

Mantissa: The Power of Experience

For two decades Mantissa Corporation has delivered the power of automation to data centers worldwide. Power not only to answer immediate requirements, but to meet the needs of the expanding enterprise as well. Mantissa invented automated report distribution and output management in 1980. Since that time, we have continuously led the way in developing systems to meet the real-world needs of data center automation.

A philosophy as unique as our products

Our one and only business is the development and support of data center management systems. This focused business footprint gives us a special understanding of your current needs and a strategic vision for tomorrow.

Mantissa offers comprehensive, integrated solutions for automated job scheduling and output management. Even more important, we offer the power of the future — every product we deliver is designed to fully utilize existing and developing technologies.

Technology to address the human side of automation

At Mantissa, we know that automation is far more than technology — it's also people. That's why we provide exceptional levels of personal service and support. Our staff of experts is available to answer your questions, give advice and listen to your suggestions. Our support services, like our products, are second to none.

Experience, vision and personal service; are all part of our total commitment to your success. They are all Mantissa.

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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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™



AOM: Advanced Output Management™

The "RMS" Family



ADMS, Advanced Datacenter Management Solutions, AOM, Advanced Output Management, ASO, Advanced Systems Operation, AEM, Automated Environment Management, K2C, Spool, RMS/DeskTop, RMS/ WebAccess, Devops, I/O Performance, Positive Identity Control, P.A., SynerPiece, Mantissa Directions, Infinite Operational Drive and IO Performance, Mantissa Management, Mantissa Management, Mantissa Management, Mantissa Management, THE REPORT MANAGEMENT SYSTEM, RMS, RDMS, QSERV, RMS/ ONLINE, RMS/PCOPY, RMS/DESKTOP, OPS/MASTER, JOB/MASTER, RUN/MASTER, and CONSOLEMASTER are registered trademarks of Mantissa Corporation.
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AOM AND THE RMS® FAMILY

The Challenge: A Need for Advanced Automation

Today's data center faces increasingly complex and rigorous demands. Massive amounts of information must be stored, accessed, reported and distributed. Time is critical. Security must be absolute. As user expectations spiral up, efficiency has to improve and costs have to go down. Perfection is expected and conflicting demands challenge even the best organizations.

The need is for automation. The solution is Advanced Output Management.

The power of Advanced Output Management

Advanced Output Management (AOM) from Mantissa is the most powerful automation solution available for report distribution and output management. AOM consists of RMS/Online, RMS/Spool, RMS/DeskTop and RMS/WebAccess. Together these systems deliver the robust capabilities, extensibility and reliability crucial to today's data center operation. No other system offers the power and capabilities of AOM. No other system even comes close.

Beyond the quick fix

In the years since we invented the technology, several other products have been developed which offer the basic benefits of automated report distribution. Such benefits as control and reduction of printed output, reduced distribution errors and decreased application maintenance are now easily achieved.

AOM goes well beyond those benefits to deliver a cohesive, tightly integrated, complete solution. With AOM you'll enhance the usability of information, far exceed user expectations, gain maximum use of existing systems and facilities, and position your company to take full advantage of future advances in technology. You'll recover your capital outlay in record time and never find yourself against a wall that will stop you short of achieving your goals.

An output management strategy that has been refined for 20 years

RMS/Online, the foundation of AOM, is one of the most powerful automation solutions available for Big Iron report distribution and management. Over two decades of refinement enables Mantissa's RMS to support some of the highest volume data center installations in the world.

No other system offers the power and capabilities of RMS/Online. Its unique AFTER (Asynchronous Functional Task Execution and Resolution) architecture gives it capabilities that reduce overhead and save processing time. AFTER is a completely different approach to output management based on 20 years of experience. Simply put, AFTER technology is a complete re-examination of core output management requirements that shifts non-essential tasks to other asynchronously executing tasks. AFTER can give you up to 5 times the performance and throughput of competing report management systems. The result is that information is delivered faster and system bandwidth is increased to give you incredible capacity. RMS/Online® delivers the robust capabilities, extensibility and reliability crucial to today's data center operation.

The Power of Vision

As recently as 1980, no automation systems were available for report distribution and management. Reams of paper were printed in the data center, then studied line-by-line and page-by-page to find and extract useful information. Details were manually retyped into meaningful reports, which were then mailed, shipped or hand-carried to the user. Information distribution was expensive. Reports were often too late and full of errors. As data centers grew, so did the problems of reporting, distributing and tracking information. Not to mention the forests destroyed to supply all that paper.



More than a simple solution

Mantissa saw the problems and solved them by developing RMS – the world's first report distribution and management software product. RMS represented breakthrough technology which catapulted report management and distribution to new levels of efficiency and productivity.

But The Vision didn't stop there. RMS delivers far more than a simple solution to immediate problems – its open design and extensibility help you confront the constantly shifting landscape of technology. The system's power keeps your operation efficient and productive no matter how quickly your company grows.

The Power of Reliability

Corporations worldwide depend on RMS for trouble-free operation. It is absolutely the most powerful, capable and reliable report distribution and management system available. Our customers are among the most demanding data centers in existence, and include the largest banks in the world. The unlimited capacity of RMS lets it handle operations where the smallest error or delay can cost millions of dollars. These operations utilize RMS around the clock to manage the flow of massive amounts of information.

Mission critical is an understatement

With RMS, 24x7x365 operation is a reality. You never shut down your system for back-ups or restores. This non-stop capability gives you reliability beyond the standard — your operation is assured during peak operation loads, when uptime is crucial and downtime can be disastrous.

Imagine managing one billion lines of report data in one day. Consider 2 terabyte capacity, 1.9 million viewable reports per month. Imagine processing 700,000 transactions per day against a single repository with sub-second response times.

No other system anywhere can handle this level of activity as efficiently. For AOM, it's all in a day's work.

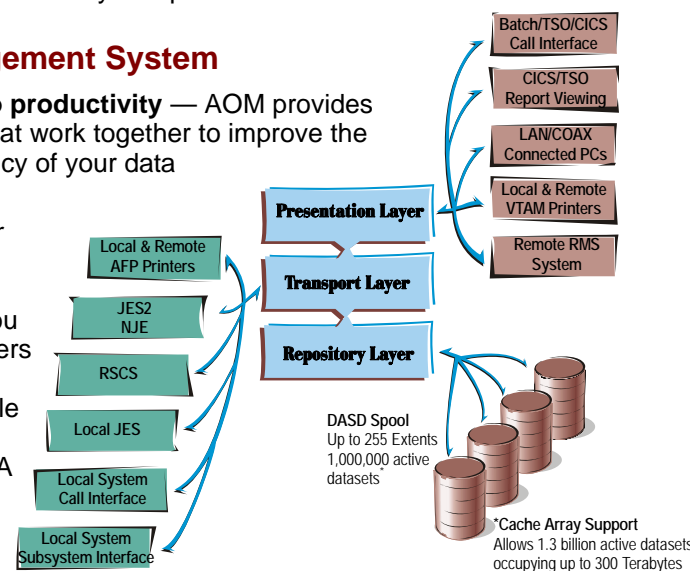
The Power of Flexibility

AOM systems represent the most cohesive and comprehensive family of products available for report distribution and management. AOM is both vertically and laterally cohesive. This means that each AOM product is compatible with all other Mantissa products as well as the other systems and applications you use. Our layered approach allows you to install your system all at once, or build the system one step at a time. This flexibility lets you add and refine components to meet your specific needs.

The Report Management System

A layered approach to productivity — AOM provides three powerful layers that work together to improve the productivity and efficiency of your data center.

The **presentation** layer delivers important capabilities for report output. For example, you can replace VTAM printers with AFP printers, or deliver reports to multiple desktop systems rather than on paper or via SNA or TCP/IP networks.



The **transport** layer allows integration with remote systems. Network your system regardless of location — whether across the hall, town or continents.

The **repository** layer offers virtually unlimited storage management capabilities. Whether you want ten thousand reports online or a million, a gigabyte or even a terabyte of capability, AOM has the power to manage it.

A Family of Uniquely Capable Products

AOM is a cohesive and comprehensive family of products which automates the distribution, viewing and tracking of computer-generated reports. AOM fully automates all daily report distribution activities. The system automatically handles packet creation, banner page generation, tracking and archiving of reports from multiple applications (mainframe or PC). Reports are automatically directed to print, VTAM device, microfiche, online viewing, PC or other media. With AOM you can achieve a paperless report distribution strategy, with redistribution possible at will, by the page or report.

The layered architecture of AOM gives you the freedom to install the entire system all at once or one component at a time. Each component you add results in significant cost reductions and improvements in productivity for a quick return on your investment.

The RMS Family

RMS/Online — makes reports from your applications available for viewing, automatically bundles, tracks and archives reports, and also directs reports to RMS/Spool for output and distribution. With its unique windowing capability, RMS/Online will display up to nine reports in a single viewing in an online mainframe environment through CICS or TSO.

RMS/Spool — this multi-access spool product manages VTAM print networks and performs the full range of spooling tasks. Spool also provides the capability to download mainframe reports to RMS/DeskTop. In addition, RMS/Spool has a unique call interface that permits spooling and retrieval of information from applications in batch, TSO, and CICS environments.

RMS/DeskTop — Automatically view mainframe reports distributed to PCs throughout the enterprise. Internet access to mainframe reports is also available through the integrated WebAccess interface.

With DeskTop, you'll have the ability to window multiple reports for on-screen data comparisons, perform data extraction and conversion from mainframe reports into Excel, dBASE and other PC formats, and print if you just have to have paper.

RMS/Desktop Archive Manager — Now you can easily generate offsite archives or self-contained RMS/DeskTop repositories for distribution with the RMS/DeskTop Archive Manager (DT/AM) add-on.

DT/AM provides a fully-integrated archive and distribution mechanism for RMS/DeskTop. Accessing archived data is just as easy as it is for the data residing in your live repository. In fact, both your live and archived data appear alongside each other in the RMS/DeskTop Explorer!

DT/AM works with a multitude of storage devices, including DLT tape, CD-R, Zip disks, or any storage device that provides drive letter access.

RMS/WebAccess — Permits viewing of legacy data by any browser, any time and any where you have internet access, without compromising mainframe security. WebAccess is an application service that allows access from an ordinary web browser through CICS Transaction Server to legacy mainframe data. Report data is available over the internet the moment the data is ready on the mainframe. RMS/WebAccess installs on many web server platforms and is certified to run on Microsoft Windows, Intel Linux and Linux/390 servers.

With RMS/WebAccess, you can extend access to business data securely to anyone granted mainframe security access anywhere in the world.