

MIDRANGE DYNAMICS GMBH

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OLYMPIC & MDCMS

MIDRANGE DYNAMICS
CASE STUDY

Description

- Around 100 employees
- 7 employees responsible for IT, IBM i (iSeries, AS/400) programming and administration
- "Sample Bank xxx" AG has an architecture with a standard 3rd party software package (Eri Bancaire's Olympic Banking Package) and its own specific developments
- 3 distinct Olympic environments (Development, User Acceptance, and Production) spread across a combination of 3 logical partitions or physical machines
 - 500 GB of Production Data spread across 200 critical files and 400 minor files
 - 800 critical Olympic programs
 - 50 Olympic user menus
 - In-house interfaces to Olympic data consisting of 2000 queries and 250 programs
 - Average 2 ERI deliveries per week containing an average of 10 objects per delivery

Quantitative benefits

- 1 hour savings per ERI delivery for the technical movement of objects from environment to environment
- 0.5 hour savings per delivery for pre-install validation of objects
- 0.5 hour savings for administrative and audit reporting of each delivery
- 1 hour savings per rollback of a delivery in the case of detected errors (average 40 rollbacks per year)
- 10 to 30 minutes savings per programmer per day for application navigation
- 15 to 20 minutes savings per in-house object modification

In a typical Olympic bank, MDCMS is paid for in 1 year based solely on quantitative benefits.

Qualitative benefits:

- Complete integrity check of ERI and internal objects before migration occurs
- Rollback ERI deliveries or internal objects at any time
- Source and object archiving
- Assists with the building of test environments, powerful comparison tools for data analysis
- Project management functionality (central online tool for project or issue management, request tracking by status, date, programmer, etc.)
- Sarbanes-Oxley Act (SOX) compliant
- Audit report generator included
- Embedded security to protect the powerful features of MDCMS

MDCMS improves the quality of the entire application life cycle process.

MDCMS saves time

- Powerful, easy-to-use application analysis function
- Automatic compilation and migration of objects
- Installation scheduler
- Automatic distribution of changes to unlimited IBM i systems simultaneously

Eri Bancaire's Olympic Banking Package and MDCMS



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MDCMS reduces risk

- Ensures functional integrity of the system before and after changes occur
- Archives replaced objects
- Provides full rollback functionality
- Generates detailed audit trail for each change: who, what, why, when
- Object reservation system
- Assigns correct ownership and authorization levels to objects automatically
- Places objects in the correct location with all necessary parameter settings
- Ensures secure use of the powerful features of MDCMS through an embedded security system

MDCMS is specifically designed to handle the tedious, repetitive task of the reception of 3rd 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 for 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 simultaneously improves productivity and reduces the risk of errors in the transfer to production phase.

MDCMS provides every function necessary to handle changes to IBM i (iSeries, AS/400) -based applications. All of the following processes are incorporated into one powerful, affordable and highly flexible product:

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

MDCMS is a unique solution for the reception of 3rd party software modifications.

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