

Discover Our Solutions



Accelerate Change and Integration on IBM i with Midrange Dynamics

MDChange includes everything your business needs to modify, install, and distribute software changes across multiple IBM i and non-IBM i systems.

Development teams can make application updates faster and with greater flexibility. Work in any IDE, including VS Code, quickly identify what needs to be changed, move changes through the QA process, and deploy IBM i development, Java, PHP, and other programs in the same package to the IFS or to other servers. We make changes as easy and as risk-free as possible for your developers.

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, the solutions dramatically reduce the time and risk involved in understanding, changing, and migrating application objects.



**Encourage Teams to
Integrate Their Work**



**Boost Performance
& Progress**



**Beat Shrinking
Downtime Windows**



**Increase Automation,
Reduce Risk**

Features and Functions

MDCHANGE

- Manage DevOps through project workflow
- Analysis and cross referencing
- Role-based security
- Work in any IDE, quickly identify what needs to be deployed, and move smoothly through the automated deployment process, which includes automatic rollback
- Manage native IBM i source through MDChange source versioning or utilize the IFS or Git.

MDXREF

- Use branch/trunk logic in MDChange to accelerate concurrent project development
- "Smart Sort" for flawless SQL compiles and bound object builds
- Cross-application conflict management
- Sophisticated deployment and rollback for native IBM i and cross-platform implementations
- Installation management

MDOPEN

- Audit management / Sarbanes-Oxley (SOX) compliance
- Understand your environment by viewing dependency and binding information for your objects.
- View detail down to the field information and usage, making field expansion projects feasible.
- Sophisticated SQL management
- Track dependencies and relationships for languages that cross platforms such as Java, PHP, C# (.net), Python, etc.

MDWORKFLOW - MANAGE STRUCTURED WORKFLOW ACROSS ALL SYSTEMS

With MDWorkflow, centrally manage projects, tasks, object deployment, and structured workflow across all systems. Collaborate and ensure a documented and well-communicated software development process. MDWorkflow interfaces with tools such as Jira, ServiceNow, and Azure. With MD WebApp, monitor and control projects, tasks, and deployments through a browser-based interface.

MDPIPELINE – ORCHESTRATE AND INTEGRATE CI/CD PIPELINES

Implement DevOps within your organization. MDPipeline enables IBM i teams to integrate with Git-based repositories and enterprise CI/CD pipelines using REST APIs. It facilitates bidirectional communication with tools that are typically part of a CI/CD process such as Azure DevOps, Bamboo, and Jenkins. Automate IBM i workflow, improve collaboration, enforce approvals, and integrate IBM i into enterprise DevOps pipelines.

MDTRANSFORM - MANAGE DATABASE FILE CHANGES & DATA TRANSFORMATION

Automate managing field expansions, initializing new fields, merging fields, and managing deployment of DDS to DDL conversions. MDTransform also handles field type changes and guides users through the steps to add and populate new fields or update field content. Build and refresh test data, mask data, and manage field encryption.

MDRAPID - REDUCE DATABASE DOWNTIME FROM HOURS TO SECONDS

MDRapid uses MDTransform to convert and migrate data to new file formats while applications are still in use. When new versions of the files are ready to roll, MDRapid moves them into production in seconds, protecting your business from extended downtime.

MDTEST – ENSURE SOFTWARE QUALITY

MDTest offers powerful, automated unit testing in RDi or VS Code. Drive more than 30 unit test functions from within MDChange. Control and improve quality with integrated quality gates, code coverage, and customizable multi-tier test reporting.

LEGACY CMS REPLACEMENT

Moving from legacy change management products is fast and efficient. Test and rollback a migration as many times as you like with no risk to existing applications. You control how much history and archived source you wish to bring forward.

If you lack software updates, responsive support, and reasonable fees from your current vendor – we can help. Visit our website our website at www.md-na.com and schedule a demo!