

_experience the commitment



Ratabase® Calculator

RATING

POLICY ADMINISTRATION

UNDERWRITING

ENTERPRISE INCENTIVE MANAGEMENT

The complete rating solution

The Ratabase® Calculator, commonly referred to as the “rating engine”, is the high powered component that allows any end-user application, on any platform, to access the rates and rules built by the Ratabase Product Builder. The Calculator is a powerful component that is implemented as part of your production environment(s). The Ratabase Calculator component is available on a wide range of platforms including Windows, UNIX®, AS400®, and Mainframe.

The speed and efficiency of the Ratabase Calculator is unparalleled in the industry. For this reason Ratabase has been chosen by the top insurers around the world. Processing hundreds of thousands of transactions daily at these insurers, the Ratabase rating engine is the power under the hood of their applications. Whether you are processing on the web, an online legacy system, or processing batch renewals, the Calculator can deliver the throughput, performance, and power you need.

Complete interoperability

The Calculator, a callable module, is easily accessed from any end-user application on any platform via the Ratabase adapter. This adapter maps captured front-end application input data into the Calculator data structures and indicates which formulas and rates are needed to rate the policy. Once called, the Calculator retrieves the necessary rates and rules from the production Ratabase database and instantaneously performs the calculations based on the logic it retrieves from the database. The Calculator will return any number of aggregated premiums or interim calculation values to the adapter which then passes these output values back to the calling end-user application.

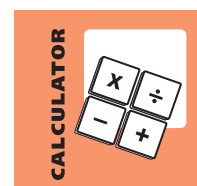
The complete interoperability model of Ratabase allows you to easily access the Calculator on any platform from any application. This approach has allowed insurance carriers to gain competitive advantage by easily integrating the Calculator into third-party applications as well as in-house developed solutions.

The basis for this approach is a single component that can run on virtually any production platform in any architecture. With Ratabase, you are not forced to execute on a specific platform, rather Ratabase can reside and be called where it makes architectural sense for your implementation.

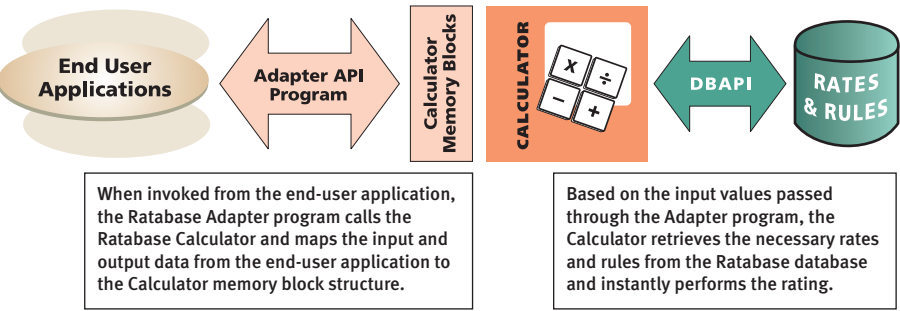
Additionally, your production Ratabase rate and rule database can reside on your chosen production platform(s) and RDBMS depending on that platform (for example DB2® on mainframe, SQL on Windows, or Oracle® on HP-UX®). Because the Calculator is identical on each platform, it can be easily deployed on multiple environments for different end-user applications, all using the same rating logic designed in the Ratabase Product Builder, and proven to always generate the same results on different platforms.

Flexible integration

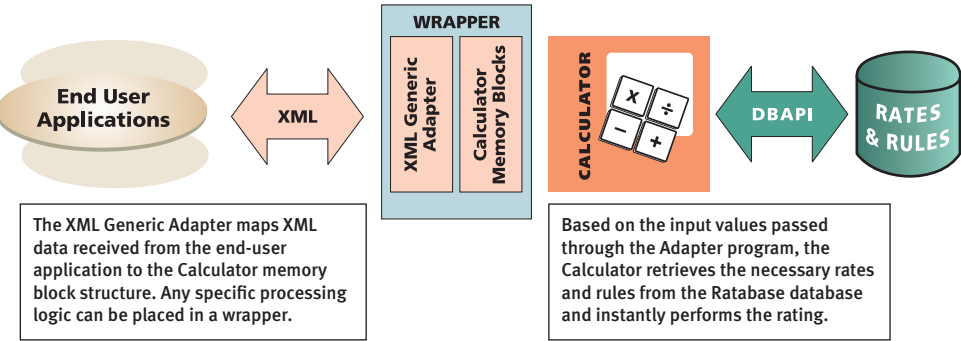
Accessing the Calculator from anywhere is possible because of its ability to be called in a variety of methods including a standard API or an XML data stream. Standard API adapters can be written in any language that can produce a null delineated string and have successfully been implemented using languages including COBOL, C, C++, PL/1, RPG, Visual Basic, and Java. Standard C header files and COBOL copybooks are provided to aid in developing the adapter. The adapter communicates with the Calculator via the native C interface exposed by the Ratabase Calculator, which comprises eight proprietary “block-like” data structures.



Complete interoperability



For XML implementations, the Calculator can easily be called via an XML Generic Adapter component that allows communication to and from the Ratabase Calculator via XML streams that comply with the Ratabase Document Type Definition (DTD). This XML Generic Adapter can be coupled with a Line of Business wrapper component that is designed to encapsulate the complex line of business processing or transform data to/from other XML documents.



Whether you are trying to consolidate systems or deploy new technologies, the flexibility of the Ratabase Calculator provides the foundation that allows your business applications to be strategically positioned for technological evolution.

Corporate profile

CGI clients around the world gain the advantage of knowledgeable, dedicated partners working to develop and implement IT oriented solutions for business and technology challenges.

CGI is one of the largest independent information technology services firms in North America. CGI couples extensive industry sector expertise with a full range of services including strategic IT and management consulting, systems integration, and management of IT and business functions.



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For additional information

Contact us at www.cgi.com to see a demonstration of the industry's most used and admired rating and rule management solution and learn how you can begin increasing profits immediately.