



Data Sheet: ITTIA ODBC

Copyright © 2005 ITTIA LLC
All rights reserved



Data Sheet: ITTIA ODBC

ITTIA ODBC meets the needs of developers who need to connect their db.* Open Source database or proprietary Birdstep embedded database (Raima Database Manager™, RDM™, RDM Embedded™, dbVista™, and Velocis™) to popular end-user database tools, such as Microsoft Access, Microsoft Excel, Visual Basic, Power Builder, Crystal Reports, or other ODBC third party tools. ITTIA ODBC is designed to offer ODBC access to embedded databases in a quick and efficient way which adds value and extends the life of applications by providing better, more convenient access to the data.

The ITTIA ODBC Value Proposition

ITTIA ODBC offers developers compelling value as they plan their core IT and e-business systems. It allows them to use db.* or RDM[†] based applications as part of a complete data solution using ODBC. Developers will realize important benefits from using ITTIA ODBC with their existing software.

Unlock Embedded Data

Application built using db.* or Birdstep's Raima Database Manager[†] (RDM[†]) are more valuable when users can access their data from spreadsheets, report writers, and other common end-user software, as well as directly from SQL. And the ability to easily populate the database from external sources provides another dimension of flexibility and power. ITTIA ODBC unlocks the database by making db.* and RDM[†] databases compatible with ODBC, the most widely used industry standard for sharing data in the Windows environment.

Custom & Ad hoc Reporting

With ITTIA ODBC you can create custom reports with popular tools such as Microsoft Access, Visual Basic, Crystal Report Writer, Cognos, Business Objects, and many more ODBC compliant applications. With ITTIA ODBC, you can create ad-hoc reports to provide the information you need above and beyond those pre-defined by the original application developers.

Facilitate Data Migration

When migrating your existing db.* or RDM[†] application to a new platform, or to a completely new system, preserving your existing data is of prime importance. ITTIA ODBC provides the fundamental tool needed to migrate your data, and implement any data conversion or cleansing necessary. In additionally, ITTIA's staff of expert database consultants is available to provide experienced assistance to aid your migration efforts.



Application Integration

With ITTIA ODBC, data can be distributed to ODBC compliant applications and distribution channels in support of enterprise level business intelligence and decision support systems, thus incorporating your db.* or RDM[†] database directly into your enterprise computing strategy.

Web integration

Using ITTIA ODBC, you can create web-based applications that can leverage your db.* or RDM[†] application investment to the dynamic and productive environment of the internet. With ITTIA ODBC, your existing Web development tools, such as scripting languages and publication packages, can natively access your data.

Anytime Data Access

db.* and RDM[†] use proprietary data access mechanisms to support high performance and other specialized requirements. But this places the burden of data access on developers or the Information Services department. ITTIA ODBC removes this bottleneck by empowering users to query data directly from the database. And because ITTIA ODBC is based on industry standards, users are presented with a simple, consistent interface.

Client/Server Architecture Enabled

Data is more valuable when connected - and ITTIA ODBC Server enables clients on multiple platforms to access a db.* or RDM[†] database, addressing the challenge of heterogeneous networks. ITTIA ODBC Server adds client/server capabilities to db.* or RDM[†] databases, while handling all network communications and data portability issues. Users no longer need to be concerned about the platform or location of a connected database. Instead, they only need to know the name of the data source.

Cost Effective Solution

A db.* or RDM[†] user might consider moving to a new application built on an ODBC database. However, given the cost of new software, including that of enterprise databases, and the disruption this entails, this is an expensive and time-consuming proposition. ITTIA ODBC adds ODBC compatibility at a much lower cost, while retaining the benefits of your existing systems.

Improve Existing Systems ROI

Adding ODBC technology to access your data adds life to your applications. ITTIA ODBC assists in integrating your existing db* or RMD* applications into your existing computing environment, which makes it possible to continue to use known, trusted systems. This preserves solid investments, and prevents costly migration and retraining.



Multiple Database Versions Supported

ITTIA ODBC supports db.* for open source platforms as well as ALL versions of Raima Database Manager*, RDM[†], RDM Embedded*, db.Vista*, and Velocis*. The read/write data access and distribution features of ITTIA ODBC are available for applications based on db.* RDM[†].

Technical Support

With staff knowledge acquired throughout more than 20 years of work in the embedded database field, ITTIA offers premier technical support. Consulting services are also available to help with database architecture design, performance tuning, application integration, data migration, and other development tasks.

ODBC Specification

- Requires no knowledge of ODBC
- Level 1 API
- Level 2 API (mostly)
- ODBC 3.x compliant
- Transaction Support
- Outer joins
- Scrollable cursors

Supported Platforms

- Windows
 - Windows 98/ME
 - Windows NT/2000
 - Windows XP
- UNIX
 - Solaris
 - SCO
 - HP-UX
 - Linux

Summary

Applications are built with the intentions of delivering “better than expected” value to end-users, but the reality is that users will push the limits of even the best applications.

Eventually end-users experience the need to enhance the output and reporting capabilities of applications to deliver information in a more useful format. ITTIA ODBC is the solution for better access to the data in a db.* or RDM[†] based application.

[†] Birdstep RDM Embedded [™], RDM[™], Raima[™], db.vista[™], and Velocis [™] are trademarks of Birdstep Technology Inc.