

Halcyon system event manager



The Halcyon System Event Manager monitors a diverse range of iSeries objects and events where system messages are not generated.

Many of these events can hold up processing, cause performance problems or have a major impact on the efficiency of your business activities.

Eliminate manual check lists for good! Reduce users' frustration and improve your overall department's efficiency and effectiveness by proactively managing your system.

features

- Monitors system events where messages are not normally received by the system
- Comprehensive filters can be set up to provide specific, generic and global options
- Escalating actions can be defined for recurring events
- Performance thresholds can be set up and alerts sent out if those thresholds are exceeded
- The status of any object can be automatically changed - e.g. held job queues or output queues can be released
- The values of data areas can be changed
- Long-running jobs or those sitting on a "LCKW" status can be identified
- Communication lines that are "RCYPND" can be varied off and then varied back on
- Performance problems, such as jobs or users consuming excessive CPU, can be quickly identified and appropriate action taken
- Objects can be tested to see if they exist and, if not, they can be created
- Files can be tested to see if they contain any records - perfect for EDI
- Screens can be monitored to make sure they are not left switched on while users are away from their desks
- Information and alerts can be sent directly into the Halcyon Enterprise Console and messages sent out using the Halcyon Message Communicator
- Includes full diagnostics and audit trail

Performance monitoring checks the total number of jobs in the system, total ASP used, total amount of CPU currently being used, the number of batch jobs held, pool size, number of database pages or non-database faults, users or jobs exceeding time slice, job priority, CPU percentage, jobs that have been running for longer than expected etc.

Job Queue Monitoring checks the status of any job queue, if the number of jobs in any job queue exceeds your pre-defined threshold or if a job has been waiting too long on a job queue without being processed.

Device Monitoring checks the status of any device such as communications lines, controllers, printers, tape drives etc.

Object Monitoring checks for the existence or non-existence of any object, values of data areas, the size of any object (including data queues), whether there are records in a file or if a file has more records than expected. Files can be deleted or cleared automatically after calling a program, triggered by data appearing in a file - great for EDI.

Output Queue Monitoring checks the status of any output queue, the number of spool file entries on output queues, whether the number of pages exceeds a threshold for any spool file etc.

Distribution Queue Monitoring checks the depth of any distribution queue and whether it is in an error status.

User Profile Monitoring checks the status of user profiles (e.g. disabled users) or whether users have exceeded a pre-defined threshold for storage used.

Screen Monitoring checks any screen text, including error messages sent to the screen during long-running interactive jobs.

Inactivity Monitoring checks to see if screens have been inactive for a pre-defined period of time (from 1 minute upwards). Different monitoring intervals can be applied to different groups of jobs, users or subsystems. Actions can vary depending upon the program being run, job status (e.g. DSPW), user, time of day etc and critical applications can be ignored. Signed-on sessions can be automatically disconnected or ended and automatic screensavers can be activated if there is a period of inactivity. Screensavers include optional password protection to prevent unauthorised use of the screen. Exceptions can be made so that certain users, jobs or screens can be exempt from action.

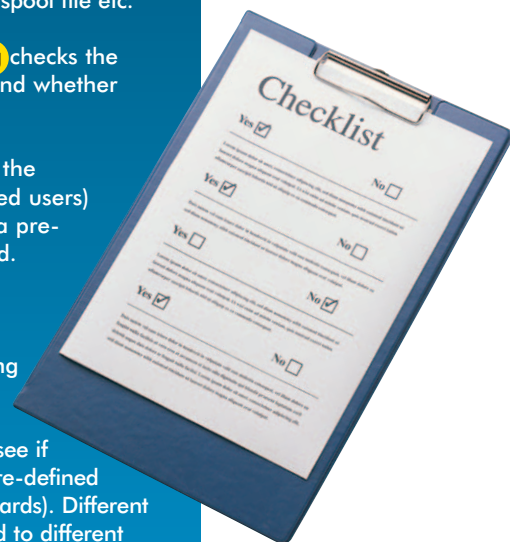
"In our busy and highly automated distribution centre, we need to know immediately of any issues which could cause a delay in our shipping process.

We are alerted by the System Event Manager to issues which are not otherwise easily visible, such as locks on records, too many jobs accumulating on a job queue or jobs taking too long to finish.

We are now more proactive than reactive and our operators enjoy more freedom during off-site hours.

I have always received a very professional service when I have asked set-up or configuration questions of any kind. I once had a question about getting information too often and experienced outstanding service when I received a software update the same day which worked perfectly for me."

John Nellestein
AS/400 System Administrator
Medtronic b.v.



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