

Midrange Dynamics at a Glance

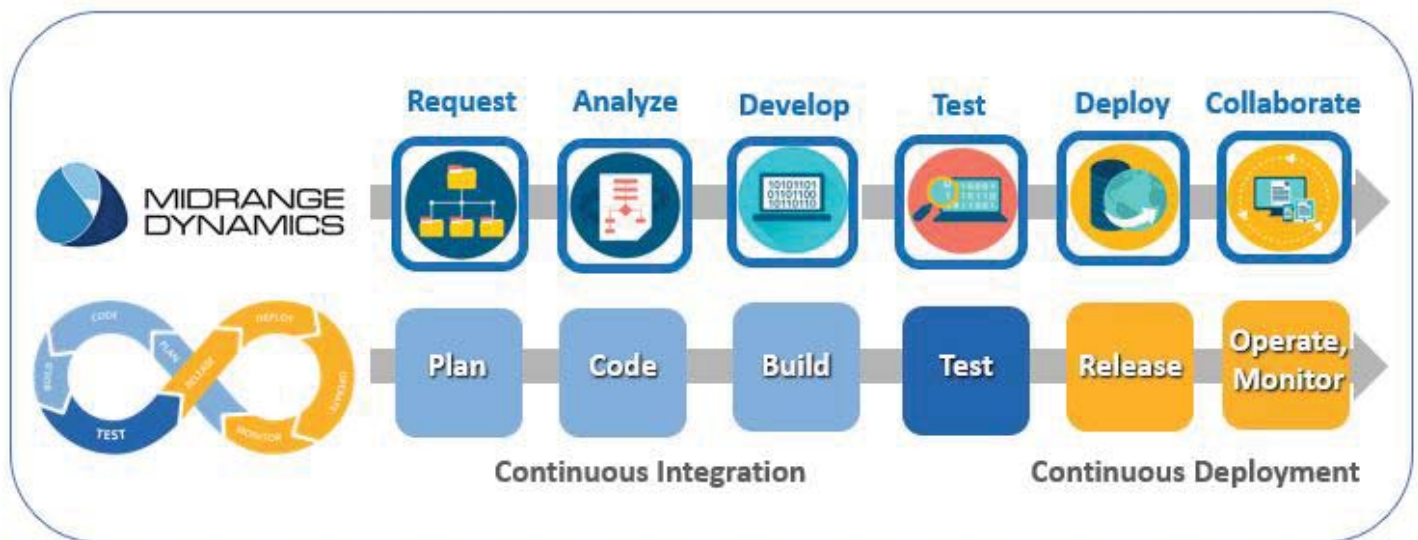
Discover Our Solutions



Midrange Dynamics Change Management

(MDCMS) incorporates everything your business needs to modify, install, and distribute software changes across multiple IBM i and non-IBM i systems, ensuring security and an audit trail for every step in the process. Your software management lifecycle can be as simple, or as complex, as your organization requires. Our goal is to make changes as easy and as risk-free as possible for your

developers—not to add a lot of administrative overhead. Midrange Dynamics's tightly integrated and reasonably priced product line focuses on change management, application analysis, development, and software distribution. Recognized for ease of use and reliability, MDCMS dramatically reduces the time and risk involved in understanding, changing, and migrating application objects.



MDCMS – Change Management

- Project workflow, time tracking & costing
- Analysis & cross referencing
- Role-based security
- Source & object management, including repositories such as Git & SVN
- Manage native IBM i source through native source files or flat files (IFS, Git, SVN, etc.)
- Use branch/trunk logic in MDCMS to accelerate concurrent project development
- “Smart Sort” for flawless SQL compiles & bound object builds
- Cross-application conflict management
- Sophisticated deployment & rollback for native IBM i & cross-platform implementations
- Installation management
- Audit management / Sarbanes-Oxley (SOX) compliance

MDXREF – Application Navigation

Powerful, time-saving MDXREF tracks and reports on inter-relationships of all files and objects in application libraries on IBM i down to the field level. This cross-referencing, including SQL object types, e.g., *SQLFUN, *SQLMQT, *SQLPRC, and *SQLVW, is indispensable for ongoing software modifications, for quickly zeroing in on application issues, or for planning modernization projects. Offers quick access to information such as size of IFS folders and journal receiver entries.
Integrated into MDCMS; can also be purchased separately

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MDOpen – Change Management for Eclipse and Multiplatform Environments

MDOpen, the Eclipse-based plug-in for MDCMS, allows development to be linked across platforms. With MDCMS, MDOpen provides every function to manage application changes for IBM i and multiplatform environments. Since MDOpen interfaces to RDi, SVN, and Git, it presents an easy, centralized way to manage change. Work in any IDE, quickly identify what needs to be deployed, and move smoothly through the automated deployment process, which includes automatic rollback.



MDWorkflow - Web-based Project 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 an organization. Customize the project management process with status codes, fields, URLs, and attachments. Tie Jira projects into MDCMS via our interface.



MDCMS Change Management Migration Tool

The unique automated change management migration capability in MDCMS makes moving from legacy products such as TurnOver, Implementer, and Rocket Aldon fast and efficient. Select preferred migration type, e.g., history only, active checkouts only, etc., and omit applications that are not relevant. Test and rollback the migration as many times as you like with no risk to existing applications. MDCMS enables a phased migration approach; migrate one or all applications at once. Transitioning work in progress is seamless.



MDTransform – Manage Database File Changes and Data Transformation

MDTransform automates managing field expansions, initializing new fields, merging fields, and managing deployment of DDS to DDL conversions. It also handles field type changes, and guides users through the steps to add and populate new fields or update field content. Behind the scenes, it builds and executes a dynamic SQL insert to populate the new version of the file.



MDRapid - Deploy IBM i Database Changes

MDRapid uses MDTransform to convert and migrate data to new file formats while applications are in use. MDRapid maintains all changes in a safe staging environment. When the new versions of the files are ready to roll, MDCMS and MDRapid move them into production in seconds. Business applications continue to access databases as usual while upgrades are taking place.

MD Advantages

Powerful, Flexible Change Management

- Unmatched support for every SQL function on IBM i
- Supports choice of user interface, languages & database modernization solution
- Work comfortably in your preferred environment: RDi, Zend Studio, or any Eclipse-based IDE
- Access native & cross-platform development on the same screen
- Includes field-level cross referencing, unlimited test levels & selective rollbacks

- Direct interfaces to Git & SVN source repositories, with comprehensive deployment & rollback

Lower TCO

- Quick, efficient implementation
- MDCMS is easy to upgrade; take advantage of new functions without reconfiguring your environment
- MDCMS available for HA without additional costs