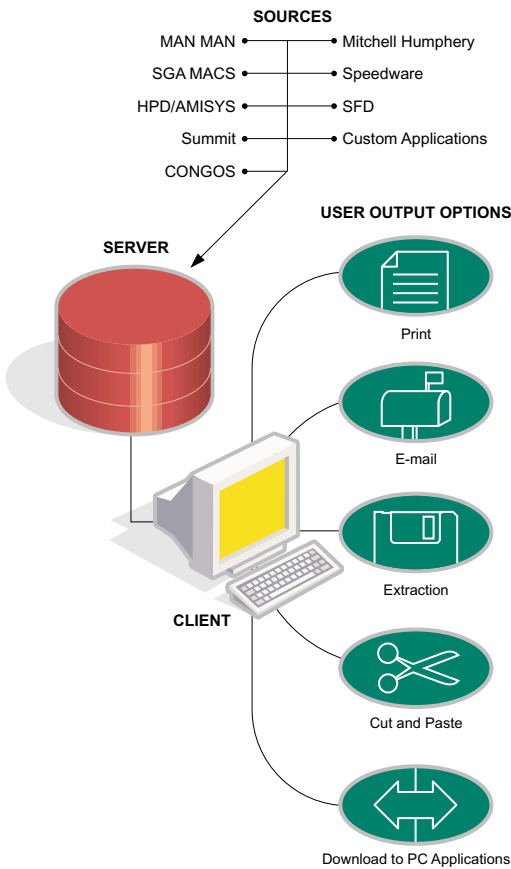
Viewing reports online with Vista Plus empowers users to quickly access information. Users can browse through the report, invoke powerful search utilities, download specific report information to popular applications (e.g., Microsoft Excel) and print specific pages. Delivering a complete output management solution, Vista Plus integrates with NBSpool to effectively manage spool files.

The Vista Plus server consists of administration and control programs that allow the system administrator to add, modify, or delete users, folders, reports, and security. Once reports are added to this centralized report warehouse, users throughout the organization can access the warehouse and view the reports online through a Windows 95/98/NT or character-based viewer.

ITEM	QUANTITY	PRICE	TOTAL
5 NORTH STAR BARRANO	20.55	8.10	166.40
5 ALUM STEEL BARRANO	47.88	8.15	390.20
5 WELLS BARRANO	59.95	8.10	485.55
5 NEWPORT BARRANO	20.87	8.10	169.14
5 ALUM STEEL BARRANO	41.90	8.15	341.50
5 NORTH STAR BARRANO	21.25	8.10	172.13
5 NEWPORT BARRANO	20.34	8.15	165.78
5 ALUM STEEL BARRANO	22.97	8.10	186.06
5 ALUM STEEL BARRANO	44.48	8.10	360.39
5 NEWPORT BARRANO	41.25	8.15	336.26

*With Vista Plus, users gain instant access to enterprise-wide, mission-critical information, shortening access time and increasing user productivity.*

# Output Management Solutions for MPE



*Vista Plus captures the data from many file types and applications, creates a report warehouse of the files, and distributes reports — separately or in bundles. With Vista Plus, businesses save on shipping, manual distribution, filing, and other labor costs.*

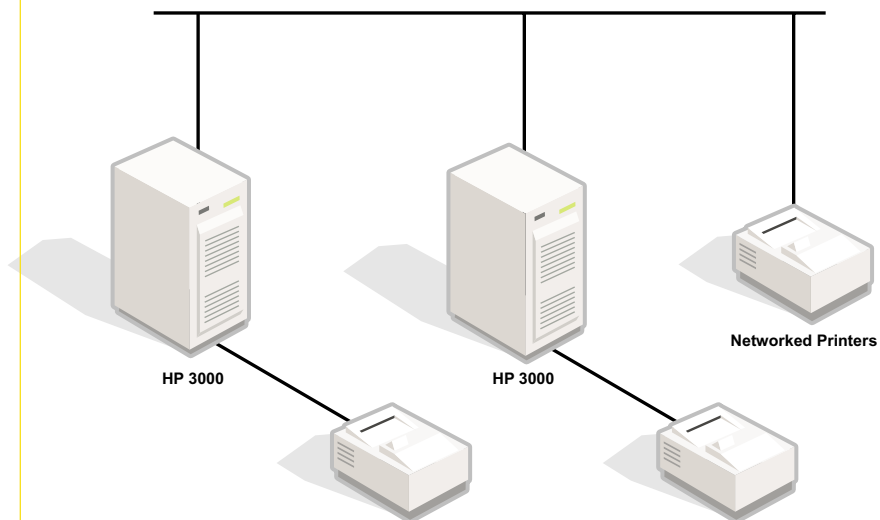
Addressing all stages of the report life cycle, Vista Plus:

- Eliminates manual tasks with automatic report printing, bursting (assembly and distribution of bundled reports), management, and distribution to local and remote sites
- Dramatically reduces expenses required to support report printing
- Eliminates report distribution errors, such as jammed printers and lost reports, that commonly occur when distributing printed reports
- Enables users to view reports online
- Enables online analysis of historical reports for auditing
- Performs archiving of older reports

## Print from Anywhere to Anywhere at Any Time With NBSpool™ for MPE

NBSpool™ for MPE is a proven, high-performance spool file management system that provides network spooling, network connectivity, and output management. NBSpool balances user needs with available printer resources, automates output redirection, manages forms and banners, bundles reports, and automates the archiving of spool files. Extensive output management features allow you to seamlessly deliver printing capabilities across networks and printer devices. NBSpool detects errors automatically and selects alternate printers in the event of an outage. Intuitive commands facilitate the distribution of information to the appropriate resources within the organization. NBSpool:

- Performs spool operations on groups of spool files, eliminating unnecessary, repetitive commands
- Processes spool files with an event-driven capture as soon as they are closed and provides immediate viewing of reports as they progress
- Archives critical historical information to secured external media; archiving parameters can be invoked to select a specific group of spool files
- Takes selective action based on the presence of a specific spool file, either created locally or received from a remote host
- Applies a powerful spool file selection criteria and a subset option to any command



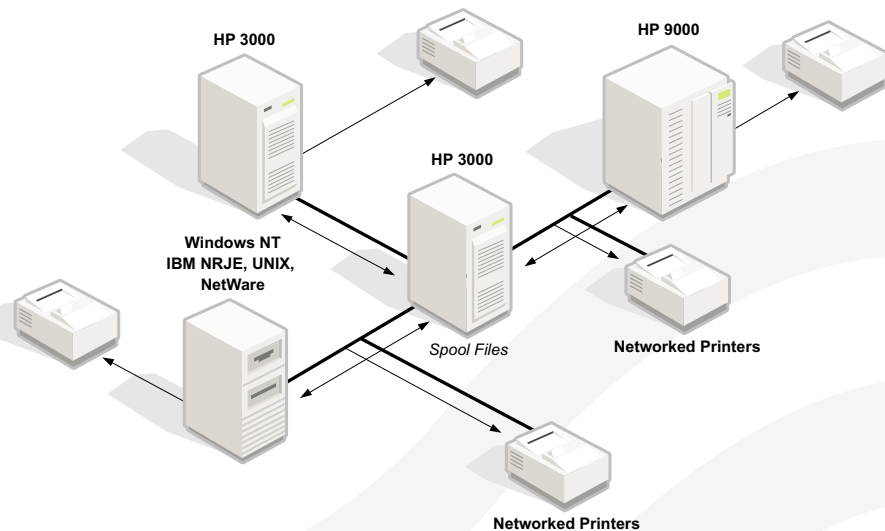
*NBSpool manages spool files over the network without NS 3000 services. There's no system downtime to reconfigure or add printers.*

## Effectively Manage Print Spool Requests With NBSpool™ for HPUX

Managing print spool requests within a HPUX-based system can be cumbersome and time-consuming. NBSpool™ for HPUX provides comprehensive methods of searching, listing, and copying spool requests. For example, you may keep entire files and spool requests, or simply specify ranges to be printed or saved to disk. Within a file, you may specify a range of lines or pages to keep. Within a spool request, you may specify which files are to be stored. And instead of having to modify a single spool request at a time, NBSpool for HPUX lets you operate on groups or subsets simultaneously for greatly increased productivity.

- Provides complete spool management, including view, alter, copy, print, archive, and merge spool requests down to the user level
- Allows selection of spool requests for quick and easy manipulation based on any file attribute, including wild cards
- Enables you to resume printing from a specific page in the event of a paper jam instead of having to reprint the entire report
- Eliminates the need to re-create lost reports and releases system resources needed for reprocessing with automatic archiving
- Automates repetitive tasks via script files that modify, archive, or print spool requests

The Hewlett-Packard Atlanta Technology Center manages over 300,000 spool files a day with NBSpool.



*NBSpool Connectivity enables transparent printer connectivity across MPE, Windows NT, HPUX, IBM/NRJE, and NetWare platforms.*

## Automate Print Job Routing With NBSpool™ Connectivity

NBSpool™ Connectivity automatically routes print jobs from the HP 3000 to any open system in the network for execution. The Connectivity option to NBSpool enables you to send spool files to multiple destinations across heterogeneous platforms and operating environments. It automates and streamlines the management of spool files by creating background jobs to automatically move spool files from the HP 3000 to any network printer. You choose whether to keep or delete the original spool files once they have moved to a new destination.

- Outputs to MPE, HPUX, Jet Direct and various printers on LAN or WAN
- Facilitates printer sharing via LPR/LPD over network
- Specifies a subset based on DFID numbers, job/session numbers, output priorities, logical device numbers, device classes, filenames, user names, creation dates, and spool file sizes

## Smoothly Transfer Novell Files With iQueue™

iQueue™ is a network loadable module that allows NBSpool to transfer files back and forth between a Novell 3.x and 4.x or later system. Simple to use and easy to implement, iQueue completes the “total solution” for print environments with simple spool file movement to and from HP 3000 or Novell 3.x or later series. The LPD network loadable module allows a NetWare file server to accept print jobs from systems supporting the LPD protocol. The LPQ part of this protocol supports remote inquiry of NetWare queues. The LPR network loadable module allows a NetWare file server to service local NetWare print queues for transmission via the LPD protocol to remote hosts.

## Gain Instant Access to Reports with the Report Server

Availability of reports is critical during normal business hours. With today's increasing processing demands, computer systems often run at maximum capacity around the clock. With Quest Software's Report Server, you can maximize OLTP performance while widening your window of reporting time. The Report Server provides a simple, cost-effective solution that enables quick, reliable access to reports that you can print in seconds or instantly view online.

### Summary

Output management is a key component of managing information across the enterprise. While increasing user productivity through improved information access, efficient output management also reduces printing time and costs. It is compatible with most applications and easily integrated into your existing environment. Quest Software's proven Output Management Solutions for MPE maximize efficiency and timeliness of enterprise information availability through robust report warehousing and management.

### MPE Solutions Overview

Middleware	Output Management	High Availability
<ul style="list-style-type: none"><li>• Data movement</li><li>• Data migration</li><li>• Data marts</li><li>• Data warehousing</li><li>• Data access</li><li>• Direct replication</li><li>• Direct interface</li><li>• File mounts</li><li>• Consolidated replication</li></ul>	<ul style="list-style-type: none"><li>• Managing print files</li><li>• Local printing</li><li>• Network printing</li><li>• Coexistence printing</li><li>• Electronic report distribution</li><li>• Data center automation</li><li>• Report availability</li><li>• Report warehousing</li></ul>	<ul style="list-style-type: none"><li>• Disaster recovery</li><li>• Replication</li><li>• Clustering</li><li>• File copying</li><li>• Software distribution</li><li>• Scenario generation</li><li>• Workload balancing</li></ul>



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For more information on Quest Software's Output Management Solutions for MPE, please call 949.754.8000 or visit us at [www.quest.com](http://www.quest.com).

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