
MIDRANGE DYNAMICS

providing innovative IBM i solutions



MDCMS

**The Complete Change Management System
for IBM i**

MIDRANGE DYNAMICS
MDCMS

www.midrangedynamics.com



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MDCMS - The Complete Change Management System for IBM i

MIDRANGE DYNAMICS GMBH

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MDCMS provides every function necessary to handle changes to IBM i (iSeries, AS/400) -based applications.

The latest version of this powerful tool manages the receipt, distribution and installation of software objects in multi-platform environments, e.g., COBOL/RPG programs to be installed on the IBM i and Java objects to be installed on a Windows or UNIX server.

All of the following processes are incorporated into one affordable 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.
- Track requests by programmer, status, due date, etc.
- References all objects modified, or commands performed, for project.
- Project information automatically syncs across all systems.
- API easily interfaces the MDCMS Project Manager with external project management tools.
- Report generator provides various online, paper or electronic reports.

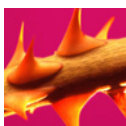
Analysis management

- 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.

MIDRANGE DYNAMICS PRODUCTS:

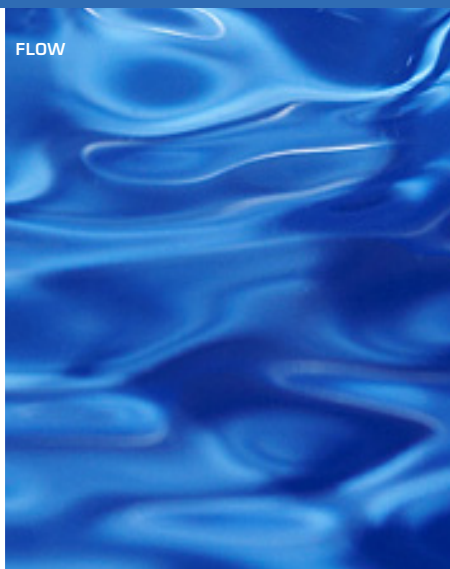


**MDXREF -
Application Navigation System
for IBM i:**
Cross-reference entire applica-
tions for object navigation



**MDSEC -
Application Security System
for IBM i:**
Easily secure the functions of
your in-house applications

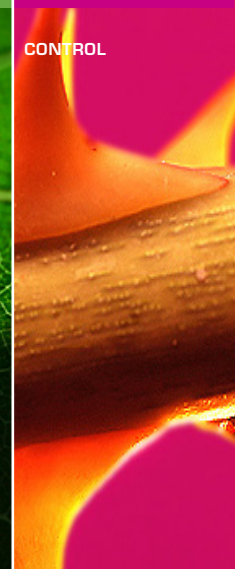
FLOW



STRUCTURE



CONTROL



CLIENTS

AXA Winterthur

Credit Suisse

Daimler

Helvetia Seguros

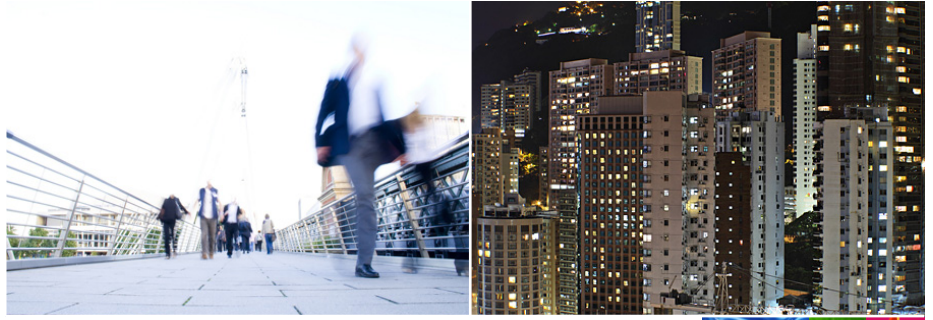
Migros Pensionskasse

REHAU

SANITAS Healthcare

Segur Caixa

UBS



MDCMS

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- 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.

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 IBM i object types, including IFS streamfiles, message descriptions and data records are handled by MDCMS.
- MDCMS can act as a standalone product for the versioning and management of non-IBM i programming projects. It also works in combination with open systems version control systems such as CVS and Subversion.
- Objects in libraries delivered from external vendors can be quickly selected for migration into your environment.
- When a file is to be modified, all dependent files, programs, queries, etc., may also be automatically selected for modification or recompilation.

Installation management

- Pre-Installation Checker warns 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 cannot 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 IBM i servers 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 is 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 ensures that you will know every change made to your applications at the data and object level.
- MDCMS has been verified as Sarbanes-Oxley compliant by major external and internal auditors.
If your IT shop needs to quickly conform to Sarbanes-Oxley regulations, MDCMS will remove one large obstacle for you.

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MIDRANGE DYNAMICS
Since 1998



Design: red Gráfica - netz Grafik / Palma de Mallorca - Zürich

FACTS

About Midrange Dynamics

Midrange Dynamics' tightly integrated and reasonably priced product line focuses on change management, application analysis, development and software distribution. The company has provided application development software and consulting services for IBM i (iSeries, AS/400) systems from its headquarters in Switzerland since 1998. In addition to on-site product support and training, it offers consulting services in the area of change management. Recognized for ease of use and reliability, Midrange Dynamics' application lifecycle management solution dramatically reduces the time and risk involved in understanding, changing and migrating application objects. It fully supports regulatory compliance efforts.
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Products

- Our product line focuses on application analysis, development and distribution. These tools dramatically reduce the time and risk involved in understanding, changing and migrating application objects.
- We provide on-site product support and training.

Services

- We have consultants available for projects of any duration. All of our consultants have many years of practical experience and are qualified to work on a wide variety of hardware platforms in many business sectors.
- In addition to support and training for MD products, we can provide consultants for the following (partial list): IBM i programming/analysis using COBOL, RPG, C, ILE; SQL interface programming between UNIX, PC, and IBM i systems; LAN administration, training and support; project management and business analysis for the financial sector.

BLACKBOARD

- Midrange Dynamics announces the availability of MDWorkflow, an extension of MDCMS change management. MDWorkflow is a flexible, web-based application for centrally managing projects, tasks, object deployment and structured workflow across all systems. It facilitates team collaboration and ensures a documented and well communicated software development process throughout your organization.
- One of the world's largest utility companies has licensed MDCMS to efficiently and securely manage changes to all of its IBM i applications.
- Midrange Dynamics is pleased to announce the availability of the new MDOpen plug-in for MDCMS. MDCMS and the new MDOpen plug-in provide every function necessary to manage application changes for IBM i and multiplatform environments, including UNIX, LINUX, Domino and .net development. MDCMS and MDOpen can be used with any Eclipse-based platform.
- Distributed Data Management (DDM) Security in MDSEC 6.6 can exclude unauthorized users and manage which data objects may be accessed or manipulated via DDM.
- A large Swiss Bank with local presence in Europe, Latin America, the Middle East and Asia licensed MDCMS to manage and distribute updates for its Olympic Banking applications.
- The latest version of MDCMS, which handles Open Platform objects using the graphical Eclipse IDE, began intensive testing at a large customer installation.
- One of the largest banks in Spain with strong presence in Latin America licensed MDCMS to manage and distribute updates for its Midas Banking applications.

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