trms
Report Management

trms

TRMS is the Total Report Management Component for Viewing, Archiving, Distributing and Printing of Reports and other production output in the IBM z/OS Enterprise Environment. TRMS provides an accurate and secure display, archival and distribution of your mainframe data in a timely manner ensuring real dollar savings in paper costs, printer overhead and by eliminating the need for physically distributing hardcopy reports.

TRMS FEATURES & BENEFITS

RESOURCE EFFICIENCY
- Self-Maintained and compressed database (VSAM Structure)
- Automatic archive/purge processing
- Retains only one copy of each report in its database, regardless of the number of distribution or recipients
- Intelligent user-defined retention days or cycles
- Multi-threaded processing for report accumulation, viewing, printing and archiving
- Multiple database support
- The Archive Browse feature reduces restore time and offers an instant mechanism to view historical data
- Pre- or Post- JES. Perform archival/purge processing while accumulating, bundling, viewing and printing reports
- Middleware to access reports from distributed platforms

ACCUMULATION & ARCHIVE/BACKUP
- Efficient algorithm to speed-up the accumulation and distribution process
- Automatically archives reports
- TRMS archive supports SMS, multi-level archival, tape stack-
- ing and interfaces with any tape management system
- TRMS Archive Browse feature allows the user to easily view archived reports directly from tape, optical or DASD without the need to restore the report to the database

REPORT DISTRIBUTION
TRMS's easy-to-define Break-on-Change or Standard Breaking Logic will automatically decollate and group reports for each individual user or department. Flexible "Trigger" definitions will schedule print distribution of the bundled output and route the output to any printer.
- User-defined rules to generate your reports on regular cycles
- Report grouping and distribution is triggered automatically or manually
- E-Mail notification and distribution
- Automatic decollation and bundling
- Detailed banner pages

- Bundle inventory report
- Reports grouped by department or location
- Support subject index based on either internal report data or metadata

ONLINE VIEWING OPTIONS
Reports can be viewed via the standard mainframe interfaces with TSO/ISPF, VTAM and CICS or through the TRMS Web UI option with most Internet browsers. The browse interface is feature-rich and simple to use. Sophisticated report search facility enables users to find the reports they are looking for quickly using a simple visual selection process. Within a report, users may scroll directly to a desired page, change the number of pages displayed at a time, scroll forward and back or to load the entire report into the browser. Additional menus allow for switching between HTML and PDF view formats and zoom in or out of the page to fit the report as desired to the window.

Users have the ability to find any text string within the report. The Find menu supports Find, Find First, Find Last, Repeat Find, Find Next, Find Previous, Match Case and Match Whole Word. Users have the ability to download reports to their local workstation or server. Reports can be downloaded into Excel, Microsoft Word, Adobe PDF or in HTML and Text formats. When the user clicks on the Download Report Button they are presented with a window containing choices for the file format they require and the pages they want to download.

- TRMS online viewing capabilities go from the traditional z/OS green screen to the access from Web browsers and servers running IIS, Tomcat and others via TCP/IP. The three tier design enables a secure access to reports across the enterprise while lowering the cost of ownership
- STICKY NOTES can be placed by the user on almost every panel or on any report in the trms database. Notes may be made public or private and can also be viewed by an access list

SEA™

trms

Figure 1: JSON REST UI - automatic resizing for different devices

ADMINISTRATION

- Flexible backup controls
- Archive Administration interface
- Intuitive panels for Triggers, Reports, Report Distribution, Distribution Tracking and Archive History functions
- Single batch job installation
- External securing of report resources

INTERFACES

- TRMS interfaces with all popular security systems including RACF, Top Secret and ACF2. TRMS also provides multiple levels of internal security for maximum report data protection
- No hooks, SVC's or Operating System modifications are required. Utilities are included to assist in the installation
- TRMS provides full printer function support, including AFP (IBM) and DJDE (XEROX)

AFP & XEROX TO DJDE PDF SUPPORT

Users can automatically convert and render txt reports with embedded AFP and DJDE code to PDF format. Users can then print and/or view PDFs within a Web Interface.

SUBJECT INDEXING

Within TRMS, users can create indexes that enables searching for values across multiple reports.

IMAGE HANDLING

Images are supported when including them into reports. Users can upload images to the TRMS DB and associate the image with one or more reports.
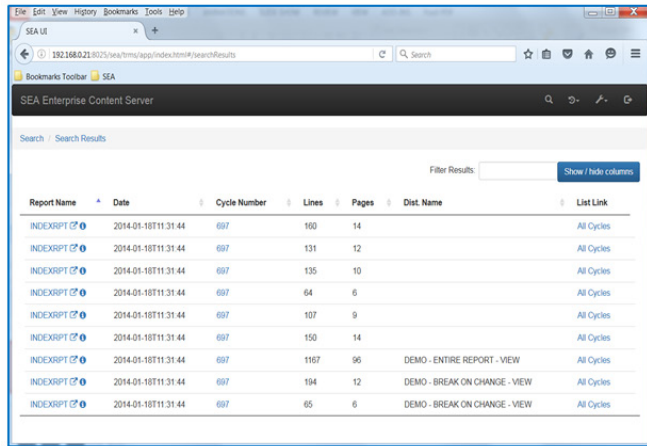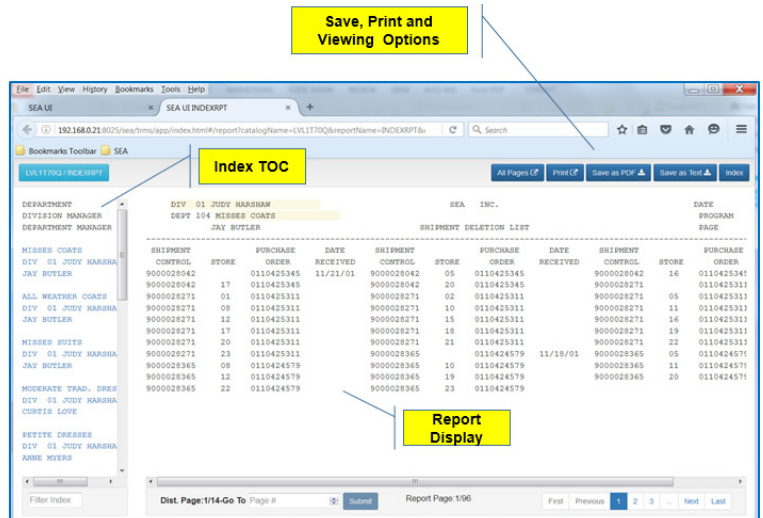

Figure 2: Search result of Reports

Figure 3: Display of Report Content
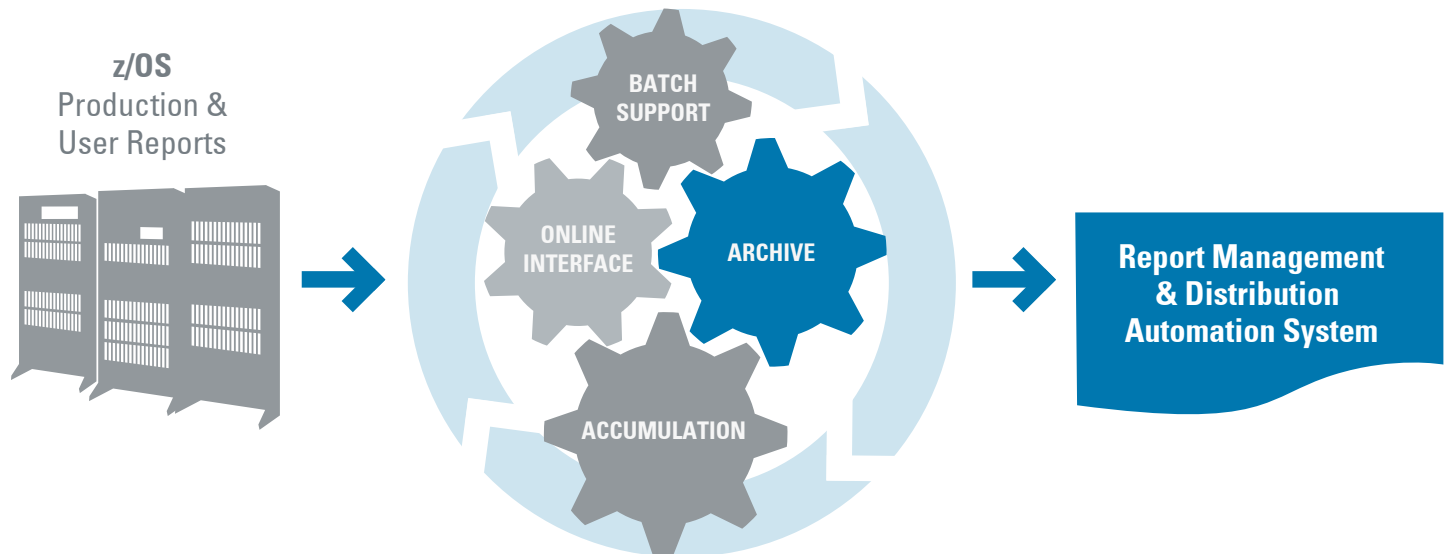
SEA™

OPERATING PLATFORM

TRMS works with the z/OS operating system using JES2 or JES3. It is a non-intrusive based system; it does not require hooks or system IPL. The product optimally uses system resources to improve I/O operations, memory and CPU consumption. TRMS requires a started task to receive reports sent to designated Sysout classes.

TRMS Web UI communicates via TCP/IP and a standard IBM HTTP server.

HARDWARE/SOFTWARE REQUIREMENTS

TRMS runs on all levels of z/OS, JES2 and JES3.

TRMS REPORT MANAGEMENT SYSTEM

z/OS
Production & User Reports

BATCH SUPPORT

ONLINE INTERFACE

ARCHIVE

ACCUMULATION

Report Management & Distribution Automation System

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.