

ACTICO Decision Management Platform

Digital decisioning powered by AI

Brochure

actico






Digitalization & Automation

Technology that lets you make the right decisions, faster

In forming or enhancing your digital strategy – no matter where you are on your digital journey, or what your role is – you can make digital decisions to achieve better outcomes for your organization. ACTICO Decision Management Platform enables companies to implement agile services and applications to automate decisions or improve human decision-making.

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Use ACTICO Decision Management Platform

-  To automate repeatable, knowledge-intensive operational decisions
-  To increase automation and decision quality
-  To process high-volume decisions in real-time
-  To speed up decision processes that require human judgement
-  To quickly adapt decision models to changing business requirements

ACTICO Decision Management Platform allows companies to align all stakeholder demands – from business experts, data scientists to the IT department.

NEW: Support through Generative AI

With ACTICO Companion, a powerful AI assistant is now available to support users with questions regarding the ACTICO Decision Management Platform – quickly, intuitively, and at any time. This enables your teams to work even more efficiently and productively.



Business Experts

- Increase agility and accelerate time to market
- Improve the quality and value of operational decisions



Data Scientist

- Integrate real-time analytics into business operations
- Implement continuous intelligence



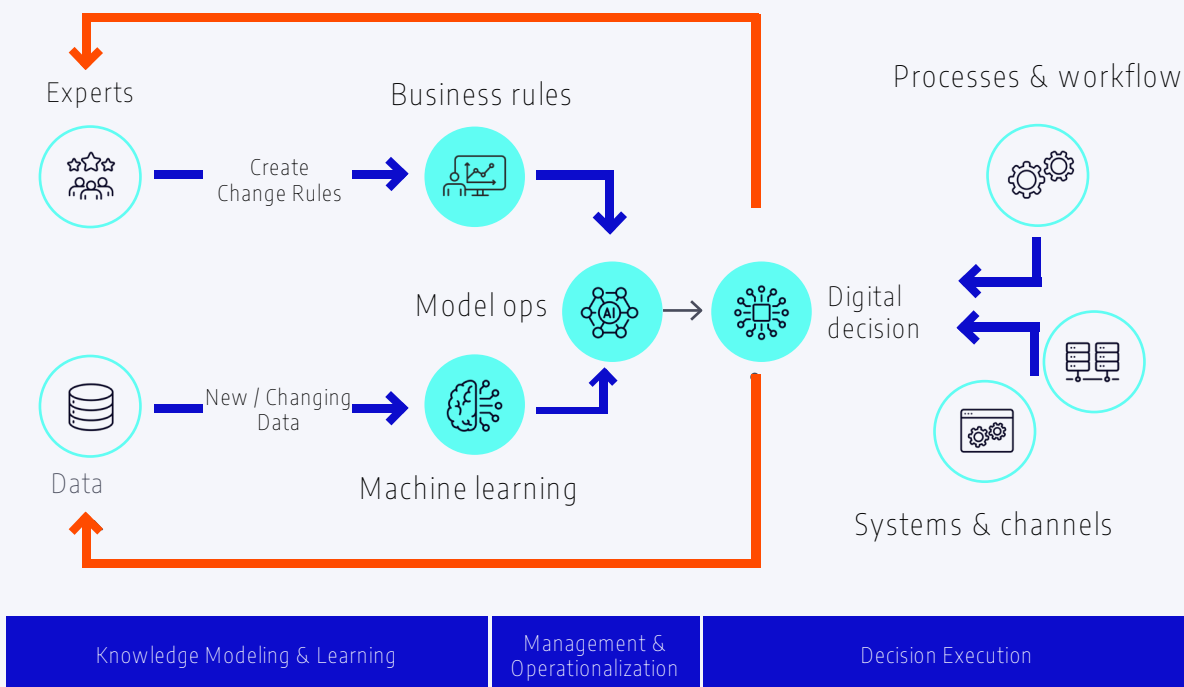
IT Department

- Digitalize day-to-day decision-making in real-time
- Reduce costs by using a unified platform

Powerful Digital Decisions

Combine The Powers Of AI And Decisioning Technology

Intelligent digital decisions are a key element for effective digitalization. The ACTICO Decision Management Platform contains everything you need from capturing and designing decision models, to testing and monitoring of automated decision-making across all your systems, workflows, and channels. It uniquely integrates artificial intelligence to further enhance decision quality and increase automation rates.



How does ACTICO digitalize a decision?



01 Expert Knowledge

Business experts use the platform to graphically model the decision logic, including all the required knowledge, all applicable business rules and data sources needed. The graphical rule models are constantly tested for correctness with scenario-based testing. With ACTICO Companion, an AI assistant is available that directly supports users with questions about using the platform.

02 Predictive Models

The rules and machine learning (ML) models are combined into an executable decision model. For every decision, ML makes predictions from what it learned. The business rules deliver all the expert knowledge and ensure that all regulations are met.

03 Executable Decisions

The executable digital decision is provided as a decision service or integrated into systems. Every decision made creates new data for machine learning and new insights for the expert to enable continuous learning. And it happens at high speed, even for complex decisions.

04 Data Knowledge

At the same time, data scientists extract further knowledge from existing data with artificial intelligence. Machine Learning (ML) enables computers to automatically learn from experience, detect unknown patterns, and then use that knowledge for future decisions.

05 Model Ops And Governance

Every model is versioned and easily deployed. Executed decisions are logged to know exactly how every decision was made, which rules were applied, and which ML model was used. The platform also delivers explanations for AI-based decisions to meet regulatory requirements.

06 Human Decision Support

Even in highly automated decision systems, human interactions can be necessary. E.g., to approve or decline special cases. The platform allows to create decision applications that support business users with up-to-date case-related information for an effective human decision-making.

Why are digital decisions important?

The revolution of your digital working world

In an increasingly complex, connected, and uncertain world, it is critical for organizations to establish robust digital decision-making frameworks and tools, which can help your business flourish and succeed: Do you need more flexibility to react to rapidly changing demands? Would you benefit from accelerating innovation cycles and implementing new insights in the twinkling of an eye? Or do you simply need to increase automation while minimizing risks and staying compliant?

Adopting the ideal framework for digital decisions helps organizations better balance their many (and often competing) priorities. The ACTICO Decision Management Platform allows you to drive business growth by enabling you to fulfill customer demands, increase efficiency and boost productivity while staying flexible enough to innovate at any time in our fast-changing world.



Efficiency

Digital decision-making approaches drive efficiency and reduce costs - essential part of staying in the game.



Speed And Scalability

Designed for high performance and real-time decisioning at scale, creating a new speed of competition.



Human & Technology-driven Decisions

Technology that connects humans, processes & AI for smarter decisions at scale.



Flexible and agile

Adapt quickly to market changes, new regulations, customer demands and more.



Audit-proof

Fulfill all regulatory requirements with transparent decisions and maximum auditability.

Components & Features

The ACTICO Decision Management Platform includes powerful components. In addition, **ACTICO Companion** is an AI assistant that provides instant support to users with questions about the platform use.



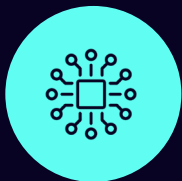
Business Rules



Machine Learning



Model OPS



Digital Decisioning

ACTICO Modeler

- Graphical modeling of business rules, decision tables and flows
- Integration of ML models into flows
- Quality assurance via built-in test editor, execution and debugging
- Comprehensive model navigation, validation, and refactoring
- Graphical compare & merge of model changes
- Data modeling, also import from XML Schema, JavaBeans, DB or CSV files
- Extensibility with custom functions, services and actions (via custom Java)
- Versioning, modularization and reuse of rules and ML models

ACTICO ML-Operationalization

- Ability to quickly and easily import ML models (Python and H2O) so that they can be natively operationalized in automated decisioning processes
- Drag-&-drop editor allows business users to combine machine learning and business rules individually, providing maximum control over how ML is applied
- Sophisticated lifecycle management capabilities to govern machine learning models together with rule models and to operationalize them quickly
- Explainability of predictive ML models

ACTICO Model Hub

- Git-based collaboration platform for multiple modelers
- Release and library repository for reuse of models and extension libraries
- Unified model repository for Rules and Machine Learning models
- Deployment API for model activation and rollback at runtime
- Promotion of model changes between stages, e.g. from test to production
- Late binding (dynamic dependency resolution) for localized model changes
- Security, access control and audit log
- User management via OAuth2 (OpenID Connect) or ActiveDirectory
- Command line interface for seamless integration in CI/CD pipelines via ACTICO Decision Management Platform

ACTICO Executive Server, CLI und Engine

- High-performance execution engine for rules & machine learning models
- Maximum execution speed through code generation without remote model calls
- REST/SOAP API for centralized decision services
- Command-line API for batch execution
- Java API for direct integration into applications
- Models are being dynamically updated or rolled-back at runtime without restart
- Execution of rules, as well as Python and H2O models
- Fully auditable with execution traces and visualization in Modeler

Customer Success

ACTICO Decision Management Platform is successfully used by banks, financial service institutions, insurance companies, retailers, manufacturing companies and many more industries to digitalize their core business processes, meet customer demands and reduce business and regulatory risks.

Across all industries and use cases, ACTICO has significantly improved business-IT alignment. This is made possible by a clear separation of concerns: Business analysts and professionals create and maintain their decision models, while IT experts focus on the technical integration.

With ACTICO Decision Management Platform, companies introduce a new form of collaboration across and beyond the organization and drive their digital business transformation.

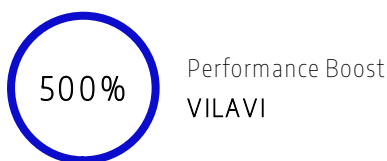
What 's your challenge?

We are looking forward to discussing the solution with you.



The automation we have implemented ultimately helps us deliver better, faster diagnoses. This is possible because the curation process that used to take a month now takes five minutes.

CENTOGENE



Accelerated time-to-market for updated rating models. Rollout took several months before and can now be completed within days or even hours.

LEASEPLAN



ACTICO empowers companies worldwide to significantly increase their efficiency – always in line with regulatory requirements.

With ACTICO Advanced Decision Automation Technology, powering scalable, AI-supported software and SaaS solutions for Regulatory Compliance and Credit Risk Management, the company creates significant added value for its customers – primarily financial service providers.

With the experience and expertise of over 25 years of successful business activities, ACTICO shapes long-lasting global customer relationships and partnerships with renowned financial, industrial and technology companies around the world. The company combines high-performance, cutting-edge technology with exceptional customer focus and operational agility.

ACTICO GmbH is part of the ACTICO Group, which brings together specialised providers of digital solutions for the financial services sector under one roof. With four companies in six locations and 230+ employees, the Group serves over 300 of the world's leading financial companies.

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