



# OUTPUT MANAGEMENT

*a closer look*



User Driven Software Solutions Since 1982

**SOFTWARE ENGINEERING OF AMERICA®**

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## OUR PRACTICE

**“TO HELP OUR CUSTOMERS MEET THEIR OUTPUT MANAGEMENT CHALLENGES WITH THE MOST FLEXIBLE, RELIABLE, COST-EFFECTIVE SOLUTIONS”**

Customer service requirements, regulatory compliance, “green” initiatives, a highly-mobile workforce & minimizing IT costs are just a few of the major challenges that organizations face today in effectively managing mainframe output. Ensuring that a business remains competitive requires greater levels of automation in output management. Since its establishment in 1982, Software Engineering of America (SEA) has built its reputation as a leader in output management solutions by helping our worldwide customer base overcome these challenges with premier software & unparalleled expertise.

## ENTERPRISE OUTPUT MANAGEMENT

SEA Output Management products provide best-of-breed management solutions for the Viewing, Archiving, Distributing and Printing of Reports and System Logs output in the IBM z/OS Enterprise Environment. With SEA Output Management technology, companies can:

- Reduce paper cost by enabling users to access data through online viewing capabilities
- Automate all the functions inherent with report management
- Securely manage company mission critical application output
- Ensure timely and accurate report distribution based on automatic rules
- Automate SYSOUT/SYSLOG functions

## ARCHITECTURE

The SEA Output Management Solution consists of two components, TRMS and \$AVRS, and are built on Industry Standards that have long proven to be the most reliable and secure environments for collecting, storing and presenting/searching large amounts of data. The dynamically reusable and compressed VSAM database is self-maintained, providing an efficient use of DASD. Multi-threaded processing for report accumulation, viewing, printing and archiving provides a timesaving environment for managing mission critical data.

## PROACTIVE SYSLOG MANAGEMENT

The \$AVRS component is designed specifically to cope with Sysout, Syslog and JES datasets to enable this operation and support personnel to proactively comply with IT service management best practices (ITIL)

- Integrate with incident management systems with incident management systems
- Help operation and support to mitigate outages and problems
- Prepare information for system audits
- Minimize manual intervention and archive data management

SEA advanced Middleware Technology provides a bridge to integrate other platform system Logs into the \$AVRS platform

## REPORT DISTRIBUTION AND ARCHIVE BROWSE

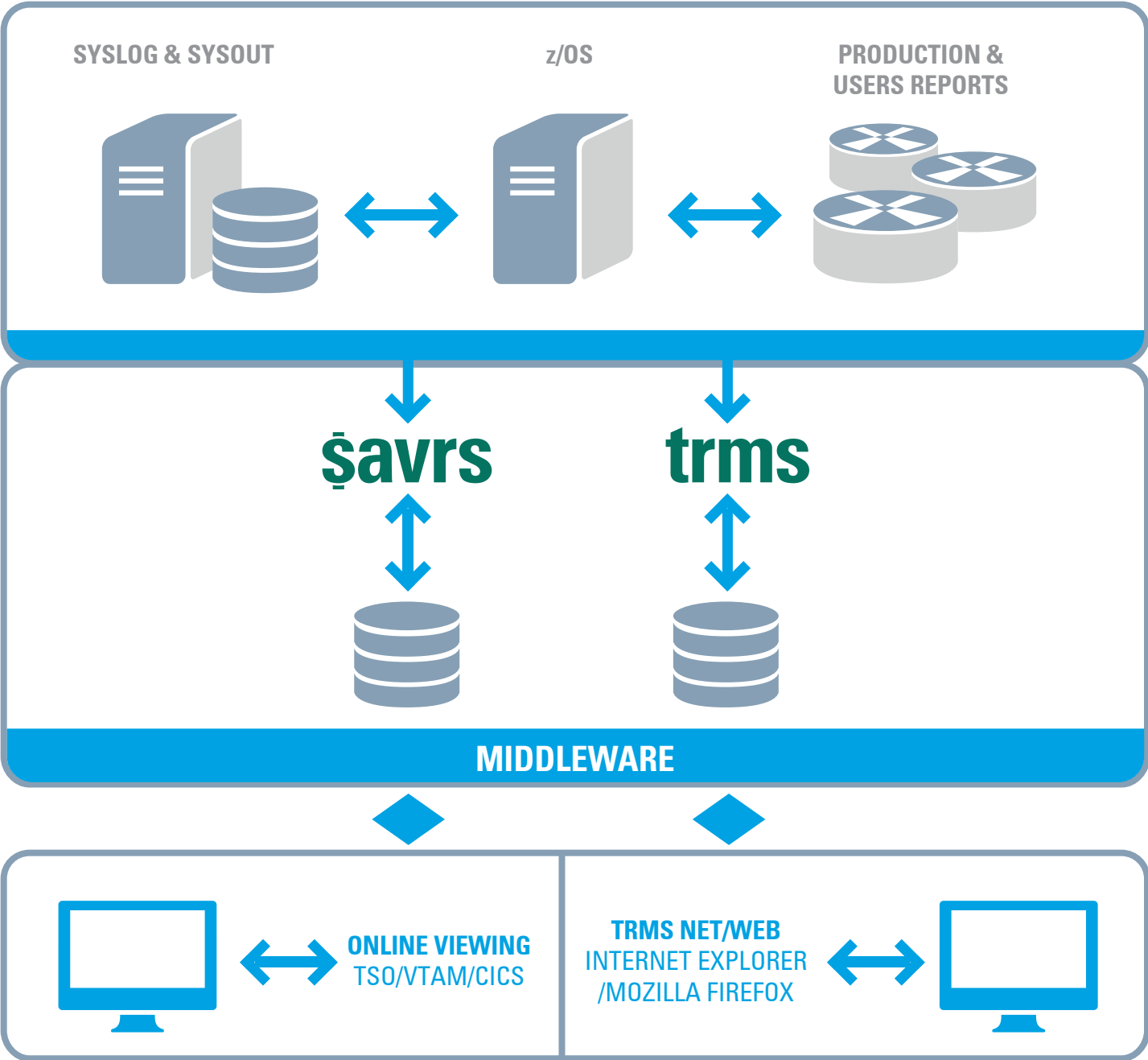
TRMS is the application layer that automates the management and distribution of the enterprise application reports. The main functions/processes can be summarized as:

**COLLECTING - BUNDLING - DISTRIBUTION - ON-SCREEN VIEWING - ARCHIVAL - PRINTING**

TRMS standard breaking logic will automatically decollate and group reports for each individual User, department or line of business.

The Archive Browse is a TRMS feature that provides immediate access to archived reports and enables them to be viewed directly from tape, optical or DASD, replacing the expensive report restore process. TRMS archive supports SMS, multi-level archival, tape stacking and interfaces with any tape management system.

# SEA ENTERPRISE OUTPUT MANAGEMENT ARCHITECTURE



## ONLINE INTERFACE

SEA offers a TSO/ISPF menu option and a VTAM Common System Interface (VCSI) support for either native VTAM or CICS access. The z/OS online interface provides a comprehensive operator interface for monitoring and controlling the system. The Annotation and Acknowledgment feature allows users to add commentary and other information to be associated with a job's output, and to specify an acknowledgment code which is listed as part of each job's directory entry.

In addition to the z/OS online interface, TRMS offers a WEB interface that delivers a single point of access across the enterprise. This feature enables accessing output and reports from virtually anywhere. Users have the ability to find any text string within the report and an easy to implement method for Cut & Paste. TRMS net/web users can also receive an e-mail notification. The user can receive a URL to connect to the report via TRMS net/web or they can receive a copy of the actual report.

# OUTPUT MANAGEMENT

## SEA - SOFTWARE ENGINEERING OF AMERICA

Established in 1982, Software Engineering of America (SEA) has built a worldwide reputation as a leading provider of IBM Mainframe and IBM i optimization, automation and security solutions with products licensed at thousands of enterprises worldwide, including 9 of the Fortune 10 and over 85% of the Fortune 500. SEA provides a full line of mainframe solutions covering all aspects of automation and optimization including Batch Performance & Optimization, JCL Management, Report & Output Management, RACF Security Management, Console Automation and a full line of IBM i Security and System Monitoring solutions.

**SEA™**

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