

High performance business rules engine and visual studio environment for Java™, .NET™ & Delphi™

Common Knowledge from Object Connections is the most comprehensive and versatile infrastructure for the management and automation of business rules and application logic. Built from the ground up using an open and extensible architecture, Common Knowledge supports the rapid integration and automation of business rules into new and existing standalone, client, server and internet based business systems.

The Common Knowledge product includes Common Knowledge Studio, a visual workbench for the construction, testing and maintenance of business rules and the Common Knowledge Rules Engine, a native .NET, Java, ActiveX and Delphi API that supports the rapid integration of business rules into the systems you build.

- **Capture and Organise**
 - Use Common Knowledge Studio to capture and organise your business rules into meaningful hierarchies of related definitions that can be easily navigated and viewed.
- **Automate and Deploy**
 - Use the native .NET, Java, Delphi or ActiveX business rules engine to rapidly integrate business rules into your applications.
- **Maintain**
 - Use Common Knowledge Studio to modify, update, document and reconfigure your business rules or allow your customers to maintain their own rules.
- **Test and Validate**
 - Interactively validate your business rules and application logic prior to deployment.
- **Benefits**
 - Provides a standardised approach to the management and automation of business rules and application logic
 - Up to 90% reduction in effort and cost of integrating business rules and application logic into your software systems
 - Deliver software that can be rapidly reconfigured without recoding
 - Represent complex business rules and application logic using familiar visual formats
 - Reuse business rules and application logic across multiple languages and operating systems
 - Automatically generate and maintain comprehensive online business rules documentation
 - Collaboratively develop business rules and application logic with clients and stakeholders
 - Test and validate your business rules prior to integration and deployment
 - Easily enhance the capabilities of Common Knowledge™ with its powerful Extender facility.

If you would like to know more about how Common Knowledge allows you to rapidly and easily reconfigure applications to really support your business, contact Object Connections – alternatively, you can download an evaluation version of Common Knowledge™ from www.objectconnections.com

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Common Knowledge

Visual Business Rules Management and Automation that makes short work of developing and maintaining intelligent business systems

Common Knowledge from Object Connections is the most comprehensive and versatile infrastructure available for the management and automation of business rules and application logic.

Common Knowledge is the only combined business rules engine and visual studio environment that allows all forms of business logic to be represented in multiple intuitive formats, reflecting the way you run your business. Unlike conventional rules engine products, Common Knowledge uniquely allows your business logic to be visually represented in a variety of inter-operable formats (including trees, tables, grids, rete rules, workflows, flowcharts, state-maps and scripts) or using a custom format of your own development.

- **What are business rules?**

- Business rules are the key day-to-day policies, constraints and know-how that, for example, allow insurance companies to determine premiums, telecommunication carriers to determine call spends and banks to authorize credit. As such, business rules are one of an organisation's most valuable, yet least leveraged assets. They are strategic to the successful operation of all organisations.

- **You need flexible, manageable solutions**

- Software applications today must be flexible in adapting to the challenges of dynamic business models and processes. Making changes to these processes and the underlying software application logic usually requires extensive - and expensive - programming changes.

- **... and a better way to manage change**

Common Knowledge allows both developers and business-users the means to define, manage and modify the business logic behind complex applications by altering the rules alone - visually and 'on the fly'. Common Knowledge gives you the power to change the rules - without resorting to costly changes in application code - so the whole business can work as a team.

- **Common Knowledge can improve business rules management in most industry sectors**
- Banking • Insurance • Telecommunication • Manufacturing • Consulting • Process Control Supply Chain Management • Logistics

Features

Extensible architecture • Flexible visual rule formats • Integrated development environment • Automated rules validation • Automatic document generation • 100% native .NET, Java, ActiveX and Delphi APIs • Extensive integration support • Supports all major platforms (Windows, Solaris, Linux) • Comprehensive documentation

Common Knowledge allows you to rapidly and easily reconfigure the applications that support your business.

Immediate benefits include

- Representation and maintenance of business rules in a highly visual and intuitive manner familiar to both business and technical staff
- Quick implementation of policy, pricing or product changes in response to changing business conditions
- Reduced IT development and maintenance costs
- Improved operational effectiveness and quality control through continual enhancement of business rules and policies
- Clear separation of business rules from the computer programs and information systems that use them
- Effective sharing of business rules across applications, departments, suppliers, customers and partners

Overall, Common Knowledge gives organisations an opportunity to transform their business rules into strategic corporate assets.