



Opening Unify DataServer to Windows and the Internet

Case Study



Challenge

Unify recognized that ODBC was the de facto connectivity standard for opening its Unify DataServer databases to the Windows desktop and that JDBC was the preferred standard for Web-based data access. Unify needed a standards-based data access solution that would provide client/server connectivity for its Unify DataServer database line. Moreover, Unify needed a connectivity solution that was flexible enough to handle client/server connectivity to both the Windows desktop and the Internet.

Solution

Having already used SimbaEngine SDK to build an ODBC driver for Unify DataServer ELS, Unify was able to use its familiarity with SimbaEngine SDK to build ODBC drivers for the remaining databases in the Unify DataServer line. SimbaEngine SDK was customized for all databases in the Unify DataServer line to create Unify DBIntegrator, which allows Unify DataServer customers to retrieve and utilize data in their databases in new ways, greatly increasing the value of their database information.

Results

All Unify DataServer databases now support both an ODBC interface and JDBC connectivity to provide for a variety of data access methods, delivering high performance across a wide variety of environments and deployment configurations.

"We licensed SimbaEngine SDK because of its enabling ODBC/JDBC technology for the creation of DBIntegrator, which opens our Unify DataServer database line to the Microsoft Windows desktop and the Internet. We are very pleased with SimbaEngine SDK and Simba's ability to support this product."

-CTO/VP of Strategy, Unify Corporation

Unify® Corporation (Unify) is a global provider of software product solutions that help companies deliver robust and reliable Web and business applications in less time, at a lower cost and with significantly reduced maintenance. Unify has over 2,000 active customers worldwide, is headquartered in Sacramento, California and has offices in the UK and France, in addition to a worldwide network of distributors. Further information is available at www.unify.com.

Unify DataServer® is a family of scalable, high performance and easy-to-use database management products, including Unify DataServer, Unify DataServer ELS and Unify DataServer NT. Unify DataServer products are available on a variety of platforms, including Windows NT, Linux and all major UNIX platforms.

Simba Technologies Inc. (Simba) offers SimbaEngine SDK, a Software Development Toolkit (SDK) that incorporates a full SQL Engine and provides ODBC, JDBC, OLE DB, ADO and ADO.NET connectivity to underlying proprietary data sources.

Unify recognized that ODBC was the de facto connectivity standard for opening its Unify DataServer databases to the Windows desktop and that JDBC was the preferred standard for Web-based data access.

Having already used SimbaEngine SDK to build an ODBC driver for Unify DataServer ELS, Unify was able to use its familiarity with SimbaEngine SDK to build ODBC drivers for the remaining databases in the Unify DataServer line.

In order to rapidly bring their products to market, Unify chose to license technology from Simba, the world leader in standards-based data access solutions. Simba was considered a perfect partner for Unify—a partner who could update and maintain their Unify DataServer connectivity solution, while allowing Unify to concentrate on its core business.

Simba's solution included a number of components from their SimbaEngine SDK, providing the Unify DataServer databases with an ODBC API, as well as client/server ODBC and JDBC connectivity.

Unify needed a standards-based data access solution that would provide client/server connectivity for their Unify DataServer database line. Moreover, Unify needed a connectivity solution that was flexible enough to handle client/server connectivity to both the Windows desktop and the Internet.

SimbaEngine SDK was customized for all databases in the Unify DataServer line to create Unify DBIntegrator, which allows Unify DataServer customers to retrieve and utilize data in their databases in new ways, greatly increasing the value of their database information.

Unify DBIntegrator is a server-based data access solution featuring a thin client/server architecture for flexible deployment and high performance connectivity to Unify DataServer. The multi-tier architecture provides a thin, universal ODBC and JDBC client on the desktop, which communicates over LAN, WAN, or the Internet with the DBIntegrator server. Unify ODBC drivers then pass the translated SQL statements to the database server for processing. In this way, ODBC-compliant applications can have connections to multiple Unify DataServer databases, or a combination of Unify DataServer and PC databases. No source code or database changes are required.

The thin ODBC and JDBC desktop clients can be installed from a central server, greatly simplifying driver deployment, as there is no need to visit the desktop. DBIntegrator uses a proprietary

network transport layer to reduce network traffic by compressing data, combining database calls, and using pre-fetch data routines to provide for fast connectivity, even over high latency networks like the Internet. Database queries and operations are performed on the DBIntegrator server, rather than on the desktop, resulting in high performance. In addition, each component is optimized to use the minimum amount of memory, while providing the best possible performance.

Simba continues to support Unify DBIntegrator and provides ongoing upgrades.

All Unify DataServer databases now support both an ODBC interface and JDBC connectivity to provide for a variety of data access methods, delivering high performance across a wide variety of environments and deployment configurations.

About Simba Technologies Inc.

Simba Technologies Inc. is the recognized world leader in standards-based data access products and solutions. Simba works with the world's leading software companies to deliver first class data connectivity solutions.

Simba is a pioneer in ODBC, MDX, ODBO and XMLA. Since 1991, Simba has developed advanced data access solutions for thousands of end users. Today, more than half of all MDX providers have been built with Simba technology, and through a partnership with Microsoft, Simba's SQL technology has been installed on more than 30 million desktops worldwide.

Simba's firm commitment to delivering the highest customer value through innovative solutions and expert support has gained the company a reputation as the industry leader for data connectivity solutions.

For more information about Simba's data connectivity products and services, visit www.simba.com or call 1.604.633.0008.

advantage

Your competitive

FOR DATA CONNECTIVITY SOLUTIONS

Simba Technologies Inc.

938 West 8th Avenue
Vancouver, BC Canada
V5Z 1E5

Tel: +1.604.633.0008
Fax: +1.604.633.0004

solutions@simba.com

Printed in Canada

www.simba.com