

# RainStor

## Improving Performance, Platform Flexibility and Decreasing Costs with a Simba-built ODBC Driver

### Product

SimbaEngine ODBC SDK

### Customer



### Key Customer Requirements

- Flexible licensing options
- Improved ODBC driver performance
- Support for Itanium platform
- Support for IPv6
- Responsive customer support

### About SimbaEngine ODBC SDK

SimbaEngine ODBC SDK is the easiest and quickest way to enable ODBC, JDBC, OLE DB and ADO.NET data access to both SQL and non-SQL data sources. Using the SDK, users are able to build an ODBC driver, JDBC driver, OLE DB driver and ADO.NET provider for their application or database in as little as five days. SimbaEngine ODBC SDK includes all standards-based data interfaces and Simba's SQL Engine in one package at no extra cost. Learn more at [www.simba.com/odbc-sdk.htm](http://www.simba.com/odbc-sdk.htm).

### About Simba

Simba Technologies Inc. is the recognized world leader in standards-based data access products and solutions. Simba works with leading companies globally to deliver first class data connectivity solutions. Simba is an industry pioneer in relational and multi-dimensional data connectivity, as well as MDX query language technology. For more information, visit [www.simba.com](http://www.simba.com).

“*Simba is a very responsive and easy to work with partner for data connectivity to RainStor's product. Simba's solution includes all standardized data interfaces, components and functionality in a single package with no hidden fees. We have everything we need to offer our customers easy access to their data from third-party applications. Simba also supports us on multiple platforms, and adding new platforms is easy and predictable with Simba's upfront licensing and straight-forward pricing.*”

- CTO, RainStor

RainStor ([www.rainstor.com](http://www.rainstor.com)) is a technology pioneer in online information preservation. The company's specialized data repository significantly reduces the total cost of retaining data in the enterprise or the cloud through extreme data reduction, simplified data management and impressive scalability.

Using 20 to 60 times data compression, RainStor's product enables organizations to efficiently store petabytes of historical raw data in a fraction of the storage space that the same data would require in a production environment. With RainStor's innovative technology, data is de-duplicated and compressed enabling an average of 97 percent storage footprint reduction. RainStor's partners and customers reduce storage and operational costs, as well as retain data for future query access. Unlike traditional archival technologies that lock away data, RainStor's solution keeps data online, tamper-proof and immutable.

To provide its customers with ready and easy

access to historical data, RainStor includes ODBC and JDBC data access within its product. ODBC and JDBC data connectivity provides the ability to RainStor partners and customers to connect numerous Business Intelligence (BI) and reporting applications – such as SAP BusinessObjects Crystal Reports, IBM Cognos, MicroStrategy, Oracle Hyperion System 9 BI+ and many others – to RainStor, making it quick and easy to respond to audit, business or regulatory inquiries on retained data.

RainStor's initial ODBC driver was built using an alternative technology. However, RainStor decided to switch to Simba because Simba's solution offered an inclusive package of data interfaces, functionality and components within a single, flexible software license that fit its product technology plan. Simba's solution promised to deliver excellent performance and scalability, and supported multiple platforms that RainStor planned to add. In addition, Simba's solution supports Internet Protocol version 6 (IPv6), which

*Simba built a custom ODBC driver and JDBC driver for RainStor using SimbaEngine ODBC SDK. RainStor's Simba-built data connectivity solution provides scalability, broad platform support and a cost-effective solution for RainStor through simple, transparent pricing and flexible licensing.*

#### Server Platform Support:

- ✓ RedHat Enterprise Linux/CentOS 4 and 5
- ✓ Solaris 10 (SPARC and x86\_64)
- ✓ AIX 5.3 and 6.1 (Power64)
- ✓ SUSE 10 and 11 (x86\_64 and ia64 (Itanium))
- ✓ HP-UX 11i v2 and v3, ia64 (Itanium)
- ✓ Windows Server 2008

#### Client Platform Support:

- ✓ Windows XP, Vista, 7, Server 2003 and Server 2008 (x86 32 and 64)
- ✓ SUSE 10 and 11 (x86 32 and 64)
- ✓ RedHat Enterprise Linux/CentOS 4 and 5 (x86 32 and 64)
- ✓ Solaris 9 and 10 (SPARC 32 and 64, x86\_64)
- ✓ AIX 5.3 and 6.1 (Power 32 and 64)
- ✓ HP-UX 11i v2 and v3, ia64 (Itanium)

Table 1: RainStor Specified Platform Support

was another key feature for RainStor.

With these specific requirements, RainStor engaged Simba to build custom ODBC and JDBC drivers for its product using SimbaEngine ODBC SDK.

#### RainStor Realizes Immediate Benefits

Once implemented, RainStor started to see performance benefits from Simba's ODBC driver. Simba was very responsive to RainStor's needs and delivered a complete data connectivity solution.

RainStor's Simba-built ODBC driver dramatically increases the number of concurrent connections in separate threads that a customer can make to the RainStor product. Notably, client-server throughput and small query roundtrip processing time

delivered performance well above initial expectations.

JDBC client connectivity is delivered via the client-server component that is included with SimbaEngine ODBC SDK. This enables high-performance connectivity between java-based BI applications and RainStor.

The SimbaEngine ODBC SDK-based data connectivity solution provides RainStor with the broad client and server platform support it requires (see Table 1). Furthermore, Simba's predictable product roadmap and transparent licensing make it easy for RainStor to add future functionality and additional platforms as needed. IPv6 is also fully supported within RainStor's new ODBC and JDBC drivers.

## The SimbaEngine ODBC SDK Advantage:

### Get ODBC and JDBC Access Faster, Easier and at a Lower Cost

- ▶ SimbaEngine ODBC SDK provides you with the ability to quickly create data access for popular tools like Microsoft Excel, SAP BusinessObjects Crystal Reports and other ODBC-type applications to connect to any SQL or non-SQL data source.
- ▶ 99% of your data driver is complete with the SimbaEngine ODBC SDK components, allowing you to create a data driver within a few days. Reduce your overall time to market and gain a rapid return on investment.
- ▶ Simba's excellent technical documentation will assist you to build your data driver quickly and easily in combination with Simba's expert technical support.
- ▶ Simba's support gives you direct access to Simba product engineers to guide your development effort.
- ▶ SimbaEngine ODBC SDK provides ODBC, JDBC, OLE DB and ADO.NET data connectivity in one package, at no extra cost. This helps to keep development costs lower when your customers require modifications or changes.
- ▶ More available standard data interfaces means greater compatibility with even more products. For ISVs, this means more opportunity and greater revenue.
- ▶ You don't need to learn the complexities of the ODBC, JDBC, OLE DB or ADO.NET data standards because SimbaEngine ODBC SDK is complete. Simba also keeps you up to date with new releases via support as the data standards and markets evolve.
- ▶ SimbaEngine ODBC SDK provides you with a comprehensive data driver development toolkit to adapt to changing market needs.
- ▶ If you need development assistance to build your data driver, Simba Services can do the work for you.

Simba's data connectivity solution is a proven industry standard. Simba co-developed the original ODBC standard with Microsoft in 1992.