# Cordys Rules Management

Enabling Consistent Organization Policies Managed by the Business

## Conditions

<table>
<thead>
<tr>
<th>Attributes</th>
<th>Rule 1</th>
<th>Rule 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Claim Amount</td>
<td>0-10000</td>
<td>10000-100000</td>
</tr>
<tr>
<td>Injury</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Fault</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

## Actions

<table>
<thead>
<tr>
<th>Actions</th>
<th>Rule 1</th>
<th>Rule 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fraud Probability</td>
<td>Low</td>
<td>Medium</td>
</tr>
<tr>
<td>Send Notification</td>
<td></td>
<td>Fraud Manager</td>
</tr>
</tbody>
</table>
BUSINESS RULES MANAGEMENT SYSTEM

An organization’s success depends upon its agility to respond quickly to the complexity of constantly changing market conditions, regulations, and policies. For example, an organization’s ability to quickly implement new pricing models, comply with new legislation, or a government policy can be a key differentiator in ensuring business success. But many organizations do not have the ability to react rapidly to business changes. Often, key business policies and regulatory compliance information are locked inside multiple locations like various software systems, applications, company handbooks, documents, and processes. Generally, these policies are inaccessible to the business managers, responsible for managing business policies and rules.

A Business Rule Management System (BRMS) allows policies to be held in a single repository that can be managed by the business users in close collaboration with IT. This allows consistent visibility of the business rules across the organization. It also encourages greater re-use and application of these rules in other areas of the business. A BRMS clearly identifies the relationship between business rules and business policies aiding faster deployment of these business rules and enhancing the general understanding of the policies and objectives that underpin them. It also helps determine the impact of rule changes on the overall business strategy, empowering business users to make changes to the business rules enabling greater flexibility and agility.

CORDYS RULES MANAGEMENT

Single rule repository

The business rules are externalized from the application code and processes into a single repository defined using standards based (XPath) syntax. The business and IT teams can collaborate together to define and maintain the rule repository through a single development environment, the Cordys Collaborative Workspace (CWS).

Highlights

- Consistent view of the business rules
- Complete audit trail of changes to the business rules
- Consistent execution of business policies
- Compliance with regulations and policies
The Cordys BRMS ensures compliance with extensive audits, both on changes to rules and their execution. Externalizing business rules from processes and applications allows for the continuous improvement of the processes, thereby increasing efficiency. Using intuitive testing tools, the changes can be tested for impact and stability.

**Multiple editors**

The Cordys BRMS enables business users to own and manage the business rules. It can also cater to complex rules with nested conditions, richer expressions etc. Cordys provides an advanced rule editor for IT users to define complex rules, rule templates, and business vocabularies. Business users can use the decision table editor to define rules based on the domain specific business vocabularies defined by IT.

**Business vocabularies**

Business vocabularies are domain specific terms abstracting the complex expressions defining the term. For example, in HealthCare, the term ‘diabetic’ could have a complex expression, comparing various vital statistics of a patient. IT can abstract these parameters and provide a new vocabulary for business people to use model rules.

**HOW DOES CORDYS RULES MANAGEMENT CONTRIBUTE?**

The Cordys BRMS supports modeling and maintenance of business rules expressed in business language. It provides a consistent view and understanding of decision logic across applications and processes.

The single repository provides a consistent view of the business rules in the organization enabling re-use and ease of change to existing rules. The BRMS also provides a full audit trail of any changes to the rules across the organization. Using intuitive testing tools, the changes can be tested for impact and stability.

**Diagram 2: Cordys Decision Table Design**

**Diagram 3: Rule Properties**
WHERE DOES CORDYS RULES MANAGEMENT CONTRIBUTE?
The Cordys BRMS enables faster development and easier maintenance of business rules, allowing organizations to respond more rapidly to changing market conditions. It standardizes operational decisions for consistent execution of business policies. It ensures adherence to compliance mandates, regulations, and policies across the entire organization. Cordys brings alignment and understanding of the business rules between the two key stakeholders in an organization – business and IT, with business leading.

WHY CORDYS RULES MANAGEMENT?
The Cordys Rule Management is an integral component of the Cordys Business Operations Platform (BOP). This allows seamless integration of business rules within business processes and business objects during modeling, ensuring faster execution during run time. The Cordys BRMS provides multiple editors for business users, and IT, with different needs and expectations on the ease of use, power and flexibility of definition. The Cordys BRMS supports extensible business vocabularies enabling business users to own and manage the rules. The Cordys BOP with its single development environment for business and IT and unified meta-model allows for quicker changes across the various process components, including stability tests before deployment. Lastly, the deployment and execution of business rules over a robust, high available SOA Platform enables faster performance and near non-stop business operations.

Diagram 4: Decision Table in a process

The Enterprise Cloud Platform

Cordys is a global cloud platform software provider that helps businesses move to the cloud quickly and with minimal risk. The Cordys platform combines Platform as a Service, enterprise application development, a complete Business Process Management Suite (BPMS) and the next generation of high productivity middleware. Global 2000 enterprises choose this analyst-recognized platform to improve their business operations, deliver better customer service and release additional value from existing IT. Service providers implement the platform to leverage cloud business opportunities, create new high value products and services in the cloud and reduce cost while driving innovation. Headquartered in the Netherlands, Cordys has offices in the Americas, EMEA and Asia-Pacific.

For more information on Cordys please visit http://www.cordys.com.