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## MIDRANGE DYNAMICS

providing innovative IBM i solutions

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# MDSEC 6.0

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**Application Security System**  
for IBM i

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[www.midrangedynamics.com](http://www.midrangedynamics.com)

MDSEC



MIDRANGE DYNAMICS

# MDSEC - Application Security System for IBM i

## MIDRANGE DYNAMICS GMBH

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MDSEC, the same product that prevents unauthorized access to MDXREF and MDCMS, may also be used to protect your own in-house IBM i applications.

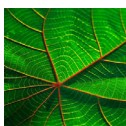
The programmer simply describes an application function to MDSEC and then MDSEC assigns a security code to that function. The programmer then embeds a call to MDSEC's security checking function with the security code inside the necessary program(s) and a reply is given as to whether or not the user is authorized to the function.

The individual user authority levels can easily be set in seconds via the included security administration tools.

## MIDRANGE DYNAMICS PRODUCTS:



**MDCMS -  
Change Management System  
for IBM i:**  
Modify, install, and distribute  
application changes.



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

## CONTROL



## FLOW



## STRUCTURE



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## CLIENTS

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AXA Winterthur

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Credit Suisse

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Daimler

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Helvetia Seguros

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Migros Pensionskasse

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REHAU

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SANITAS Healthcare

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Segur Caixa

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IRS

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### Authority levels handled by MDSEC

- a user or group of users
- an application or group of applications
- general authority to an application's function
- reduced authority to an application's function based on set limits (for example, the user is only allowed to delete an item if it has a value of less than 500).

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### Authorization List manager

The management of IBM i authorization lists is very cumbersome when done using the commands supplied by IBM.

Included in MDSEC are the following tools for managing authorization lists:

- search lists for a specific user.
- change or remove authorizations for all users in a list at once.
- change or remove all lists for a user at once.
- map the authorization list entries for one user to another user or group of users.
- create, edit or delete the lists themselves.

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MIDRANGE DYNAMICS  
Since 1998



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

# FACTS

## Midrange Dynamics

- Midrange Dynamics provides application development software and consulting services for IBM i (iSeries, AS/400) systems.

## 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.

- **March 2010: 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.
- **October 2009:** 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.**
- **July 2009:** The latest version of MDCMS, which handles **Open Platform objects using the graphical Eclipse IDE,** began intensive testing at a large customer installation.
- **February 2008:** 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.**
- **October 2007:** DZ PRIVATBANK (Schweiz) AG selected MDCMS to **manage updates for its Olympic Banking and in-house applications.**
- **July 2007:** A large bank in Singapore licensed MDCMS to manage and distribute updates for its Midas Banking and in-house applications. It also cross-references all of its applications with MDXREF. It was the **3rd Midas customer to begin using MDCMS in 2007.**
- **April 2007:** MDCMS Version 6.0 offers **expanded project management** capabilities, clearly defined status and priority with complete status history, a customizable Project Report Generator and more.
- **March 2007:** After performing in-depth analysis, UBS España S.A, a subsidiary of UBS AG, Switzerland, licensed MDCMS to **efficiently and securely manage changes to all of its IBM i applications.**

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