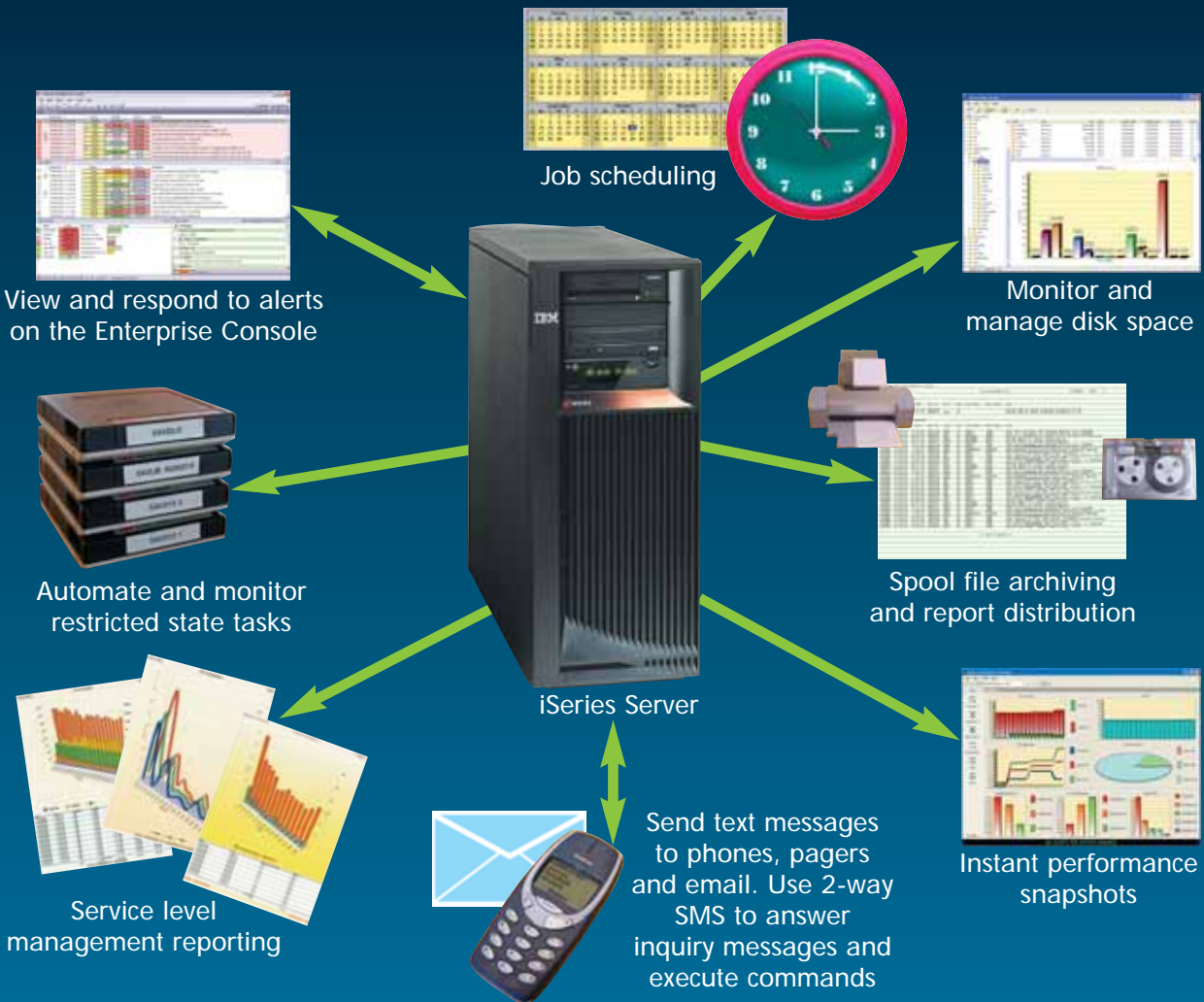


halcyon

Operations Center

Total systems automation for your computer operations department



TWELVE different message & system event monitors
plus

Automated system backups
Performance & service level management reporting
Disk space management
Job scheduling
Spool file management

- Improves your department's efficiency and effectiveness
- Reduces unscheduled computer downtime
- Significantly reduces manual tasks
- Automates operations to a high degree
- Greatly reduces the risk of human error
- Enables regular automated system backups
- Provides comprehensive management reports
- Proactively manages disk usage
- Interfaces with Servers on other platforms

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Operations Center



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A comprehensive and highly functional package of automation and reporting tools designed to provide maximum availability of your iSeries - 24 hours a day, 7 days a week.

Important events and error messages can be seen instantly on the graphical Enterprise Console during the day while, out of hours, on-call personnel can be notified immediately by text messages sent to their mobile phones or pagers, or by email, using the Message Communicator. Comprehensive filters available with all the monitors provide specific, generic and global options and mean all the important issues are dealt with immediately. Escalating actions can be taken to cope with any situation. These include replying to inquiry messages, executing any command, calling a program, forwarding a message, displaying a pop-up alert window to notify users, sending an email or text message. Messages can be sent to other types of systems and servers using SNMP traps.

Message Monitor

Never miss an important message or hold up processing by having a message waiting for a reply. Monitors any system, application, user or device message queue and QHST message log - without requiring an exclusive lock, so users can still answer their own messages if necessary.

TCP/IP Monitor

Monitors for the failure of any type of device or server connected to the iSeries via TCP/IP. Various tolerances and interval checking can be pre-defined.

Device Monitor

Checks the status of any device such as printers, tape drives etc. and uses the automatic actions to rectify any problems.

Screen Monitor

Monitors any screen text including error messages sent to the screen during long-running interactive jobs.

Output Queue Monitor

Checks the status of any output queue and takes corrective action if necessary. Also checks the number of spool file entries on output queues and can issue an alert or take an automatic action if your pre-defined threshold is reached. Can also take action if the number of pages exceeds a threshold for any spool file.

Job Scheduler

Reduce the Operator's workload and reduce the risk of human error by automating repetitive tasks. Jobs can be run either sequentially or concurrently within a group. Advanced scheduling patterns are possible by using the standard calendar features, third party calendars or by a user program using the Job Scheduler's unique calendar parameters. Start jobs on another LPAR or on another iSeries. Run remote commands on any connected server, such as another iSeries or any other type of server that runs a remote executing daemon. Use the "Capture Mode" to capture Submit Job parameters for later insertion into the Job Scheduler definitions. Full recovery options are available when a job ends abnormally or cannot be started.

Performance Monitor

Set up performance thresholds and be alerted if those thresholds are breached. Three types of performance monitor are provided - system, jobs and pools. Now you can take instant action if a job runs longer than expected or a user or job takes more resource than it should.

Performance Snapshots

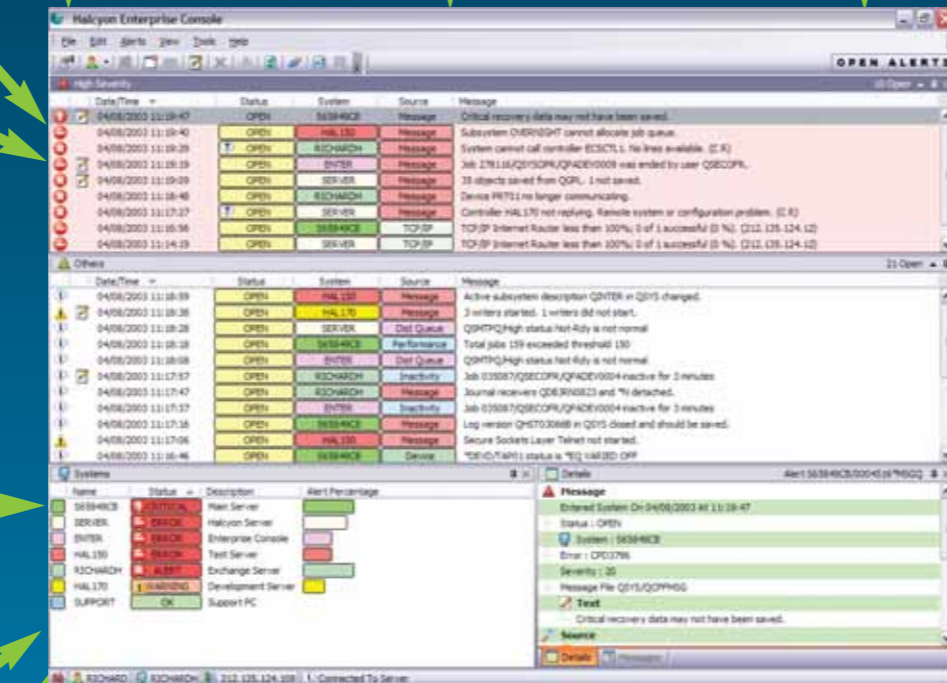
View current performance activity on a graphical display. See instantly which jobs or users are using an excessive amount of CPU.

Service Level Reporting

Use the Service Level Reporting Wizard to create and print your own tailored reports or to generate reports in HTML format.

Disk Space Manager

Provides comprehensive analysis of all disk resources including the IFS. Avoid unnecessary disk upgrades and improve system performance by proactively managing your disk usage. Quickly discover the cause of sudden increases or decreases in disk usage. Easily locate objects that are no longer used or are not being saved. Find source file members that are no longer required, or compiled objects created from out of date source, or for which the source no longer exists.



View and reply to alerts on the central Enterprise Console

Spool File Manager

Provides spool file distribution and archiving. Comprehensive, real-time, spool file monitoring and filtering options can automatically override spool file attributes without any need for program changes. Archive and restore individual spool files or entire output queues. Comes with easy to-use PC GUI interface so you can email reports as PDFs or HTML documents using ad hoc email addresses or the Microsoft® Outlook address book.

User Profile Monitor

Monitors the status of User Profiles (e.g. users that have been disabled) or whether users have exceeded a pre-defined threshold for storage used. Users can be selected specifically, generically or globally by user name, class, group profile or account code.

Distribution Queue Monitor

Checks the depth of any distribution queue and whether it is in an error status.

Object Monitor

Checks for the existence of any object. Also checks if there are records in a file or whether a threshold value has been reached. Data area values can also be checked and amended if necessary.

Restricted Tasks Manager

Schedules, or submits to a job queue, any number of restricted state tasks, such as SAVSYS, SAVLIB(*NONSYS), RCLSTG etc. for true automated unattended processing. System inquiry messages (such as "Active file found on volume") can be answered automatically. Messages can also be paged out before, during and at the end of restricted state processing for complete peace of mind.

Message Communicator

Sends out text messages to mobile phones and pagers and includes a 2-way SMS facility enabling replies and commands to be sent back to the iSeries directly from your mobile phone. Messages can also be sent as emails. For ultimate flexibility, Escalation Lists, Broadcast Groups, Schedules and Rotas can be set up so that messages get sent to the appropriate on-call personnel.

Job Queue Monitor

Checks the status of any job queue and takes corrective action if necessary. If the number of jobs in any job queue reaches your pre-defined threshold, an alert can be issued or jobs can be moved to another job queue automatically. Action can also be taken if a job (and dependent jobs) has been waiting too long on a job queue without being processed.

Heartbeat Monitor

A physical cable connects the iSeries' communications adaptor to any PC serial port and data is constantly exchanged to check that the iSeries is still "alive".

Inactivity Monitor

Checks to see if screens have been inactive for a pre-defined period of time and takes the action you have defined such as disconnecting the job, signing off, ending the session or displaying a screen saver which can be password protected if required. Also checks interactive jobs for conditions such as LCKW (Lock Wait).

