

The Mantissa Technology Platform

Technology	Mantissa Software Solution
Front-end	<ul style="list-style-type: none"> Use any JavaScript-enabled browser, including Internet Explorer 5.x and Netscape Navigator 4.x or 6.x 100% pure HTML and JavaScript -- no plug-ins required Runs on Windows 95, 98, NT, 2000, XP, Macintosh, Linux and Unix platforms Build on the systems already deployed
Reporting	Compatible with most report tools that accept XML as input, including: <ul style="list-style-type: none"> Crystal Reports Microsoft Access and Excel Other ODBC or SQL compliant reporting systems
XML	<ul style="list-style-type: none"> Uses XML to interface between the client and server Data interfaces support XML allowing you to develop custom interfaces into our system quickly and easily
E-mail	<ul style="list-style-type: none"> Microsoft Exchange Lotus Notes Compatible with any other SMTP based e-mail systems
Web Server	<ul style="list-style-type: none"> Apache on Windows NT, Windows 2000, MVS, or Unix Microsoft IIS Lotus Domino
Server Platforms	<ul style="list-style-type: none"> OS390, z/OS, VSE Windows NT, Windows 2000 Solaris Linux, HP/UX, AIX, and other Unix versions MVS AS/400 Other Java-enabled platforms can be certified
Application Servers	<ul style="list-style-type: none"> IBM WebSphere Apache Tomcat BEA WebLogic Netscape iPlanet Oracle Application Server Other J2EE-enabled servlet containers can be certified <p><i>NOTE: Multiple application servers (on different physical computers) can be utilized to scale the system to large volumes and improve reliability</i></p>
Deployment	<ul style="list-style-type: none"> Run on your equipment, or We will provide appropriate hardware choices
Scalability	<ul style="list-style-type: none"> Multi-tiered design permits flexible deployment Multiple servers can be configured for larger organizations Support thousands of employees and concurrent users on a single server
Security	<ul style="list-style-type: none"> Application User IDs/passwords Multiple layers of security SSL Browser security - client side and server side LDAP directory server integration and authentication

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, K/S/Spool, RMS/DeskTop, RMS/WebAccess, Devops, Idle Performed, Positive Identity Control, P.A., SynerPiece, Mantissa Directions, Infinite Operational, L Drive and IO, Performance Management, Performance Management, Performance Management, The Mantissa logo, THE REPORT MANAGEMENT SYSTEM, RMS, RDMS, QSERV, RMS/Online, RMS/Spool, RMS/DeskTop, OPS/MASTER, JOB/MASTER, RUN/MASTER, and CONSOLE/MASTER are registered trademarks of Mantissa Corporation.
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Advanced Output Management™



RMS/ WebAccess™

RMS/ WebAccess™

RMS/WebAccess Features

Near-Zero Training

- Browser-based simplicity: if you can surf the internet, you can use RMS/WebAccess
- Familiar "windows" type full-featured GUI. Content Directory for point and click access to any directory row
- Powerful Directory/Document search and navigation capabilities
- Extensive "Help"

Simple Deployment

- No applets, applications or plug-ins to deploy. MVC three-tier architecture is reliable and proven for web-based applications
- Wide range of supported servers: Flexibility with your platform
- Web server platforms include: Windows 2000, NT, XP, VM, Linux, Linux/390 and OS390/z/OS
- Intuitive design: Access your mainframe reports with your existing environment

Viewing Finesse

- Immediate access to all legacy reports: If it's on your mainframe, you can get it anytime, anywhere
- Report layout continuity, hard copy and soft copy look the same with forms control buffer mapping
- Version drill down for quick access to dated reports: User defined retention allows access to back dated information that you may need in seconds
- Simple and complex search capabilities: Use a simple keyword or complex text search for first and all occurrences
- Single click window expand/contract
- Individual user report organization for fast access to reports via "MyWork" and "MyFavorites" tree
- Directory Show/Hide, window size memory for reduced scrolling
- Email a single page, multiple pages or an entire report with on-the fly conversion to Excel, PDF, XML, CSV or ASCII text
- Output page, range or report as Excel, PDF, XML, CSV or Text
- Offline reports can be selectively restored for viewing or printing on the host system
- Host or local print capability of entire report or individually selected pages
- Theme Management System for customizable look and feel

Extensive Annotation capabilities

- Point and click posting of comments on page, pages or on reports with "sticky" note annotation icon
- Edit or delete comments with a simple click of the mouse
- Annotations secured for authorized view only
- Email pages of a report or entire reports complete with annotations
- Source and status tracking with each annotation including date, time, author and note contents

Navigation

- "Find" function used for text string (simple or complex) searches with:
 - First Occurrence - input is highlighted and moved to the top of the Report Summary list
 - Next Occurrence - sequential search of next input hit
 - Previous Occurrence - jump from next to previous hit with one click
 - Last Occurrence - final input hit is highlighted and moved to the Report Summary list
- Unique "Watch" feature that passively monitors for user specified keywords. Watch indicator "flags" data occurrences with red arrow
- Vertical and Horizontal scroll bars to aid in viewing entire report
- "Show/Hide Tree" minimizes/maximizes Content Tree pane to gain wide view of Directory contents
- "Find Next Annotation" allows you to quickly go to and review annotations within a report

Security and Scalability

- Uses existing mainframe security, user id and password. Report information never leaves the mainframe
- Secure Socket Layers (SSL) browser security - client side and server side
- Encrypted Channel Protection - Up to 128 bit
- Scalable and tested: Multi-tier design supports thousands of concurrent users and allows expansion as your company grows
- Java-based server code allows choice of server platforms. Multiple servers can be configured for larger organizations

Making the Right Technology Choices

The technology behind the software you choose for web delivery of mission-critical reports should be carefully evaluated. Making the right choice provides substantial savings of time and money over the life of the system. Mantissa's RMS is designed to be one of the most flexible in the industry. Reliable, scalable and easily integrated into current as well as future technologies. RMS/WebAccess offers the following characteristics to any enterprise class system that will be widely deployed:

- **Open standards** — Industry-wide acceptance of the development tools, and other components of the application. XML interface provides easy integration with other systems
- **Scalability** — A multi-tier design to support hundreds or thousands of concurrent users. Even if you don't need a scalable system today, you may tomorrow as your organization grows
- **Thin client/web based** — Accessible via web browser to eliminate workstation installation costs and provides a familiar user interface for your users



RMS/WebAccess™ 3.x by Mantissa Corporation — Advanced Output Management Systems

RMS/WebAccess brings mainframe report data to your desktop instantly, anytime, anywhere you have Internet access.