



**MIDRANGE DYNAMICS GMBH**

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## 3<sup>rd</sup> PARTY SOFTWARE

MIDRANGE DYNAMICS  
CASE STUDY

**A large number of iSeries clients have architectures that mix standard 3<sup>rd</sup> party software packages (e.g. Eri Bancaire's Banking Package OLYMPIC™ or Midas-Plus™ from Misys Banking Systems) with their own specific developments. Due to the varying impact of changes, it is often daunting to integrate new versions of 3<sup>rd</sup> party applications.**

MDCMS is a unique solution specifically designed to handle the tedious, repetitive task of the reception of 3<sup>rd</sup> party modifications into the local environment. The integration effort is often extremely costly and time-consuming - in some cases, companies fail to take advantage of new major releases, which could add much needed functionality, because of the time and complexity involved.

MDCMS solves this problem by automating (in some cases 100% of) the integrity checks, impact analysis, and implementation of the new modification or new versions to be integrated. The integration process of software packages can often be reduced to just one hour.

MDCMS guarantees the integrity of items transferred to production thereby ensuring the nonregression of the information system. By automating control procedures and impact analysis tasks, MDCMS will simultaneously improve productivity and reduce the risk of errors in the transfer to production phase.

MDCMS provides every function necessary for handling application changes on iSeries systems. All of the following processes are incorporated into one powerful, inexpensive and highly flexible product:

- Project management
- Analysis management
- Source and Object management
- Installation management
- Distribution management
- Audit management

### **Project management**

- Central online tool for the business user or team leader to enter project or issue requests.
- Requests tracked by programmer, status, due date, etc.
- References all objects modified, or commands performed, for project.
- Project information automatically syncs across all systems
- API for easily interfacing the MDCMS Project Manager with external project management tools
- Report generator providing various online, paper or electronic reports.

### **Analysis management**

- MDXREF is included free with MDCMS so that the developer or business user can quickly navigate through the objects and data of an application.
- Search entire database for specific fields or field attributes.
- Comprehensive journal analysis for finding and reporting data transactions.
- Powerful comparison tools to search for differences at the library, object or data level of an application.

## Automation of 3<sup>rd</sup> Party Software Reception with MDCMS



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### Source and Object management

- Reservation system for source and objects to be modified. No risk of version conflicts in a team environment.
- Developer workspace within MDCMS for all necessary editing, compiling, testing and reporting needs.
- Rules easily set by administrator so that the source and objects are always handled in the correct manner.
- All iSeries object types, including IFS streamfiles, message descriptions and data records are handled by MDCMS.
- Objects in libraries delivered from external vendors can be quickly selected for migration into your environment.
- When a file is to be modified, all dependant files, programs, queries, etc, may also be automatically selected for modification or recompilation.

### Installation management

- Pre-Installation Checker to warn of any conflicts, missed objects, etc.
- Previous versions of source and objects are archived (up to 99 generations per object). If necessary, part or all of an object package may be rolled back at any time in the future.
- Data in modified files are mapped to new format.
- All necessary object authorities are applied.
- Commands may be defined to run before or after the installation is complete.
- If an installation can not be completed, it is automatically rolled back and detailed error reporting is provided.
- Scheduler for hands-free installations while users are not on the system.
- Environments may be set to require approval from an authorized user before an installation may occur.

### Distribution management

- Simultaneously distribute object packages to unlimited iSeries machines or partitions via FTP, SNA or tape.
- Allows for differences in operating system versions.
- Selectively send only source, only objects, both or neither.

### Audit management

- All functions in MDCMS are individually secured by MDSEC to prevent unauthorized access.
- Comprehensive logging performed each time an installation occurs. The detailed information may be viewed online or a customized report may be created by the report generator.
- Detailed audit reporting for object modifications made outside of MDCMS. Now, you can be secure in knowing every change made to your applications at the data and object level.
- MDCMS has been certified Sarbanes-Oxley compliant. If your IT shop needs to quickly conform to the new regulations, MDCMS will remove one large obstacle for you.

## Automation of 3<sup>rd</sup> Party Software Reception with MDCMS

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providing innovative iSeries solutions 3