SEA

csar

Mainframe Job Scheduling

User Driven Software Solutions Since 1982

SOFTWARE ENGINEERING OF AMERICA®

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CSAR, the Computer Scheduling and Reporting System, lets you control your data center's production workload by automating job scheduling and reporting. Its ease of installation and operation provide immediate control of all scheduling activity, from data preparation to output delivery.

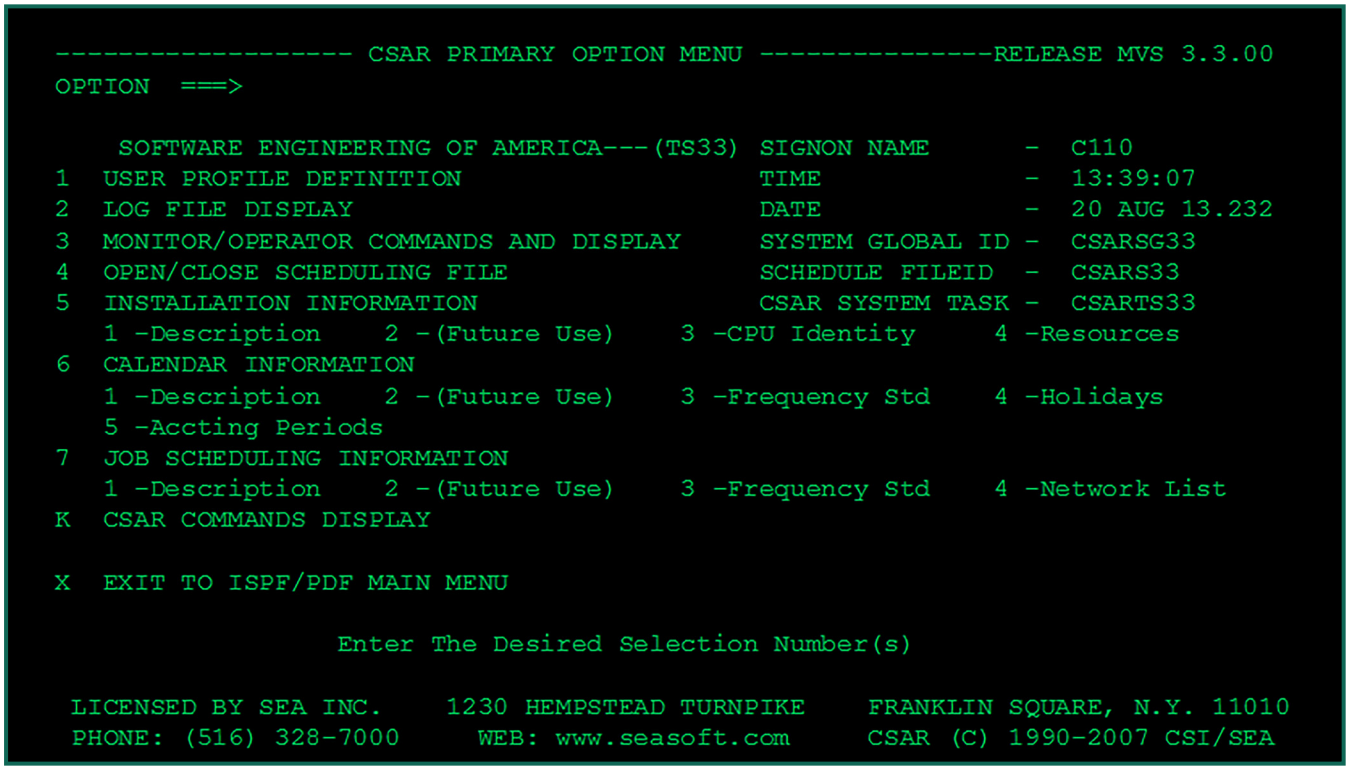
CSAR helps organize existing applications, manage production, track current jobs and evaluate the effects of new jobs. CSAR produces daily and monthly performance statistics, which highlight the on-time performance of jobs, thus allowing management complete control of their batch environment and increasing user satisfaction by consistently meeting service level agreements (SLA's).

CSAR helps organize and control workflow efficiency with detailed operations schedules and flowcharts. It automatically submits jobs in the proper sequence, keeping partitions/initiators busy, thereby improving system throughput and maximizing cost effective use of batch system resources. With CSAR installed, human intervention and associated operator errors are virtually eliminated.

TECHNICAL SUMMARY

CSAR is the complete solution to all your scheduling needs. It provides the computer operations personnel with a tool for improving system productivity by simplifying, organizing and automating your production workload. CSAR uses two master files in its operations. One is the CSAR Scheduling File, which contains job statistics and historical information. All user maintenance is performed against this file which is maintained online. The second file is the Dynamic Scheduling File, which is used to control real time functions of the system. Both are VSAM databases.

PRIMARY MENU



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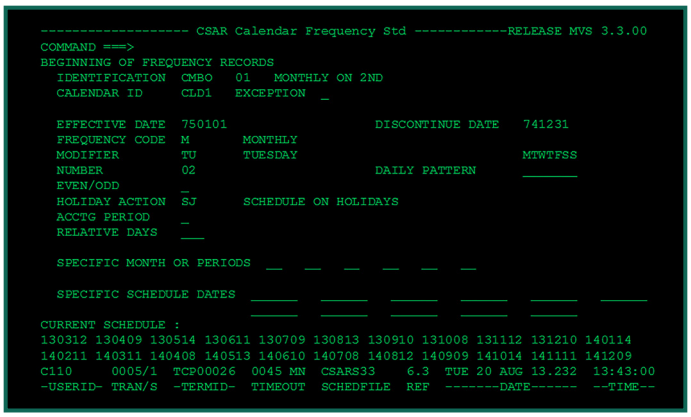
POWERFUL JOB SCHEDULING

CSAR provides a real time facility for scheduling production workload based on multiple calendars, holidays and business days, frequency codes and accounting periods. The ISPF online interface allows for monitoring and making changes to the schedule.

CALENDAR FREQUENCY SETUP



REAL TIME MONITOR

The CSAR Monitor automatically submits jobs based on date, time and successful completion of predecessor jobs. Internal and external security features ensure that only authorized persons have access to Jobs and scheduling commands.

CROSS PLATFORM AUTOMATION SUPPORT

LEVERAGE EXISTING AUTOMATION INVESTMENTS

SEA provides an advanced Middleware Technology allowing CSAR to effortlessly integrate with other Automation Solutions that operate in other dissimilar environments such as Linux, Unix, Windows and IBM i. This middleware framework provides a universal communication bridge and intelligence that enables CSAR to deliver an effective z/OS centric Enterprise Scheduling Solution and eliminate the need for new product investments and/or migration efforts. CSAR can trigger Execs/Scripts on other operating platforms and/or detect the completion of events on other non-z/OS platforms whether SNMP or non-SNMP based.

FEATURES AND BENEFITS

- ISPF-based panels for update of schedule definitions
- Batch update capabilities include mass change/delete
- Multiple calendars which define holidays and business days
- Comprehensive frequency codes, including scheduling by accounting period
- Scheduling of jobs, events and monitor commands, messages and system commands
- Multiple CPU and work center scheduling
- Resource scheduling

FLEXIBLE JCL HANDLING

- JCL may be stored in one or more partitioned datasets, CA-Librarian or CA-Panvalet libraries.
- Users can create “Model JCL” which is then modified at submission time based on run date and parameter values which can be specified by the user. REXX-style functions can be used for string manipulation and date/time handling during JCL generation at job submission time

DATA SET TRIGGER

- Job submissions, monitor command and procedures, and z/OS commands may be triggered by creation, deletion or modification of data sets

REPORTING

- Printed schedules of jobs to be run
- Forecasting
- Statistics on late-running jobs, Abends and reruns
- Job accounting reports
- Scheduling file list with comprehensive cross reference
- Flow charts
- One year schedules by job
- Maximum Condition Code checking
- Job status inquiry, submit job, post events or make changes to the schedule
- Monitor Log
- Full Security internal and external (RACF, ACF2, Top Secret)
- Restrict commands by user
- Restrict access to jobs by user
- Monitor command procedures
- Automated processing available on Abend

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SECURITY

RACF and all SAF (Security Access Facility) compatible security products are supported

ONLINE HELP AND TUTORIALS

- Online help for CSAR messages including a "point & shoot" capability for the monitor and log file screen
- Context sensitive, multi-level help screens

TUTORIAL – MONITOR COMMANDS

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OPTION  ===>


CSAR Monitor commands.
   CHANGE            - Changes the Disposition, CPU or Priority of a Job
   DELETE      DEL   - Removes a Job from the schedule for its next date only
   DISPLAY     D     - Shows current status and selected information about Jobs
   EOJ               - Informs the Monitor of a Job's termination
   FORECAST    FOR   - Displays Job early start or schedule start time
   HELPM             - Activates HELP MESSAGE Processing
   HOLD              - Places a Job in CSAR hold status
   MODE        M     - Sets the operating mode for Job processing
   OUTS        OUT   - Displays scheduled Jobs whose early start time has elapsed
   POST              - Flags an event as complete and processes successors
   PRED              - Shows a Job's or event's predecessor status
   RELOAD            - Refreshes the Security table with a new copy
   RERUN             - Reschedules selected Jobs
   RES         R     - Displays the current usage and availability of resources
   RESTART           - Allows for the restarting of a Job
   RUN               - Submits Jobs which are ready for execution

               (Press ENTER to continue to next page)
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HARDWARE/SOFTWARE REQUIREMENTS

CSAR installs in less than a day and requires no hooks or system Modifications running on all levels of z/OS

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.