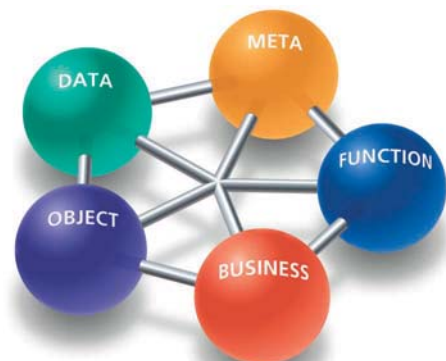


Enterprise  
Software Solutions



**INNOVATOR**

The integrated  
tool suite for  
business process  
and software  
engineering



**innovator**<sup>®</sup>  
advanced software tools

## Use the synergy: INNOVATOR

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# The integrated tool suite for business process and software engineering

INNOVATOR is the only integrated tool suite for business process and software engineering. Since INNOVATOR is designed to fulfill cross-process tasks, it is especially suited to demanding projects.

From business process modeling to implementation, INNOVATOR offers you valuable synergies between management, business departments, and IT personnel. All groups involved in a project speak the same language and have access to the latest information.

You can be confident that your IT systems will completely meet the requirements of your business areas – within time and budget.

Continue to use your existing investments with INNOVATOR. It is the only tool on the market that equally supports both structured and object-oriented methodologies.

*“Creating value for our clients is a central policy of our bank. This applies in particular to the professional way of developing our IT applications. INNOVATOR, with its all-embracing capabilities, has enabled us to develop a unified procedure, from business process modeling to the implemented result. The open architecture and flexibility, and also the reporting functions of INNOVATOR, are especially appealing to us. We are very pleased with our decision to go with INNOVATOR.”*

*Dr. Jürgen Rahmel, Process/Methods/Tools Manager, bws bank.*



# INNOVATOR Data

## Entity relationship modeling and database design

With INNOVATOR Data, you model conceptual and physical database schemas based on entity relationship models (ERMs) and structured entity relationship models (SERMs).

INNOVATOR Data offers you multifaceted options for presenting your enterprise-wide data model, and optimal linkage to object-oriented and structured application models. All widely used relational database systems are supported.

Thanks to database independence, flexible DDL generation, and reverse engineering options, your database administration costs are minimized, and you are prepared for any future database migration.

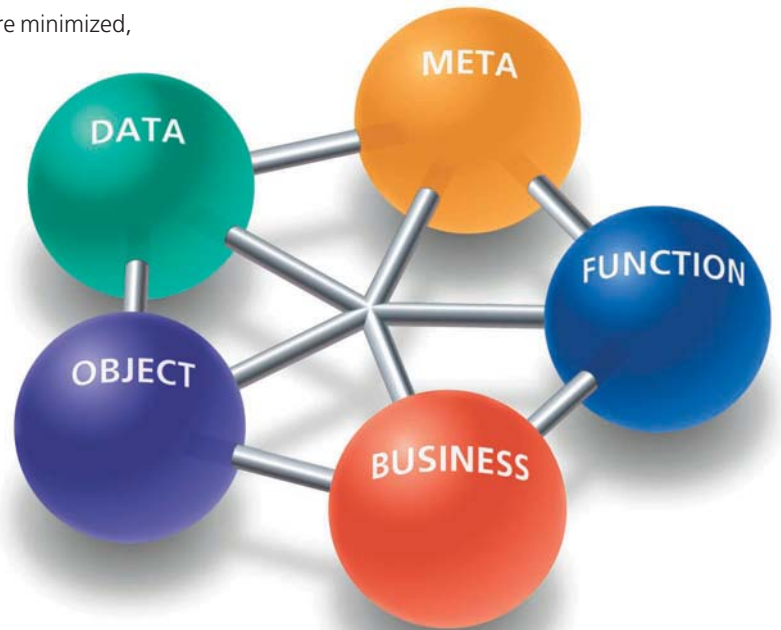
# INNOVATOR Object

## Profiles and methods for successful UML® models

With Model Driven Architecture® at its core, INNOVATOR Object offers you maximum future-proof technology independence.

The flexible representation of your business processes as well as the tight orientation to Object Management Group™ (OMG™) profiles give you a wide range of options for your development process.

Since all widely used programming languages are supported, you can work openly and flexibly with your development environment using round-trip engineering. Or, use XMI® to add in third-party code generators.



**innovator**®  
advanced software tools

# INNOVATOR Business

## Modeling and optimizing business processes

INNOVATOR Business is the only integrated tool that offers you the most advanced object-oriented Standard UML® for analyzing and optimizing your company organization structure and processes.

You can adapt INNOVATOR to your own process design. Or, we can provide you with a variety of templates for office and manufacturing processes, including blueprints for ISO 9001 certification.

The unique integration of INNOVATOR Business allows you to immediately start any type of realization: IT implementation, workflow support, or certification preparation.

Your business process model is transferred one-to-one, accurately and reversibly.

## INNOVATOR Meta

### Metadata management for optimal decision support

With INNOVATOR Meta, you can integrate all company data that is vital for decision-making using the newest object-oriented technologies, MOF™ and XMI®.

As a comprehensive metadata repository, INNOVATOR Meta offers a unique integration platform for all your company's metadata. It makes the data that you need to succeed visible and usable.

INNOVATOR Meta uses CWM™ for easier data warehouse development and maintenance. It can be used as an archiving and querying instrument both in a UML® / MDA® environment and in classical structured development areas.

## INNOVATOR Function

### Structured from analysis to implementation

INNOVATOR Function conveniently provides all the well-known structured methods.

Rely on structured analysis (SA) with real-time extension (RT), and structured design (SD) to make optimum use of your existing resources and investments.

Perfect structures, consistency, and high quality are achieved with the unique connection from SA to SD, linkage via a data dictionary, and the Nassi-Shneiderman editor.

The seamless link to the external schemas of your data model from INNOVATOR Data ensures that your company data is consistently available.

## Every INNOVATOR tool offers:

### Perfect integration

Since the standardized Unified Modeling Language (UML®) is used throughout, management department, specialized division and IT developers speak the same language. All your requirements are met fully featured, on time and within budget.

### Teamwork, consistency, and efficiency

With the multi-user-capable online repository and Web browser access, all team members have the same information. Even large teams work without incurring consolidation costs.

### Floating licensing

Make optimum use of your installed licenses with floating licensing, and save licensing fees.

### Flexibility

Since OMG™ profile technology is consistently supported, you can adapt each INNOVATOR tool to every kind of development process and methodology, and to your individual procedures.

### Open architecture

The open INNOVATOR architecture lets you integrate each of its tools into any desired development environment with other complementary tools.

### Report at the click of a mouse button

Generate report automatically and individually. For every business area, define one or more documentation templates that suit your corporate identity and that conform to the DIN EN ISO 9001 guidelines.

### Reverse engineering

Protect your existing investment by linking and documenting your existing sources for all supported target languages and target systems.

## INNOVATOR makes you more competitive:

- protects your investments
- is future-proof
- increases productivity
- offers convenience and flexibility
- guarantees you quality

# Features:

	INNOVATOR Business	INNOVATOR Object	INNOVATOR Function	INNOVATOR Data	INNOVATOR Meta
<b>Methodologies</b>					
■ Unified Modeling Language (UML®)	✓	✓			
■ Structured analysis and design (SA/SD) with real-time extension (RT)			✓		
■ Entity relationship and structured entity relationship (ER/SER)				✓	
■ Meta Object Facility (MOF™)					✓
<b>Display tools</b>					
■ Package diagrams	✓	✓	✓	✓	✓
■ Class diagrams	✓	✓			✓
■ Use case, activity, and state diagrams	✓	✓			
■ Object, sequence, and collaboration diagrams	✓	✓			
■ Component diagrams	✓	✓			
■ Data flow diagrams, operation and module diagrams			✓		
■ Structure charts (Nassi-Shneiderman diagrams)			✓		
■ Entity relationship and structured entity relationship diagrams				✓	
<b>Data management, user administration, and licensing</b>					
■ Multi-user-capable online repository	✓	✓	✓	✓	✓
■ Integrated version management	✓	✓	✓	✓	✓
■ Semantic and syntactical quality assurance	✓	✓	✓	✓	✓
■ Model-wide user and group administration	✓	✓	✓	✓	✓
■ Floating licensing	✓	✓	✓	✓	✓
■ Web read-only access	✓	✓	✓	✓	✓
<b>Import/export interfaces</b>					
■ Importing files in XML, DDL, XMI® formats	XML			SQL/DDL	XMI®
■ XMI® export based on DTD, UML®, FOM, CWM™, MOF™	UML®	UML®	FOM	CWM™	MOF™
■ Export to project management tools	✓				
■ TCL-API reading and modifying	✓	✓	✓	✓	✓
<b>Configuration and model management</b>					
■ Configuration model based on a UML® class model	✓				✓
■ Hierarchical package structures based on profiles	✓	✓	✓	✓	✓
<b>Programming languages and target systems</b>					
■ Java, C++, CORBA® IDL, Smalltalk, Visual Basic, Forté TOOL		✓			
■ C and COBOL			✓	✓	
■ DB2 (all platforms), ORACLE, Informix, MS SQL Server, and more				✓	
<b>Engineering techniques</b>					
■ Forward engineering for supported programming languages / target systems	✓	✓	✓	✓	
■ Round-trip engineering for programming languages		✓			
■ Reverse engineering for supported programming languages / target systems		✓	✓	✓	
<b>Mapping processes and implementation support</b>					
■ Generative and associative mapping processes	✓	✓	✓	✓	
■ Integrated report generation tailored to your corporate identity	✓	✓	✓	✓	✓
■ Workflow support	✓				
<b>Hardware platforms for client and server</b>					
■ Windows (98, ME, NT, 2000, XP)	✓	✓	✓	✓	✓
■ Linux	✓	✓	✓	✓	✓
■ Solaris	✓	✓	✓	✓	✓

## INNOVATOR: A powerful suite of tools

Each of the five INNOVATOR tools can be used on its own.

Together, they create valuable synergies for you. They work strategically, conveniently, and almost without border. Maximum transparency, consistency, and efficiency are guaranteed for your development process.



# MID – your partner for the future

MID GmbH, the leading German producer of software development tools, offers INNOVATOR, the integrated suite of tools for business processes and software engineering.

MID is also a competent partner for company-wide development projects. MID supports its clients with consulting, training, and application implementation. Headquartered in Nuremberg, Germany, MID was founded in 1980 by Dr. Dr. Savvas Keramidis, and now has about 80 employees.

As an owner-operated and independent IT company, MID has retained the flexibility and innovative capability to adapt readily to changing market conditions and client requirements. The company has remained closely connected to its research roots, and always works with the latest technical standards. With MID, you always have the latest technology.

You can be assured that MID will continue to develop its products, driven by client needs. The experience and demands of more than 20,000 users in more than 600 companies are part of its knowledge base.

To achieve practical solutions for your needs, MID will consult you intensively at every phase of your development process. Training and on-site support ensure that expertise is developed in your company.

With MID, you have the advantage of 20 years of experience in developing outstanding solutions and tools. MID develops its solutions in Germany. Instructors, consultants, and the technical hotline are under the same roof as the developers. For you, the client, this closeness means that help is on its way – quickly and competently.

## Your advantages with MID

- Comprehensive solutions for your strategic company and software development
- Future-proof independence and innovative capability
- Ongoing product development using state-of-the-art technology, and conforming to international standards
- Sharp focus on client requirements
- Intensive personal consultation
- Building expertise in your company
- Experience, competence, and fast support
- Development in Germany



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