Business process management and BRMS

Automated decision making

Fast, cost-effective operations

Profits come from good business decisions. Increasingly, companies rely on enterprise applications to make crucial, everyday decisions in processing data, handling orders and completing transactions. Business process management (BPM) solutions manage the throughput of data to enable the timely, cost-effective completion of operations. These solutions are essential – but to be truly useful, their decision logic must be kept current.

Changing the rules of business processes

ILOG's business rule management system (BRMS) products provide a comprehensive work environment for managing and deploying business rules with policies that direct the flow of data through a BPM system. They support everyone involved: the business analysts responsible for defining the solutions; the business users and policy managers who maintain the rules implemented at decision points throughout the BPM workflow; and the system administrators charged with maintaining the applications. Through integrations with major BPM vendors, BRMS enables key business decisioning, including validation, compliance, eligibility, pricing, scoring, risk assessment and case assignment, to be rapidly automated and maintained under the control of business users.

Top provider

ILOG leads the industry by enabling companies to react more quickly to market changes by empowering business personnel to directly implement the decision logic used by applications. By accurately automating decision-making processes and greatly reducing application maintenance costs, ILOG's BRMS products have become widely relied on by BPM solution vendors.

- ■ **Complete control over decision logic**

- ■ **Change policies instantly**

- ■ **Reduce transaction costs**

- ■ **Ready-to-use integration with BPM**

- ■ **Products for C++, Java and .NET**

ILOG
Changing the rules of business™

Partnering with the best

ILOG's BRMS products are available in C++ (ILOG Rules), Java (ILOG JRules) and .NET (ILOG Rules for .NET) - three of the most widely used development platforms today. ILOG also has partnerships and integrations with leading BPM solution providers, including Axway, BEA, Documentum, FileNet, Fuego, Fujitsu, IBM, Oracle, Vitria and W4. Through these partnerships and years of research and development focused on BPM, ILOG has refined its BRMS technology to meet the market's unique requirements.

Broad range of applications

ILOG BRMS is used in a broad range of BPM enterprise applications:

- Compliance validation
- Claims processing
- Eligibility and compensation
- Exception management
- Case-based assignment
- Risk assessment
- Order validation
- Underwriting
- Scoring, pricing and rating

Maximum involvement for maximum return

ILOG BRMS fully supports BPM solutions maintained by both developers and business users. Mission-critical BPM systems are typically managed by large teams of developers who benefit greatly from the flexibility and versatility of ILOG BRMS. Similarly, ILOG BRMS enables business users to efficiently contribute their knowledge and best practices through direct business rule management. The rules they author can be worked on collaboratively through a central repository and used throughout a BPM infrastructure, shortening development and deployment time. For policy-intensive businesses, ILOG BRMS is an important service oriented architecture (SOA) component for achieving competitive advantage.

BRMS essentials:

- A fully integrated graphical environment for developing, debugging, deploying and managing business rule applications
- A central repository that provides highly customizable rule management features and supports collaboration between IT and business users
- Intuitive, user-friendly rule editors with point-and-click interaction
- Automatic consistency checking that ensures the integrity of rules for greater performance and accuracy
- Web-based rule management for remote access and management
- Business rule languages that can be used out of the box or tailored to specific spoken languages or user roles
- Fastest business rule engines on the market
- Most preferred platforms: C++, Java and .NET
- Complete compatibility with ILOG's leading products for optimization and visualization
- ISIS: methodology for deploying BRMS in a BPM context
- Vertical industry templates such as credit scoring cards and insurance base premium decision trees

"As more applications, flows and services are being instrumented with externalized rules, as seen in BPMSs, there is a need to manage rules separately. Explicit rules have made scouring computer code obsolete, so rule management becomes center stage."

– "Business Process Management Suites Will Be the 'Next Big Thing'"
Gartner Report
By Jim Sinur
Gartner Vice President and Distinguished Analyst

Learn more

For more information on ILOG in BPM, please contact an ILOG Sales Representative near you or visit www.ilog.com/solutions/ business/bpm.

ABOUT ILOG

ILOG delivers software and services that empower customers to make better decisions faster and manage change and complexity. Over 2,000 global corporations and more than 400 leading software vendors rely on ILOG's market-leading business rule management system (BRMS), optimization and visualization software components, to achieve dramatic returns on investment, create market-defining products and services, and sharpen their competitive edge. The BRMS market share leader, ILOG was founded in 1987 and employs more than 600 people worldwide.

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