FORTRA

DATASHEET

Halcyon IBM i Server Suites

LEVEL 4: Operations Center Suite

Achieve Ultimate Control of Your IBM i Core Applications

Does This Sound Familiar?

How would you answer the following questions?

- Can you schedule highly complex job streams and track them across different IBM i systems or servers?
- Are you making effective use of system resources by running jobs at the best time?
- Do you receive alerts if performance thresholds are breached?
- Can you quickly identify resource-grabbing jobs and/or users and take prompt, corrective action?
- Can you automate disk space management, freeing technical resources for other projects?
- Can you manage disk space quickly and easily across your IBM i partitions and analyze trends?
- Can you free up disk space by not retaining spooled files directly on the system?
- Do you automatically email spooled files to users?
- Do you monitor system-critical messages and alert appropriate personnel quickly?

If you said, NO to any of these questions, Level 4: Operations Center Suite can help!

What Is Level 4?

Level 4 of the Halcyon IBM i Server Suites, <u>Operations Center Suite</u> includes the powerful performance monitoring modules of Level 3, plus the Advanced Job Scheduler module. Multiple LPAR and cross-platform capabilities allow you to schedule jobs across IBM i, Windows, AIX, and Linux operating systems. Using the migration tool, you can automatically capture and import jobs from other third-party schedulers, saving you significant labor and software maintenance costs by having one scheduler with powerful functionality. Unusual schedule patterns can be incorporated without requiring a calendar by running your own user program within Advanced Job Scheduler. These programs can also be used to interface to a third party-calendar.

Level 4 provides early warnings of potential disasters that could impact the business and can also achieve substantial savings by automating 100% of manual tasks and checking procedures. By utilizing system resources more efficiently, Level 4 allows your business to grow without the need to take on additional IT support staff.

Designed and developed to appeal to managed service providers and individual data centers, Level 4 is Halcyon's highest level of automation, system monitoring, and management software for IBM i.

Halcyon's solutions interface with recognized open source systems such as Security Information Event Managers (SIEM), Log Amalgamators, IBM Tivoli, HP OpenView, CA Unicenter, BMC Patrol, and any Syslog or SNMP-compliant system. The software also interfaces with both in-house and proprietary help desk systems.

Who Is Level 4 For?

IT teams use Level 4 to take automation of their IBM i systems, critical processes, and application management to the ultimate level, maximizing cost savings and profitability. Level 4 customer success teams include:

- IT teams that need an extremely flexible monitoring and automation solution for stand-alone use
- IT teams that need to incorporate an extremely flexible monitoring and automation solution into their own thirdparty software, for example help desk applications
- Managed service providers (MSPs) and outsourcers
 supporting multiple clients
- System administrators and operators at all levels

How does Level 4 help these teams succeed? In short, it allows them to do more with less. With Level 4, these teams can:

- Reduce the operator's workload by automating tasks to free up valuable resource time
- Maximizing system resources by scheduling jobs to run at the best time
- Schedule inter-dependent jobs across the entire IT infrastructure, regardless of operating system
- Receive alerts of impending issues that may impact business, such as suspension of disk mirroring or imminent disk failure
- Manage and control critical business applications such as Lawson M3 (Movex), SAP, JD Edwards, Misys Equation, Midas Plus, and Infor as well as high availability solutions
- Use preconfigured rules and templates to support rapid deployment and monitoring
- Receive real-time notification that a timecritical job has not yet finished
- Ensure maximum availability and continuous operation of critical IT systems
- Generate long-term trend analysis on IBM i server performance

- Improve system performance by increasing available disk space
- Avoid unnecessary disk upgrades with regular system housekeeping to keep disk usage in check
- Release disk space by not having to retain spooled files directly on the system
- Archive and restore individual spooled file entries or entire output queues
- Interface with integral calendars so scheduled events and restricted tasks can run in an unattended environment
- Receive real-time auditing and security alerts
- Schedule event monitors and alert notification so incomplete or failed processes replicate current working patterns and escalation policies
- View the status of managed servers from the convenience of a mobile device
- Improve business process visibility and reduce costs

Level 4: Key Software Features

Level 4 allows you to schedule jobs and manage system messages, critical events, performance, disk space, and spooled files as well as automate system saves and essential housekeeping tasks. Additional features include:

Advanced Job Scheduling

Schedule highly complex job streams and track them across different IBM i systems or across other servers to ensure business processes are running smoothly, at the optimum time and at maximum efficiency.

Business Application Monitoring

Use specialist, built-in templates to automatically monitor critical business applications like Lawson M3 (Movex), SAP, JD Edwards, Misys Equation, Midas Plus, Infor, and wellknown high availability solutions.

Performance Management

Monitor the performance of multiple systems and partitions and view both detailed and graphical results in real time using the intuitive interface. The system provides statistical and trend analysis as well as automated alerting of performance threshold breaches.

Disk Space Management

Quickly see what's taking up disk space and remove longforgotten files, out-of-date test libraries, old spooled files, save files, and IFS folders. View a comprehensive analysis of all disk resources, including the IFS, using flexible build processes for improved efficiency and reduced build time.

Spooled File Management

A comprehensive spooled file distribution and archiving tool is also included to provide real-time monitoring, filtering, and fast retrieval of archived spooled files.

Enterprise Management & Mobility

Halcyon Enterprise Console, included with the software, gives full visibility of messages and alerts generated by IBM i, AIX, Windows, and Linux servers to provide a centralized dashboard view of your entire enterprise. Halcyon customers also have access to a free app to view the status of managed servers, applications, and SNMP devices on Apple and Android devices.

		الكرابين	14.2	8				16 ALERS
								9 Alerts
Outs/Rec			Device	Severa		Percept		
12/08 08				Performance Monitor		Subsystem GHTTPS/R was in-active. Hall		
12/08 08				Performance Monitor		System ASP is \$6.4784. Above \$5% thr		
82/08 10			VERSK	Message Monager		Library device storage slots full (reply C 8		
12/08 12		ng 197		User Profile Monitor		User profile AUDACCESS has been deal	bled	
12/08 14			VERBK.	Device Monitor		Devices in control group not ovollable		
12/08/18				Restricted Took Monoger Joh Maniter		BBMS Control group BOJPSH01 *BRJ / Bib 910507/INNOM metals is 208.01		
12/08 19		ation IBM		Messoge Monager		Soundhile-active request for Job 005550		
12/08 21				Mersone Monaper		No medio close UTRUMA is qualible of		
Windows , AD Date/Team 12/08 08 12/08 08 12/08 08 12/08 08 12/08 09 12/08 09 12/08 09 12/08 09	00 Head 00 Inform 00 Inform 05 Migra 21 Align	end AND often HAL often DHC ng Real ng Shree Acg	ADU DISRV2 BIO4 BRIDINE	Service Moellor Dela Moellor Dela Moellor Service Moellor Service Moellor Service Moellor Vala Azabicton Moellor		Pennie Sanize WBBX_BDXEE status – state Used Filmpites Spociety Rock (spociety Rockto) Rock 2 is sitewa part being free Sanize (streamener PROMETIC) state Active Directory Account Disobled: AMA Claw Spociety account Disobled: AMA	then thread-bid of BOSs (BIO 5415) executed in bid of SOSs (See 2355) is insolver, Reson investigate Datable	7 Alarts
Date/Tree 12/08 08 12/08 08 12/08 08 12/08 08 12/08 09 12/08 09	. 34 00 Haden 00 Ialom 00 Ialom 21 Sheet 21 Sheet 15 Date	ed MO ofon HAL ofon DHC Ng Rout App Web	Winev2 ARI 958V2 er04 onserve ons1 fog0ry	Service Acerbo Disk Monitor Service Acerbo SNMP Monoger Service Acerbo Log file Monitor		Severe WHBR, BECRE ettals - etter Used Histophen Spocial/ Root is greater DEC'S Server was income Holdson has Routed I Part 2 is allows parthway freed Service (intersenver RODM310) white Active Directory Account Dualded ADA Clear logis is disabled on Web Guardin Deeds	then thread-bid of BOSs (BIO 5415) executed in bid of SOSs (See 2355) is insolver, Reson investigate Datable	7 Alarts Bon from HBLIDC(BHLIDC
046/16e 82/08 08 82/08 08 82/08 08 82/08 08 82/08 09 82/08 00 82/08 10	. 94 00 Head 00 Iafara 00 Iafara 05 Missi 21 Missi 21 Check	end AND often HAL often DHC ng Real ng Shree Acg	Winev2 ARI 958V2 er04 onserve ons1 fog0ry	Service Acerbo Disk Monitor Service Acerbo SNMP Monoger Service Acerbo Log file Monitor		Severe WHBR, BRORE Hote = other Last Frienpress (Spoold) Root & gender DHD Reare: was inoches Haligon Nor. Savard I Part 2: sindwa parte Haligon Nor. Savard I Part 2: sindwa parte Haligon Nor. Chem Base is disabiled on Web Guestaria Datesh Datesh Chem Base Alexandro Chemistry (Spool Sociality (Spool Datesh Chem Base Alexandro Chemistry) (Spool Sociality) (Spool Sociality) (Spool Sociality) (Spool Sociality) (Spool Sociality) (Spool Sociality) (Spool Sociality) (Spool Sociality) (Spool Sociality) (Spool Spool Sociality) (Spool Sociality) (Spool Spool Sociality) (Spool Sociality) (Spool Sociality) (Spool Sociality) (Spool Spool Sociality) (Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Spool Sp	Hen Freuderik of (105,10,54%) executed i old of (55,06,23%) in inclute, Reven investigate Candidi Executed	
0.444/1444 12/08 08 12/08 08 12/08 08 12/08 09 12/08 09 12/08 09 12/08 10	- 34 00 Head 00 Inform 00 Inform 00 Miles 21 Miles 21 Miles 21 Miles 21 Miles 21 Check 15 Miles 21 Check	ed MO ofon HAL ofon DHC ng Rout App Web	Winers2 ARI 958V2 er04 onserve urs1 fogDrs Decryton	Service Monitor Dek Monitor Service Monitor Service Monitor Service Monitor Unite Replication Monitor Web Application Monitor		Severe WHBC, BEORS attas = other Uad Filosystem Spool(*) Sori & gender DFC Server was isocher Halgon har Sandra (* 147) is show patholika (* 1400 Sandra (heremener RFO/DH312) stat- Actin Directory Account Baskded, ADA Clare lagt is disabilied an Web Garanti Detah	Rear Endwards of RDS (80 S4%) external P wild of SVS (56 23%) Carolian Strand Rear Strand Rear Strand Rear Strand Rear Strand Rear Strand Rear Strand Rear Strand Rear Strand Rear Strand Rear Strand Rear Strand Rear Strand Rear Strand Rear Strand Rear Strand	
Control of the c	- 74 00 Head 00 Inform 00 Inform 00 Inform 01 Water 21 Check 115 East 115 E	Ace State	Winev2 ABI 758V2 er04 stearcet wn1 SogDry Description Patients H452049 Scharts	Service Monitor Diak Monitor Service Monitor Service Monitor Service Monitor Web Application Monitor Veb Application Monitor		Service WRRX, BEOXT4 etems - some Under Tränsmer Sound Stock in general DrCD Server - was instrime Hidgora fans Service Johensmerer RODAND10 alses Arten Dreitory Andre Brobled on Web Gaunatio Carlor Dreitor Andre Disabled Andre Clear logis is Stabilied on Web Gaunatio Debut Company Service Stability of Service Stability Debut	New Freehald of BOS (10: 54%) and the first second of BOS (10: 54%) is notice. Here investigate capacity of the second gate second second second second second second second second second second second second second second second second seco	
Data/five 12/08 GB 12/08 GB 12/08 GB 12/08 GB 12/08 GB 12/08 GB 12/08 GB 12/08 ID 12/08	- 34 00 Head 00 Inform 00 Inform 00 Inform 21 Obset 21 Check 15 Check 15 Check 15 Check 15 Check 15 Check 15 Check 16 Check 17 Obset 16 Check 17 Obset 17 Obset 18 Ob	And MS2 often HALe often Diric Ng South App Vite Vite Correct Correct Correct Correct Correct	Winev2 ARI 198V2 er04 er04 er04 er04 er04 er04 er04 er04	Service Monitor Diak Monitor Service Ananger Service Monitor Service Monitor Web Application Monitor Web Application Monitor		Service WRR, BEORT etems - store Und Trimping Source) floor is greater DrCD Server - van instree Hildgen fan Extern (Prive) is whote part barg hand Service Johers and Heling and Heling Service Johers Reithour Heling All Chart bag is standard on Wills Chartan Deale Deale Deale Deale Service Deale Service Deale Service Deale Service Deale Service Deale	New Frenched of 4005 (1902 SFN) minimals (1902 SFN) is incolored (1902 SFN) is incolored (1902 SFN) is incolored (1902 SFN) metallitational (1902 SFN) metal	
Data/five 12/08 04 12/08 05 12/08 05 12/08 09 12/08 09 12/08 09 12/08 10 12/08 05 12/08 05 12	- 76 Mised 00 Hised 00 Inform 00 Inform 01 Mise 21 Otto 21 Check 15 Ellow Mised 22 Mised 23 Mised 23 M	And MCC of an MAL of an MAL of an MAL of an MAL of an MAL MAL MAL MAL MAL MAL MAL MAL MAL MAL	Winew2 ARXI 1592V2 be04 consecution um1 Biogdow Peters (Store Alexies) Peters (Store (Store (Store (Store (Store (Service Monitor Dak Manitor Service Manipar Service Manipar Service Manipar Service Manipar José Haritan Mala Aggélication Monitor Web Aggélication Monitor Mala Aggélication Monitor and Aggélication Monitor		Service WRRX, BEOXT4 etems - some Under Tränsmer Sound Stock in general DrCD Server - was instrime Hidgora fans Service Johensmerer RODAND10 alses Arten Dreitory Andre Brobled on Web Gaunatio Carlor Dreitor Andre Disabled Andre Clear logis is Stabilied on Web Gaunatio Debut Company Service Stability of Service Stability Debut	New Freehald of BOS (10: 54%) and the first second of BOS (10: 54%) is notice. Here investigate capacity of the second gate second second second second second second second second second second second second second second second second seco	
Data/five 12/08 08 12/08 08 12/08 08 12/08 09 12/08 09 12/08 09 12/08 09 12/08 09 12/08 10 12/08 10 12/08 10 12/08 10 12/08 10 12/08 10 12/08 08 12/08 09 12/08 09 12/08 12/08 09 12/08 12/08 12/08 12/08 12/08 12/08 12/08	- 94 00 Head 00 Inform 00 Inform 00 Inform 21 Check 21 Check 15 Ch	And MCC of on MAL of on MAL of on DHC of State App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App Shee App She App She A A A A A A A A A A A A A A A A A A A	Wasev2 ARI 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 1	Service Monitor Dak Manitor Dak Manitor Service Manitor Service Manitor Service Manitor Unite Manitor Unite Manitor Viela Application Manitor Comment Service Manitor Viela Application Manitor Second	••	Service WRR, BEORT etems - store Und Trimping Source) floor is greater DrCD Server - van instree Hildgen fan Extern (Prive) is whote part barg hand Service Johers and Heling and Heling Service Johers Reithour Heling All Chart bag is standard on Wills Chartan Deale Deale Deale Deale Service Deale Service Deale Service Deale Service Deale Service Deale	New Frenched of 4005 (1902 SFN) minimals (1902 SFN) is incolored (1902 SFN) is incolored (1902 SFN) is incolored (1902 SFN) metallitational (1902 SFN) metal	
Data/five 12/08 04 12/08 05 12/08 05 12/08 05 12/08 05 12/08 05 12/08 10 12/08 05 12/08 05 12	- 9-9 00 Histori 00 Iafore 00 Iafore 00 Iafore 21 Olice 21 Olice 15 East 21 Olice 15 East 21 Olice 15 East 21 Olice 21 O	Viela MCD ofice MAL ofice DHC ofice DHC App She App Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Viela Vi	Winew2 ARE ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 I	Service Monitor Dela Manitor Service Monitor Service Monitor Service Monitor Web Application Monitor Web Application Monitor Web Application Monitor the I 1 1 1 1	••	Service WMRX_BEOXEL oters - street Und Transmiss and Oxford Transmiss Der Schemen - sets instreme Filderun haut Der Schemen - sets instreme Filderun haut Service Jahressmerer - PRODATIB - street Anter Dranstery Assound Disabled. ADAI Dersche Dersche Dersche Street Anter Street Anter S	New Frenched of 4005 (1902 SFN) minimals (1902 SFN) is incolored (1902 SFN) is incolored (1902 SFN) is incolored (1902 SFN) metallitational (1902 SFN) metal	
Data (Tear 12/08 04 12/08 05 12/08 06 12/08 06 12/08 06 12/08 06 12/08 00 12/08 00 1	- 94 00 Histor 00 Inform 00 Inform 00 Inform 11 Minut 21 Check 12 Check 15 10 15 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 10 16 16 17 16 16 16 16 17 16 16 16 16 16 16 16 16 16 16 16 16 16	Action MAL officer MAL officer MAL officer MAL officer MAL Mal Mal Mal Mal Mal Mal Mal Mal Mal Mal	Winew2 ARX 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2 155V2	Service Notator Data Manitar Service Manitar Service Manitar Service Manitar United Research Mala Application Manitar United Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Research Rese	••	Sevian WARK, BEOKE uters - store Und Flangung Social Star Si gener DrC/Seren - wei insche Hallwar bis Social Severa - Sevial Insche Star Social Sevial Insche Star Anter Direktory Account Diablek APA Carel login & Starbar Starta Dess Sama Sama Sama Sama Sama	See Temploying (1995) (1935 - 2943) (1944) (1955) (1935) (1934) (1944) (1956) (1937) (1944) (1956) (1937) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (1944) (
Data/five 12/08 04 12/08 05 12/08 05 12/08 05 12/08 05 12/08 05 12/08 10 12/08 05 12/08 05 12	- 9-9 00 Histori 00 Isform 00 Isform 00 Isform 01 Isform 21 Check 15 Ester 15 Ester 15 Ester 102 Isform 102 Is	Status v Construction Status v Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction	Winew2 ARE ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 ISBN2 I	Service Non-ter Dick Marcine Service Non-Inc Service Non-Inc S	••	Seven WHRLECKI area - Imm Lef Raynen South Car is parts DCP Seven set torther Holps that DCP Seven Set torther Holps that DCP Seven Settemanness Car is a set of the Holps Car is a set of the Holps Car is a set of the Holps Seven Hell Settemanness Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seve	Sec February (1997) (1995 Sec Sec Sec February (1997) (1997) 1 molton, 1998 (1998) 1 molton, 1998 1 molton,	
Data Ther 12/08 08 12/08 08 12/08 08 12/08 09 12/08 08 12/08	- 9-9 00 Histori 00 Iafore 00 Iafore 00 Iafore 21 Alter 21 Alter 21 Alter 21 Alter 21 Alter 21 Alter 21 Alter 21 Alter 21 Alter 22 Alter 22 Alter 23 Alter 24 Alter 24 Alter 25 Alter 26 Alter 27 Alter 28 Alter 29 Alter 20 Alter 2	Action MAL oficer MAL officer MAL officer DelC Mal Mal Mal Mal Mal Mal Mal Mal Mal Mal	Winew2 ARE 1750/2 er04 cmeans wr1 koliption diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 diama relic704 di relic704 diama relic704 diama reli	Service Noniter Dich Marchite Service Nonitor Service Nonitor Service Nonitor Service Nonitor Unit Application Monitor Web Application Monitor Web Application Monitor Nonitor Service Nonitor Nonitor Service Nonitor Nonitor Service Nonitor Nonitor Service Nonitor Nonitor Service Nonitor Service Nonitor	••	foreix WBR, ECCE and a norm of the ingent of the inge	Sam Fangkala (1955) (1955 SAT) Sam Fangkala (1955) Sam Sam Sam Sam Sam Sam Sam Sam Sam Sam	
Deterfine: 12/06 06 12/06 06 12/06 06 12/06 06 12/06 07 12/06 07 12/07 12/06 07 12/07 12/07 12/07 12/07 12/07 12/07 12/07	- 9.4 00 Hadd 00 hidew 00 hidew 00 hidew 01 hidew 11 Made 21 M	Ref MG ofice Deficient Mature Mature Ref Ref Ref Nature Ref Ref Ref Nature Ref Ref Ref Nature Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref Ref	Winew2 ABL 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/2 1750/	Service Monitor Dick Monitor Service Monitor Service Monitor Service Monitor Service Monitor Service Monitor Service Monitor Service Monitor Service Monitor Monitor Service Monitor Service M	••	Series WBRL, RECEIT and a some and a filtering source of the site game based in the site of the site game based in the 2 is shown performed the based in the 2 is shown performed the based of the 2 is shown performed to the site of the site of the site of the Centre Sign is if should not solve the interference in the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the	See Temploy (1995) (1995 SFE) See Temploy (1995) (1995) (1995) 1990 (1995) (1995) (1995) 1990 (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (19	
Dafate 12/08 08 12/08 08 12/08 00 12/08 00 12/08 00 12/08 00 12/08 10 12/08 10	- 94 94 94 94 94 94 94 94 94 94 94 94 94	ed MG ofice DRG No DRG Ng Social Sheet App Visit Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Corre	Winew2 ARE PERV2 ar04 arostrom rv1 SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre SopOre So	Service Monitor Dick Monitor Service Monitor Service Monitor Service Monitor Service Monitor Service Monitor Service Monitor Service Monitor Service Monitor Monitor Service Monitor Service M	••	Series Wilds, LECKI and a some and a flagans 1 and a flag and a gain Stade of Hard 1 is the approximate of the series the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series	Sec Francisk (1975) (19.5 K2) sectors (1975) 19. Sectors (1976) (1975) 20. Sectors (1976) (1975) 40. Sectors (1976) (1975) (1975) (1975) (1975) 40. Sectors (1976) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1975) (1	
Default frage 12/06 06 12/06 06 12/06 06 12/08 09 12/08 09 12/08 09 12/08 09 12/08 00 12/08 00 1	- 94 94 94 94 94 94 94 94 94 94 94 94 94	ed MG ofon HAL ofon Def Ng Sod Agg Sod Agg Sod Agg Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres Carres	Miserv2 ABU PISV2 arG4 arG4 arG4 arG4 arG4 brance PIL25 converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte scalar converte converte converte converte scalar converte scalar converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte converte convert	Service Monitor Deli Marcine Service Monitor Service Monitor Service Monitor Service Monitor Mels Application Monitor Web Application Monitor Mels Application Monitor Mels Application Monitor Mels Application Monitor Net Service Melson a Servic	••	Series WBRL, RECEIT and a some and a filtering source of the site game based in the site of the site game based in the 2 is shown performed the based in the 2 is shown performed the based of the 2 is shown performed to the site of the site of the site of the Centre Sign is if should not solve the interference in the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the site of the	See Temploy (1995) (1995 SFE) See Temploy (1995) (1995) (1995) 1990 (1995) (1995) (1995) 1990 (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (1996) (19	

Enterprise Console provides a centralized dashboard view.

Level 4: Essential Modules

Advanced Job Scheduler

Level 4 includes the Advanced Job Scheduler module. This enables organizations to schedule highly complex job streams and track them across different IBM i systems and other servers to ensure business processes are running smoothly, at the optimum time, and at maximum efficiency. The Advanced Job Scheduler module ncludes a migration utility to quickly import jobs from other standard or third-party job schedulers, a command list to check appropriate conditions before jobs are processed, improved reporting, and an FTP error trapping feature to detect any issues with file transfers.

Advanced Job Scheduler ships with a command list function that allows system administrators to easily set a sequence of commands that can be run within or outside of the module. For example, users may want to run appropriate checks to ensure their usual conditions have been met (e.g., their high availability process has been shut down, users have all successfully signed off, all printers are offline) before running the first job of the endofday processing.

Users can run reports on historic jobs and can also view a schedule of future jobs to see what's about to be run across a defined time period. For example, report on specific jobs, show how many jobs have run successfully, and provide information on average run times. This allows IT staff to detect jobs which have overrun the expected time slot, and investigate and rectify the situation.

Halcyon has developed an intelligent FTP scripting language so that, in the event of a problem occurring with any file transfers, IT administrators can set up a pre-programmed sequence of actions, mimicking what a computer operator would do in any given situation.

With Advanced Job Scheduler you can:

- Reduce the operator's workload by automating tasks to free up valuable resource time
- Reduce the risk of human error by relying on the Advanced Job Scheduler to run your jobs at the correct time
- Make more effective use of system resources with the ability to schedule jobs to run at the best time for your system, your operators, and your users
- Reduce operational costs by letting the Advanced Job Scheduler handle all your after-hours processing without costly overtime
- Program infrequently run jobs, such as those included in year-end processing, to become part of the routine so they're not overlooked

- Enable experienced staff to pre-program important decisions that may affect the entire system so junior or trainee operators don't have to make those decisions
- Extend automation further by scheduling tasks across different LPARs or networked servers and taking full advantage of the built-in cross-system dependencies

Performance Analyzer

Level 4 includes the Performance Analyzer module. This provides statistical and trend analysis as well as comprehensive performance monitoring, alerting, and management capabilities. You can monitor multiple systems and partitions and view both detailed and graphical results in real time using the intuitive interface. With Performance Analyzer, you can:

- Reduce the impact on system resources using advanced design techniques
- Monitor any number of IBM i servers simultaneously



Optimize system performance with Performance Analyzer.

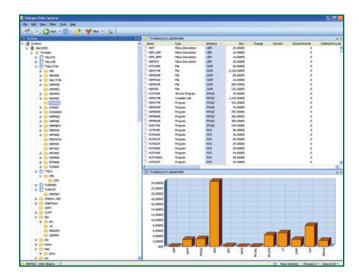
- · Monitor each server during different time periods
- Record performance for each server at different intervals
- Generate instant alerts if utilization exceeds pre-defined performance thresholds
- Enable administrators to drill down to the job level with performance graphs

 Identify resource-grabbing jobs and/or users and take prompt corrective action or let the system automatically resolve the issue

Disk Space Manager

Level 4 includes the Disk Space Manager module. This provides a full analysis of all disk resources, including the IFS, using flexible build processes for improved efficiency and reduced build time, so you can quickly see what is taking up your disk space and remove long-forgotten files, out-of-date test libraries, old spooled files, save files, and IFS folders. User-defined applications allow you to create a named collection of libraries, folders, and/or directories, which can then be analyzed as a single unit. You can also configure build settings by application. With Disk Space Manager, you can:

- Save money and avoid unnecessary disk upgrades by performing regular system housekeeping
- Improve system performance by increasing available disk space
- Quickly discover which objects are taking the largest amount of disk space
- Drastically reduce the time needed to manage your disk space as it can now be done automatically on a regular basis



Optimize disk space with Disk Space Manager. Perform real-time interrogation and drill down to details using a familiar Windows graphical interface.

- Prevent critical storage conditions being encountered by having early warning of increased disk space
- Reduce the risk of disaster by knowing what libraries and other objects have not been saved for some time
- Analyze trends for historical analysis and predict when capacity will become a problem

Service Level Agreement Reporting

Spooled File Manager

Level 4 includes the Spooled File Manager module. This is the perfect solution for the distribution and archiving of information that is important to your business. Spooled File Manager also provides real-time monitoring, filtering, and fast retrieval of archived spooled files. It automatically performs actions on spooled files without the need for program changes such as automatically emailing the summary page of a report. With Spooled File Manager, you can:

- Archive and restore individual spooled file entries or entire output queues
- Compress archived output queues to free disk space
- Automatically distribute spooled files based on spooled file name, user name, user data, form type, job name, and report titles
- · Copy spooled files and override any attributes
- Send spooled files to any local or remote output queue
- Export spooled files as PDF attachments or embed small printouts within the email itself
- Email reports to ad-hoc email addresses or addresses stored in Microsoft Outlook

Service Level Agreement Reporting

This optional plug-in module for Level 4 enables companies to generate service level agreement (SLA) reports for management. Halcyon uses a unique methodology for managing and reporting on service level agreements, allowing companies to quickly identify through SLA flags the aspects of the SLA that are not being met. This means these issues can be investigated with minimal delays—an important factor particularly for managed service providers and IT outsourcing companies which need to demonstrate the value of their services to their clients. Companies can select the performance statistics that are most important to their operations and choose to have these displayed on screen, for example, CPU, ASP%, pool transitions, jobs, batch jobs, and response times. Individual users can also create their own tailored views of performance statistics.

Level 4: Key Software Benefits

Level 4 enables busy IT teams to do more with less by leveraging automation and proactive monitoring to keep critical jobs and tasks on track and introduce advanced job scheduling. Here's what you get with Level 4:

• Graphical User Interface (GUI)

Provides a high-level management view and business process visibility. Can be used to define and assign an action or number of actions when a logged event produces a message.

Business Application Monitoring

Templates Automatic monitoring of critical business applications using specialist templates to improve process visibility, giving you greater operational efficiencies and responsiveness.

• Business Continuity

Create and replicate your unique master environment and automatically highlight events that occur during the backup process.

Consolidate Existing Tools

Integrate Level 4 into your own internal systems and have a dashboard view of your entire infrastructure anytime, anywhere.

Cost Reduction

Significantly reduce costs by lowering latenight support calls caused by incomplete or failed processes, automating disk space management, and improving access to business information and distribution processes.

Powerful Monitoring & Automation

Techniques Automate the monitoring of virtually any component, job, subsystem, or device on your IBM i by automating key repetitive tasks and assigning message rules to execute an action or procedure.

Virtualization Management

Install more than one version of Level 4 on a single platform. You can even install the software and test the configuration and PTFs without affecting your live environment.

• More Efficient Scheduling of Events

Avoid unplanned outages by removing points of failure and scheduling essential system backups and housekeeping tasks to reflect your business processes and escalation policies in a completely unattended environment.

• Easy to Install

Level 4 comes with remote installation and intelligent templates, making installation possible within minutes.

• Flexibility

Calendars allow increased flexibility in scheduling event monitoring to reflect your organization's working patterns. Intelligent templates enable you to respond to a specific event or alert to reflect your organization's processes, e.g., call a particular program or email a particular person.

Security Compliance

Enhanced audit trail, security journaling, and access control. Level 4 enables you to restrict options to particular user(s) or organization(s).

Smart Automation Using Command

Scripts Automate and replicate how your organization responds to a given situation.

Next Steps

Level 4: Operations Center Suite

Achieve ultimate control of your IBM i core applications, automate complex job routines, streamline processes, get the best from your system resources, and significantly reduce IT costs.



IBM i Server Suites: Levels 1–4

Fortra has developed four software suite levels designed to run natively on your IBM i. Select the suite level that is right for your operations with confidence, knowing that Fortra offers a simple upgrade path. As your business grows, you can instantly step up to the next level without hassle.

Network Server Suite

Windows, Linux, AIX, VIOS, SNMP devices—whatever combination your network serves up, you need fully configurable monitoring software to fit your unique needs. Whether you're a busy system administrator or a managed service provider, monitor all your network servers, services, and devices for maximum availability 24/7.

COMPARE IBM i SOLUTIONS

ADD ENTERPRISE-WIDE MONITORING

About Fortra



Fortra is a cybersecurity company like no other. We're creating a simpler, stronger future for our customers. Our trusted experts and portfolio of integrated, scalable solutions bring balance and control to organizations around the world. We're the positive changemakers and your relentless ally to provide peace of mind through every step of your cybersecurity journey. Learn more at <u>fortra.com</u>.