



# Enhancements & Fixes for Halcyon IBM i Product Suites Network Server Suite and specialist products

**Covering releases: July to September 2013**

**IBM i: 2013.199**

**Document Management System GUI 2013.206**

**Advanced Job Scheduler GUI 2013.199**

**Network Server Suite v8.1 2013.218**

**Network Server Suite v9.0 2013.218**

**Task Supervisor 2013.247**

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## Company Information

**Registered US Office**  
Halcyon Software, Inc.  
16 North Franklin Street  
Suite 206  
Doylestown, PA18901  
USA

Tel: +1 215 240 8838  
Fax: +1 215 933 1428

**Registered UK Office**  
Halcyon Software  
5 The Forum  
Minerva Business Park  
Lynch Wood  
Peterborough  
PE2 6FT

Tel: +44 (0)1733 234995  
Fax: +44 (0)1733 234994

**Registered Australian Office**  
Halcyon Software (Australia) Pty Ltd  
Level 3, IBM Tower  
60 City Road  
Southbank  
Melbourne  
VIC 3006

Tel: +61 3 9495 6600  
Fax: +61 3 9495 6601

**Web:** [www.halcyonsoftware.com](http://www.halcyonsoftware.com)  
**Sales:** [sales@halcyonsoftware.com](mailto:sales@halcyonsoftware.com)  
**Support:** [technicalservices@halcyonsoftware.com](mailto:technicalservices@halcyonsoftware.com)

## Foreword

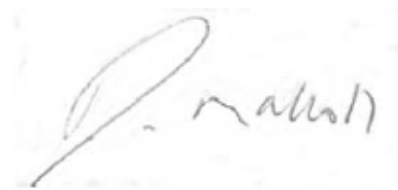
*By Donnie MacColl, Technical Services Director*

This update covers product enhancements and fixes between July and September 2013 for all Halcyon IBM i Software Suites, Network Server Suite and specialist products.

These update notifications are intended to provide customers with the technical release information of all the latest product enhancements and fixes of our software so you can decide if you need to, or wish to, upgrade from your current version of Halcyon Software to a newer version.

Information contained in these documents is aimed at technical analysts, administrators and operations staff responsible for the maintenance of our software on their own systems or their client's IBM i (iSeries) systems.

These release notes will also assist with change and version control by providing the information and reasons as to why an upgrade is required.



Donnie MacColl

### About Donnie MacColl



Prior to becoming Director of Technical Services at Halcyon Software Ltd, Donnie MacColl has worked for more than 20 years in the IT industry. He first specialized in the management of IBM i systems, (iSeries, AS400), in general manufacturing and logistics companies. Later on in his career Donnie was Network Manager for one of the largest telecommunications corporation in Europe.

He is regular speaker at international IBM events, including IBM Common in Europe and the USA, as well as the Interaction Conference in Australia.

Donnie specialises in advising companies on how to keep a tight control on the management of operations, critical processes, and core services across increasingly complex infrastructures and multi-platform environments.

He has worked with many industry sectors in his time at Halcyon Software to help improve cost efficiencies by implementing solutions in large European and US data centers in companies such as Computacenter, Parker Hannifin, Cap Gemini, Getronics, Logica, BGL Group (Budget Insurance), Arcadia and SunGard Public Sector.

# Halcyon IBM i Product Suites

The following product suites are covered within this document:

## Level 1 Message Management Suite



Our entry level suite for the IBM i. Closely monitor all your system messages, key applications and critical business processes.

### Featuring:

- Message Monitoring
- FTP Monitoring
- TCP/IP Monitoring
- Output Queue Monitoring
- Device Monitoring
- Job Queue Monitoring
- SLA Reporting

## Level 2 Systems Operations Suite



Monitor your IBM i system messages and automate the control of significant events.

### All the features, of the Message Management Suite, plus:

- Object Monitoring
- Performance Monitoring
- Distribution Queue Monitoring
- User Profile Monitoring
- Inactivity Monitoring
- Audit Journal Monitoring
- Restricted Tasks Management

## Level 3 Advanced Automation Suite



This level enables you to optimize performance, disk space and spool file management on your IBM i.

### All the features of the Systems Operations Suite, plus:

- Performance Management
- Performance Snapshots GUI
- Disk Space Management
- Disk Space Explorer GUI
- Spooled File Management

## Level 4 Operations Center Suite



Raise your operational control to the ultimate level. Contains all the functionality of the previous levels 1 to 3, plus the most advanced job scheduler available today.

### Our flagship software suite contains all the features of the previous three suites, with the addition of:

- Advanced Job Scheduling

## Halcyon Network Server Suite



Halcyon's Network Server Suite has been designed to provide a comprehensive monitoring solution to keep a close eye on all your critical servers, applications and devices across a multi-platform environment including Windows®, AIX® and Linux®.

## Authority Swapper



Authority Swapper allows a user to temporarily swap to a different profile that typically has additional authorities so that they can complete a specific task. Record screens used during a swapped session for auditing purposes.

## Task Supervisor



Task Supervisor is a unique, simple and cost-effective solution that enables organizations to list, organize and view all essential tasks in one, centralized location, minimizing the risk of business disruption and human error.

## How to use this document:

This publication is split into two chapters:

- Product Enhancements
- Product Fixes

Each of these chapters is then split in the following order:

- **Common Library**

These are enhancements and fixes that affect all products suites from Level 1 (Message Management Suite) through to Level 4 (Operations Center Suite).

- **Specialist Products** (listed alphabetically)

These are enhancements and fixes that affect individual products which are contained as modules in one or more of Halcyon's Product Suites.

For example, an enhancement to Audit Journal Manager is only applicable to Level 2 (Systems Operations Suite), Level 3 (Advanced Automation Suite) and Level 4 (Operations Center Suite).

- **Individual Change Reference**

Each enhancement and fix is prefixed with a CHGxxxx reference, where xxxx represents a combination of numbers and letters. Within both the Common Library and Specialist Product sections, each enhancement or fix is then listed in numerical and then alphanumeric Change Reference order.

## Finding information in this PDF

From within Adobe® Acrobat® Reader®, use either the Search window (accessible from menu options; Edit | Search) or the Find toolbar (shown far right in the image below) to search document content.



Type the text that you wish to use for the basis of the search and press Enter.

We recommend using the CHG reference ID number (for example; CHG03RS), if known, within the Search or Find parameters as this text is unique within the document.

## Need to confirm which Halcyon Products you have installed?

If you are unsure which Halcyon products you have installed on your system, type the following command onto the command line within your Halcyon environment:

```
DSPPRDINF
```

Alternatively, from within the Halcyon product menu, select option 70=Technical Information Menu followed by option 1=Display Product Information.

If you are still unsure, please contact: [technicalservices@halcyonsoftware.com](mailto:technicalservices@halcyonsoftware.com)



# Enhancements and Fixes

## IBM i Product Suite Enhancements

The following enhancements have been made to Halcyon IBM i Product Suites between July and September 2013, covering IBM i release: 2013.199.

### Common Library - Action Schedules

**Reference: CHG05YF**    **CLOSED status is now treated as a PASS during condition checking**

Action Schedules now treat Actions that are CLOSED as equivalent to PASS for the purpose of Condition checking.

### Advanced Job Scheduler

**Reference: CHG04Z2**    **IBM AJS conversion tool now available**

Halcyon's Advanced Job Scheduler now has a conversion tool to import data from the IBM Advanced Job Scheduler.

**Reference: CHG05UL**    **Authority added on the IBM i to control user access within the GUI**

The Advanced Job Scheduler GUI now supports Partition authority.

**Reference: CHG061K**    **\*INT Command Lists now support commands up to 3,000chars**

Advanced Job Scheduler internal Command Lists (\*CMDLIST \*INT) now support commands up to 3,000chars in length.

#### Please Note:

1. The use of a single quote reduces the length of the allowed command by 1 additional character - in effect it takes up 2 characters. This is because of the way the IBM i processes single quotes passed as part of a parameter.
2. The final page shows more characters than are actually available. It is not possible to prevent this.
3. If you enter a command that is too long due to (1) or (2) an error will be shown reading: 'Command too long.' to highlight this.

**Reference: CHG061X**    **'By-pass validity check' added to \*INT Command Lists**

Work with Groups (WRKGRP) for \*INT Command Lists now includes a 'By-pass validity check' flag.

### Authority Swapper

No enhancements have been made to Authority Swapper within this release.





## Network Server Suite Enhancements

The following enhancements have been made to Halcyon Network Server Suite between July and September 2013, covering release 2013.218.

### Network Server Suite (v9.0 Unicode)

#### **Reference: CHG05NR     An Inverse Time Range can be specified for the Windows Agent**

The NSS (DBCS) Windows Agent now supports an 'Inverse Time Range'. A new flag has been added within Central Console Manager (CCM) to the right of the time on filters for the Windows Agent to allow this to be set. When set the filter is active during the times OUTSIDE of the specified time range.

#### **Example;**

09:00:00 - 17:00:00 Inverse Time Range: True

This will be active from 00:00:00 until 08:59:59 and then again from 17:00:01 until 23:59:59

#### **Reference: CHG05S1     Device Notes can now be included in Helpdesk Emails**

It is now possible to include the 'Notes' written against a Device, within Device Manager, in a Helpdesk Email. New Substitution Variable '&NT' has been made available for this purpose.

### Network Server Suite v8.1

#### **Reference: CHG04P3     System Monitor added in order to alert when the Network Manager and IBM i monitors are not communicating**

Enterprise Server now has the ability to check if the remote system agent or IBM i monitors are responding and if not, raise an alert. This enables you to check if the Halcyon software is inactive on the remote system.

Within Enterprise Server Options, a new function 'System Monitor' has been added. Within the 'System Monitor' section you can add those Devices that are to be checked and at what frequency. At the specified interval, a Halcyon specific data request is sent to the remote system and if no response is received it raises an alert.

#### **Reference: CHG049Q     Support added for host names longer than 15 characters**

Host names longer than 15 characters in length are now supported.

#### **Reference: CHG0567     TCP/HTTP - Browser details now included in TCP/HTTP check**

The TCP/HTTP Monitor was not including a browser-based header in its checks meaning some pages would error stating they needed a specific version of a browser.

A standard browser header is now included on all requests. Also, within the 'Advanced' settings on the rule criteria you can specify the browser header data you wish to be used instead.



**Reference: CHG05GG    Ability to override Source Device for remote checks has been added**

For NSS Windows Agent Devices for TCP filters you are now able to specify an 'Override Source Device' within the filter criteria specified within Central Console Manager (CCM). For any alerts raised by those criteria, the Device for the alert is shown as the selected 'Override Source Device' rather than the Device that actually performed the check.

For example, a TCP Ping filter can be created to ping another machine. When the filter triggers, the alert sent to the Enterprise Console can be raised with the Device set to the Device that failed rather than the Device that raised the alert.

**Reference: CHG05NQ    An Inverse Time Range can be specified for the Windows Agent**

The NSS (DBCS) Windows Agent now supports an 'Inverse Time Range'. A new flag has been added within Central Console Manager (CCM) to the right of the time on filters for the Windows Agent to allow this to be set. When set the filter is active during the times OUTSIDE of the specified time range.

**Example;**

09:00:00 - 17:00:00 Inverse Time Range: True

This will be active from 00:00:00 until 08:59:59 and then again from 17:00:01 until 23:59:59

**Reference: CHG05S0    Device Notes can now be included in Helpdesk Emails**

It is now possible to include the 'Notes' written against a Device, within Device Manager, in a Helpdesk Email. New Substitution Variable '&NT' has been made available for this purpose.



## Task Supervisor Enhancements

The following enhancements have been made to Halcyon Task Supervisor between July and September 2013, covering release 2013.247.

### Task Supervisor

**Reference: CHG067R    Lookup information has been added to Owners**

Additional lookup information can now be added to Owners, which could previously only be added to Resources. This is useful for attaching data to a Task Owner, such as a Customer or Department reference number.

**Reference: CHG067S    Improved rich-text capabilities provided for Instructions and Escalation**

When defining Tasks, the text box for the 'Instructions' and 'Escalation' fields has been enhanced with better rich-text capabilities.

**Reference: CHG067T    Icon for Recurring Tasks added to Tasks Administration**

Within Tasks Administration, an icon is now displayed to show that a Task is recurring.

**Reference: CHG067U    Icon added for Time-Critical Tasks in Tasks Administration**

Within Tasks Administration, an icon is now displayed to show that a Task is time critical.

**Reference: CHG067V    Task Details panel on Scheduled Tasks now displays more information**

The Task Details panel on the Scheduled Tasks screen has been enhanced to display the additional lookup information for Owners and Resources and to better format the Task Description when a large amount of text needs to be displayed.



## Product Suite Fixes

### IBM i Product Fixes

The following fixes have been made to Halcyon IBM i Product Suites between July and September 2013, covering IBM i release: 2013.199.

#### Advanced Job Scheduler

**Reference: CHG063Y      FD (First Day) Group no longer runs twice if conditioned on other Group**

Advanced Job Scheduler would incorrectly run an 'FD' (First day of month) Group when the Schedule was initialized at midnight if it was conditioned on another Group being Complete and that Group had run within the last 24 hours. This has been fixed.

##### Please Note

An 'FD' Group conditioned on another Group will run every time the other Group is run as 'FD' is acting as the day mask.

**Reference: CHG066Y      Unlock Group no longer immediately runs a Locked Group when unlocked**

In certain situations Advanced Job Scheduler would incorrectly immediately run a Locked Group when it was unlocked. This has been fixed.

#### Document Management Suite (DMS)

**Reference: CHG05KV      DMS GUI Export to TXT feature no longer adds additional spaces to first line of spooled file**

The Document Management GUI would add additional spacing to the first line of a spooled file when exported to TXT. This has been fixed.

**Reference: CHG05SN      Segment with \*IN numeric index value no longer errors when valid**

Work with Bundles (WRKBDL) would show an error if you attempted to add or amend a Segment \*IN comparison with a numerical value. This has been fixed.

**Reference: CHG062M      Export to TXT no longer adds indents after totals**

The Document Management GUI was adding indents after the last line output line on a spooled file when exported to TXT. This has been fixed.

#### Restricted Tasks Manager

**Reference: CHG0672      Console no longer signs off and leaves the machine in a restricted state**

In certain specific situations Restricted Tasks Manager would sign off the Console and potentially leave the machine in a restricted state. This has been fixed.

## Authority Swapper

No fixes have been made to Authority Swapper within this release.



## Network Server Suite Fixes

The following fixes have been made to Network Server Suite between July and September 2013, covering release: 2013.218.

### Network Server Suite (v9.0 Unicode)

**Reference: CHG05AC Closing Alert with a pending Action no longer results in error**

Closing an alert that had outstanding actions within the Enterprise Console may have resulted in an error being shown. This has been fixed.

**Reference: CHG065J Enterprise Console no longer disconnects and logs user out**

In certain situations, Enterprise Console (DBCS) would incorrectly drop the connection to the Server and log the user out. This has been fixed.

### Network Server Suite v8.1

**Reference: CHG04FU 'Include Sub-Folders' flag within File/Folder monitor is no longer ignored**

In certain situations the File/Folder Monitor was ignoring the 'Include Sub-Folder' flag when you specified to Alert for 'File or Folder'. This has been fixed.

**Reference: CHG04WS Locking no longer occurs within Log File Monitor**

In certain situations the Log File Monitor would cause locks on Log Files being monitored. This has been fixed.

## Task Supervisor Fixes

The following fixes have been made to Halcyon Task Supervisor between July and September 2013, covering release: 2013.247.

No fixes have been made to Task Supervisor within this release.



\*\*\*\*\*REPORT ENDS\*\*\*\*\*