

Technology Brief

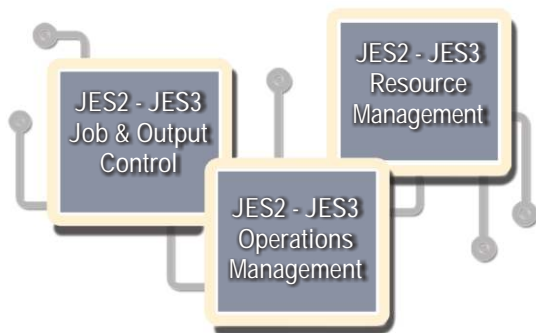


OMC-FLASH™ JES2 - JES3 SPOOL VIEWING & MANAGEMENT SOLUTION

OMC-FLASH is the premier high-performance solution to manage and control both JES2 and JES3 environments - including jobs, output, devices, resources, workflow, and operations - All with one powerful JES-neutral solution.

Using the intuitive OMC-FLASH ISPF interface, you'll personalize your job and output displays to better control JES job processing, and rapidly locate and process critical JES spooled output so you can work smarter and get more done.

Through OMC-FLASH, you'll control WLM scheduling environments and resources, view JES control blocks and the SYSPLEX-wide OPERLOG, and manage your initiators, printers, and DJC NETS to optimize your entire JES2 and JES3 operational environment.



OMC-FLASH Efficient, High Performance JES2 and JES3 Spool Interaction

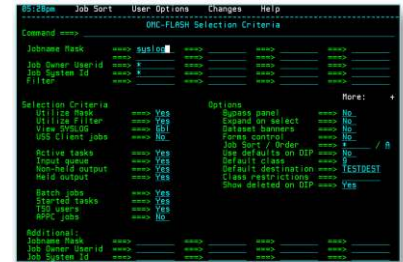
OMC-FLASH utilizes a high performance JES2 and JES3 data collection strategy to retrieve and display requested JES spooled output up to 85% faster and more efficiently than other solutions, without copying, respooling, or additional DASD. In addition, OMC-FLASH is specifically designed to optimize interaction with JES2 and JES3, delivering the requested data with minimal CPU and system I/O to provide the most efficient, effective JES Spool Viewing and Management Solution available today.

OMC-FLASH Powerful and Flexible Job and Output Control

OMC-FLASH provides comprehensive control of jobs and output selection using a standard ISPF interface, and using standard ISPF EDIT macros to process output viewed. Users can easily browse up to the second job status and information, and instantaneously retrieve spooled jobs and dataset output for viewing before, during and after job execution.

The OMC-FLASH Selection Criteria Panel enables users to customize their job selection preferences by any combination of specific job name, job mask, job owner, or user-id, and save the preferred selection profile for future sessions.

OMC-FLASH Job Selection and Data Set Index Panels can be fully personalized through the CONFIG facility, enabling users to customize the exact fields, titles, columns, and information presented. Multiple CONFIG profiles can be created and saved by each user, or by a system-wide administrator, to be recalled and applied as desired.



Jobname	Number	Active Date	Time	Owner	C. Min	Status	Max CC Lines	Hld
INITJES3	3631142	06/20	17:05	INIT	15.33L	act:line	N/A	N/A
INITJES3	3631141	06/20	17:05	INIT	15.33L	act:line	N/A	N/A
INITJES3	3631140	06/20	17:05	INIT	15.33L	act:line	N/A	N/A
TSO	3631137	06/20	17:05	TOPJP	15.33L	act:line	N/A	N/A
TOPJP	3631136	06/20	17:05	*****	15.33L	act:line	N/A	N/A
RDCDDP	3631125	06/20	17:05	*****	15.33L	act:line	N/A	N/A
SYSLIB	3631134	06/20	17:05	*****	15.33L	act:line	N/A	N/A
OMPPRITE	3631117	06/20	16:47	OMPPRITE	15.33B	act:line	N/A	N/A
TOPJP	3631116	06/20	16:47	TOPJP	15.33B	act:line	N/A	N/A
CFCB	3630976	06/19	15:30	UNIZ15	15.33B	Printing	0000	15
UNIZ15	3630795	06/14	13:46	UNIZ15	15.33B	act:line	N/A	N/A
FCBMGR	3630647	06/08	16:32	FCBMGR	15.33B	act:line	N/A	N/A
ISP215	3630581	06/07	13:36	ISP215	15.33B	act:line	N/A	N/A
ACERS	3629949	05/17	13:01	ACERS	15.33B	act:line	N/A	N/A
FL940	3629980	05/16	8:44	*****	15.33B	act:line	N/A	N/A
INITJES3	3629895	05/16	8:44	INIT	15.33B	act:line	N/A	N/A
INITJES3	3629894	05/16	8:44	INIT	15.33B	act:line	N/A	N/A

The OMC-FLASH Job Selection Panel enables users to select jobs for display by any field available for the job.

Use OMC-FLASH Comprehensive Job and Output Control Capabilities To:

- Control JES2 and JES3 Jobs Across All Queues:** input, execution, and output queues.
- Customize Job Selection from JES** by destination, owner, system, writer and/or job class, and more.
- View and Process Jobs, Tasks, Spooled Output,** including batch jobs, started tasks, TSO users, APPC jobs, active tasks, held and non-held output.
- Sort Jobs by Any Criteria,** including CLASS, PRIORITY, WRITER NAME, and column headings, for complete flexibility in viewing spooled output.
- Manipulate Job and Dataset Output,** including browse, cut & paste, sort, find, print, copy to dataset, hold, requeue, delete.
- Use CONFIG to Personalize Display** fields, titles, column sizes, positions. Freeze columns and set highlight colors/modes for fields or lines that match user criteria for rapid identification.
- Display 132 Character Columns,** and scroll Left/Right to easily see specific information.
- Choose JES and Job Related Fields to Display,** including Service Class, SRB usage, TCB Usage, total STEP count, and many, many more.
- Utilize Column Sorting** on the Job Selection, Dataset Index, and JES3 Initiator Displays to swap column order between ascending and descending.
- Use Overtypable Fields** to easily modify CLASS, Status, Form, DEST, WTR name, FCB, UCS, copy count, and many others.
- Define and Save Copy Profiles,** and recall profiles on demand to expedite copy processing. Include output statement names to be used with COPY, and save output statement variables with COPY profiles.
- Control Print and Print Devices,** including requeue, forward and backward space of print jobs.
- Define and Utilize Print Profiles** to automatically customize PRINT (P) and Requeue (R) command processing. Users can save, store, modify, recall and execute multiple print scenarios when desired.

OMC-FLASH JES2 - JES3 Spool Control and Resource Management

OMC-FLASH provides powerful facilities to manage both the JES2 and JES3 environment, and the overall host operating system through the convenient OMC-FLASH ISPF interface. OMC-FLASH JES2 and JES3 Management facilities include:

- **JES Initiator Display** to view and change Initiator status.
- **Printer Status Display** to control print devices and jobs, including stop, start, restart, forward / backward space, vary on / off, or cancel.
- **Display Console Facility** to securely view and utilize the system operator's console from authorized users' workstations.
- **Dynamic CPU Utilization Display** provides a graphical, dynamically updated view of current CPU resource utilization, jobs and processes.

- **Expanded OPERLOG Viewing Facility** to view operator commands, responses, and console information across multiple SYSPLEX systems. Select by Jobname, JobID, and MessageID parameters with support for multiple values to refine criteria and present specific information.



- **JES3 WLM Scheduling Environment & Resource Display** to view and control each scheduling environment defined in the SYSPLEX, along with each job executing or scheduled for execution.

- **JES3 Control Block Viewing Facility** to view both job-related and dataset-related JES3 Control Blocks for in-depth jobs and processes.

- **JES3 DJC NET Display** to modify DJC NETs and display NET-ID, jobs completed or resubmitted, and any missing successors. Users can cancel, flush, and hold the NET and associated output as desired.

- **USS Status Display** to view USS processes through a dynamic table display that supports left / right scrolling, customization capabilities, and USS related line command processing and results.

```

88:36pm CPU Prt Con Init Log OperLog WLM Return
-----
COMMAND ==> OMC-FLASH USS Processes VARSNO SCROLL ==> CSR
-----
Sel Jobname PID Owner Status ASID Command
-----
BPX0INIT 1 BPX0INIT FILE SVS KERNEL WAIT 0025 BPXPINPR
TCPDP 38584484 TCPDP RUNNING 0188 EZBT19SL
TCPDP 18772618 TCPDP RUNNING 0188 EZBT19PF
TCPDP 18772622 TCPDP RUNNING 0188 EZBT19CT
TCPDP 18772628 TCPDP FILE SVS KERNEL WAIT 0188 EZBT19ALS
TCPDP 18772624 TCPDP RUNNING 0188 EZBT19MT
OPPRROUTE 18772625 OPPRROUTE SLEEPING 0031 OPPRROUTE
TCPDP 18772628 TCPDP FILE SVS KERNEL WAIT 0188 EZASASUB
TSP215 03888081 TSP215 RUNNING 0140 TSPRCTL
QTSF8B 03888145 QTSF8B RUNNING 0025 TSPRCTL
***** Bottom of Data *****
    
```

- **Auto Restart Manager Support** to utilize Auto Restart Manager (ARM) services to control restarting the OMC-FLASH server.

- **MVS and JES Command Support** to issue any MVS or JES system operator commands directly from the OMC-FLASH Command Line. Customizable MVS command delimiters enable users to easily enter multiple MVS commands within the same string.

- **IBM Health Checker for z/OS Support** to view Health Checker output and information, and make dynamic, temporary changes to check states and other values. Changes made remain until the check is refreshed.

Comprehensive SYSLOG Display

The Active and Historical SYSLOG Display provides both Global and Local display options delivering full flexibility to specify the preferred SYSLOG options directly on the Selection Criteria Panel (SCP).

Users simply enter the correct parameter to display the desired SYSLOG job as follows:

- Display only the Global SYSLOG.
- Display only the SYSLOG of the Local(s).
- Display only the SYSLOG of the system you're currently on.
- Display both the Global and Local SYSLOG.

A flexible cut and paste facility enables users to further customize SYSLOG views and save the preferred SYSLOG viewing format.

Powerful Batch Processing Utility

The OMC-FLASH BATCH Utility efficiently executes OMC-FLASH functions in BATCH mode. Batch COPY capabilities enable users to copy data from large jobs to their specified output file (//OUTPUT DD) without the TSO session delays often experienced when performing large copy operations.

An OPRLOG and SYSLOG function are also included to copy records from the Operator Log and System Log to the specified output file in batch.

The BATCH FIND and RFIND facilities enable users to perform batch FIND operations, with RFIND options to process multiple jobs with the same name or characteristics, and SORT and TOP functions to control the order of jobs to be searched.

An EXITIF parameter is also provided to terminate processing based on the value returned by any previous function.

OMC-FLASH - Secure and Easy to Maintain

OMC-FLASH provides complete security at both the system and user level to ensure that only authorized users can access and manage the JES spool and spooled output. A standard SAF interface externalizes security administration, allowing security to be fully defined within popular SAF-compatible security packages. In addition, all OMC-FLASH panels and commands can be secured at the user level to ensure full compliance to installation security policies.

Multiple password specification options enable OMC-FLASH passwords to be changed dynamically. Administrators can optionally place a new password in a dataset, and load it through an OMC-FLASH command. Additionally, the OMC-FLASH started task accepts the password as a parameter to aid in Disaster Recovery testing.

OMC-FLASH is easily installed and maintained through standard SMP/E installation and maintenance procedures. Full support for generally available z/OS operating system releases is standard.

OMC-FLASH is completely JES independent and requires no modifications to either the host operating system or to ISPF. OMC-FLASH for JES2 and JES3 delivers the most reliable, high performance JES management solution available today.

About TONE SOFTWARE

TONE SOFTWARE CORPORATION is a high technology software development firm providing innovative enterprise-wide business computing solutions to Fortune 1000 companies around the world. Based in Anaheim, California, TONE SOFTWARE is a privately owned technology company that answers to customers, not shareholders. With a firm foundation of proven ability spanning more than three decades, TONE has built a reputation for delivering premier software solutions and exceptional customer service and support 24 hours a day, 365 days a year.

With a corporate focus on quality and service, TONE continues to develop, market, and support strategic solutions that address the critical needs of today's IT organizations in the areas of cross-platform output management, distributed systems management and automation, host system productivity tools, and telecommunications management.

TONE's commitment to quality products and service will benefit your IT organization. Let us work with you to meet the challenges facing your data center.

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(800) 833-8663
www.tonesoft.com

(714) 991-9460
info@tonesoft.com