

(Continued from previous side)

■ **PSF Interface**

Supports PSF directly, with full elimination of detours through JES. AFP printers are seamlessly supported and end users may control their own AFP printers.

■ **Industry Standard Architecture**

The system's architecture conforms to accepted standards, utilizing standard IBM software interfaces. RMS/Spool complements JES2 and JES3 and fully replaces DSPRINT and JES328X and any other brand of VTAM printer control system.

■ **Easy Installation**

RMS/Spool installs with no changes to the operating system, and can be installed with or without SMP/E. The system is available in a VSE version, provides support for migration from VSE to MVS and continues to run while printers are being added or removed.

■ **IP Print Support option**

RMS/Spool (ESF) supports printing of reports using OS390 and z/OS LPR capabilities. All control capabilities (i.e., re-queue, copy, change destination, reprint, and viewing) are available to users to control the delivery or re-delivery of print files. Full retention capabilities are a standard part of the architecture; retention characteristics may be varied by node to accommodate user-specific recovery requirements.

■ **Powerful Recovery Capabilities**

RMS/Spool lets you easily reprint lost output and backspace-print any number of pages in a report.

■ **Multi-access Spool Feature**

Allows up to seven CPUs to access the same report repository and utilize all RMS/Spool facilities on all CPUs.



The Mantissa Product Family (ADMS)

Advanced Datacenter Management Solutions

Advanced Output Management (AOM)

The Report Management Systems (RMS)

RMS/Online®	RMS/DeskTop®	RMS/ArchiveManager™
RMS/Spool™	RMS/WebAccess™	

Advanced Systems Operation (ASO)

The Operations Productivity Systems (OPS)

OPS/JobMaster®	OPS/CenterSPOC™	OPS/DiskMaster™
OPS/RunMaster®	OPS/JCLMaster™	OPS/TapeMaster™
OPS/ConsoleMaster®	OPS/TapeMaster™	OPS/Server™

The Company Behind the Products...

In 1980 Mantissa was the first company to deliver a mainframe **Automated Report Distribution and Output Management** system to the marketplace. Since that time we have led the way in developing systems to meet the real-world needs of data centers throughout the world. Contact your Mantissa Representative to learn more about how **Mantissa's RMS — The Report Management System™** can help your organization meet its output management, report availability, and paper reduction goals.

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ADMS, Advanced Datacenter Management Solutions, AOM, Advanced Output Management, ASO, Advanced Systems Operation, AEM, Automated Environment Management, RMS/Spool, RMS/DeskTop, RMS/WebAccess, Devops, Idr, Performance, Positive Identity Control, RA, SynerPiece, Mantissa Directions, Infinite Operational, L, Oracle and IO, The Report Management System, RMS, RDMS, QSERV, RMS/Mantissa, The Mantissa logo, THE REPORT MANAGEMENT SYSTEM, RMS, RDMS, QSERV, RMS/ONLINE, IBM, OS/390, RMS/DESKTOP, OPS/MASTER, JOB/MASTER, RUN/MASTER, and CONSOLEMASTER are registered trademarks of Mantissa Corporation.
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Advanced Output Management™



RMS/Spool™

RMS/Spool™

Unconditional Power for Data Transport and Control

RMS/SPOOL™ gives you absolute control of your spooling and data-transport environment. This multi-access spooling facility delivers true 24x7x365 operation for continuous, reliable management of your spool files and printing activities. The system delivers truly efficient spooling and data transport, with distributed control of PCs, printers and display terminals throughout the enterprise.

RMS/Spool puts the power of automation at your total command.

A to Z spooling and data transport

- ◆ RMS/Spool provides the entire range of spooling capabilities in a powerful, independent environment. Its advanced facilities let you control your spool files and printers with no data center involvement.
- ◆ Efficiently exchange data between programs.
- ◆ Seamlessly transport data to multiple CPUs for printing and report distribution.
- ◆ Group PCs, printers and display terminals into logical network groups for printer backup support and security.
- ◆ Download mainframe reports to RMS/DeskTop™.
- ◆ Enhance the use of your existing hardware and software. Enjoy fully independent spooling and report delivery capabilities.

RMS/Spool gives you more effective control of your data --- for a more effective enterprise.

Limitations, what limitations?

Information is crucial to every part of the enterprise. Success depends on the ability to access, distribute and print information whenever and wherever needed.

Many spooling systems that are meant to enhance control end up restricting it. Limited capabilities won't handle the workload. Incompatible command structures frustrate efficient printer management. Resources are poorly utilized. Users lose control of the printing process. Productivity drops. Efficiency is reduced. And the entire organization suffers.

RMS/Spool shatters these limitations by delivering powerful, completely independent spooling and report delivery capabilities. With RMS/Spool, spool files and printers are controlled without the need or expense of data center involvement. Files are easily created, retrieved and transferred from numerous applications. Users manage their own print queues, routing spool files to any desired printer or output mechanism.

RMS/Spool gives you full control of your data --- Without the limitations.

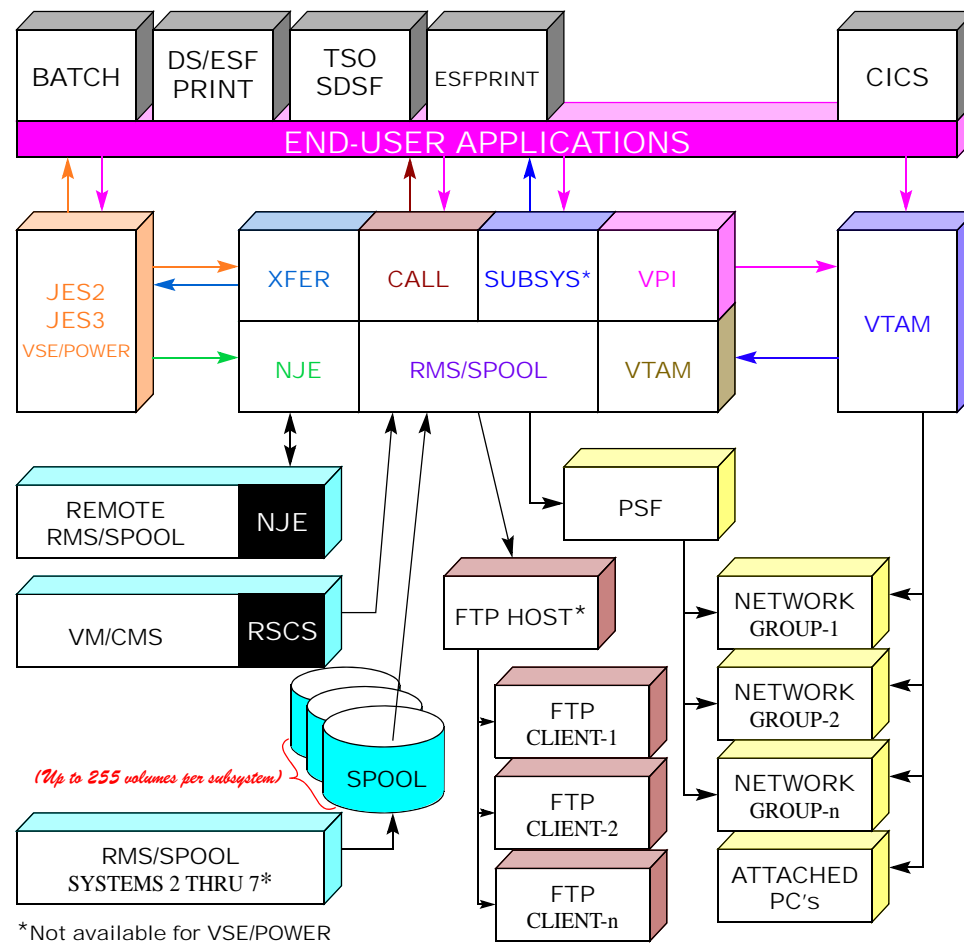
The T-REX of Distributed Print Management Systems

We don't believe you can overload it no matter how caustic your production environment happens to be. The system can manage up to 1.2 million active files per subsystem. Individual files can be created at a rate of 50 per second (even in a multi-access spool environment). RMS/Spool has a unique repository for managing files. It's lightning fast, lean and incredibly responsive.

Distributed Control is control where you need it

Some print management systems use a "Print And Drain" approach. Overhead with these systems is horrendous because, among other things, each active print session has to have a separate JES2/JES3 or Power/VS spool access session. It's a bad idea waiting to happen. Add about 200 printers (or any number for that matter) and you'll see that JES2 was never designed to handle thousands of printers.

"Print and Drain" systems are even worse when you consider recoverability. What happens if the user spills coffee on that just-printed report 15 seconds after JES2 discards the report? Ouch! It's not a problem with RMS/Spool. Spool permits reports to be retained for as little as 1 hour or as many as 8000. User's can override the retention at any time via the menu by changing the retention or permanently



holding the report until further disposition is determined. Once the retention time is set by default, node, or the user, deletion is automatic.

Multiple printers and display terminals may be collected into logical access-secured groups representing the existing VTAM and TCP/IP controlled devices. Terminals and printers may be added or deleted while the system is operational. Within the logical device groups, users are independent of the systems operator and in total control of their print files. Device pooling capabilities based on security groups and physical printer proximity mean that no user ever has to be stopped in their tracks again due to a hardware failure.

Superior features to benefit your bottom line

RMS/Spool delivers the power and capabilities you need for total automated control of all spooling and data transport activities. The system installs quickly with no changes to the operating system, and provides continuous 24x7x365 operation for a fast and continuing return on your investment. With RMS/Spool you'll gain the power, flexibility and control you need for true data center efficiency.

The system's numerous features and benefits include:

Advanced Input Interface

RMS/Spool provides numerous file creation, retrieval and transfer options. Files can be created via the CALL interface from applications in all environments, with additional support for the JCL SUBSYS DD statement, Virtual Printer Interface (VPI), and CICS Hardcopy facility (for screen prints). Files may be transferred via NJE interface (from JES2, JES3, RSCS, POWER, AS/400 or other RMS/Spool systems), External Writer Interface (from JES2 or JES3), and by selected Output Classes (from JES2 or JES3). Additional command processors are also supported.

Full NJE Interface

RMS/Spool is a true member of the NJE family, with remote system support, job submission under the user id of the spool file creator and the ability to transfer files between NJE node

Report/file Transfer

RMS/Spool files can be moved from mainframe to mainframe and automatically transferred to network-connected printers. You can control the network print delivery from one address space. If you have an OS/390 system in Australia, one in White Plains and another in Seattle, the RMS/Spool system on the White Plains system can manage the delivery and/or printing of all the reports generated in all three places. Files generated for print in the other two locations are simply shipped to the other sites via NJE with all the attributes intact. Users reference the same printer IDs in all three locations.

Security

Comprehensive security features include multiple levels of access for specified users; security checks at file, printer and command level, and the ability to restrict access to the security facility. In addition to internal security, the system also interfaces with RACF, CA-TOPSECRET and CA-ACF2.

Easy-to-use Menus

RMS/Spool menus allow you to easily control spooled files and printers with no need for long, complicated commands. The menu interface is available from three different environments (TSO, CICS, IDMS/DC). Regardless of the environment the menus are identical. In each supported environment, the user has the ability to tailor the menu to meet enterprise requirements. Native support is provided for five menu languages; English, German, Spanish, Danish, and French. The system supports the use of any 327x VTAM controlled display terminals.

Online Help

Context-sensitive help is available online during system operation.

Browse Feature

This powerful capability lets you quickly scan through spool files, scroll and position the display, search files for specified character strings or by row/column, and mark parts of a file for printing.

File Management

RMS/Spool displays spooled files and their attributes, letting you hold, release or change file queuing as desired.

Flexible Spool Administration

RMS/Spool is designed for nonstop operation with no need to reorganize the spool. Advanced data compression saves storage, and batch facilities are provided for archiving to tape or disk. Spool files can also be automatically purged after predefined intervals.

Extensive Printer Support and Control

Automatically acquires printers and optimizes their use by operating them at maximum throughput levels. Sends form mount notifications, prints with full FCB support and release printers when no work is pending or on request by another application. Includes support for various laser printers, support for dozens of 327x-type printers and data compression for LUI printers. RMS/Spool also allows users to save time and increase productivity by controlling their own print queues. RMS/Spool includes the ability to quickly determine what printers are available and the status of printers. Spooled files can be routed to any desired printer. Selected reports, files or pages may be routed to other users' report queues.

FTP and SNA file transmission facility

Files may be transmitted to remote network nodes using either SNA or TCP/IP FTP capabilities. SNA transmission can be configured to use Limpel Ziv compression, resulting in dramatically reduced transmission times.

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