

# Halcyon job scheduler



Functionally rich yet very easy-to-use, the Halcyon Job Scheduler's advanced design incorporates many unique features.

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.

## features

- Jobs can run either sequentially or concurrently within a group
- LDA and Job switches can be passed from one job to another
- The Halcyon Job Scheduler can start jobs on a another LPAR or on another iSeries 400. It can also run commands on any networked iSeries 400 or any other system that runs a remote executing daemon, such as a PC or Unix Server
- Multiple dependencies allow a job to be conditioned on the status of other Halcyon Job Scheduler jobs, either on the local iSeries 400 or on networked iSeries 400s
- Support for named parameters. These can represent character strings, numbers, dates or times, and can be constants or calculated values
- Progress, status and error messages can be sent to mobile phones, pagers, message queues or directly to the Halcyon Enterprise Console
- Scheduling options include regular day of week or day of month patterns, use of a calendar or a user program
- Multiple calendars are supported and can be used either directly as schedule data, or to set exceptions to regular pattern schedules
- User programs allow unusual schedule patterns to be programmed without resorting to calendars. You can also use a user program to interface to a third party calendar
- Custom conditions can be used for conditions such as object existence, lock status, field value or the status of a non-Halcyon Job Scheduler job
- A "Capture Mode" can capture Submit Job parameters for later insertion in Halcyon Job Scheduler job definitions
- Full recovery options are available when a job ends abnormally or cannot be started
- Full audit trail and job statistics

**Reduce the Operator's** workload by automating repetitive tasks to free up valuable resource time.

**Reduce the risk of human error** - it is all too easy to submit incorrect jobs, jobs with the wrong parameters or run jobs at the wrong time. Now you can rely on the Job Scheduler to run your jobs at the correct time without error.

**Make more effective use** of system resources - jobs can be scheduled to run at the best time for your system, your operators and your users.

**Reduce your operations costs** by letting the Job Scheduler handle all your out-of-hours processing without having to pay expensive overtime costs.

**Important decisions** that may affect the entire system, such as "can I run Job B now, even though Job A has failed" can be pre-programmed by experienced staff so that junior or trainee operators don't have to make those types of decisions.

**Infrequently run jobs,** such as those included in year-end processing, can be programmed to become part of the routine and so do not get overlooked.

**Extend automation** further - by scheduling tasks across different LPARs or networked systems and taking full advantage of the in-built cross-system dependencies.

**No scheduling task is too difficult** for the Halcyon Job Scheduler with its extensive use of user hooks. If a job requires more logic than the standard function allows, you can call your own user program at any stage.

**Unlike its human counterpart,** the Halcyon Job Scheduler never has a day off sick or takes a holiday. It will be your most loyal employee!

*"We find the Halcyon Job Scheduler a flexible and functional product."*

*Multiple dependency jobs and calendars can be configured quickly and easily.*

*The views of the Group/Job and calendars are easy-to-use and understandable.*

*It's also reassuring that when you speak to Halcyon, you actually speak to someone who understands their product inside and out"*

**Andy Nutt**  
Senior Technical  
Support Analyst  
Digica Ltd

January							February							March							April						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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4	5	6	7	8	9	10	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
11	12	13	14	15	16	17	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4
18	19	20	21	22	23	24	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11
25	26	27	28	29	30	31	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
May							June							July							August						
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September							October																				
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**Halcyon Software Ltd**  
Toll Bar House  
Shrewsbury Avenue  
Peterborough  
PE2 7BX  
England

Tel: +44 1733 234995  
Fax: +44 1733 234994  
Email: sales@halcyonsoftware.com

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