

# OpenConnect *sqlConnect*®

*The secure, scalable connection to your mainframe data for enterprise wide data services.*

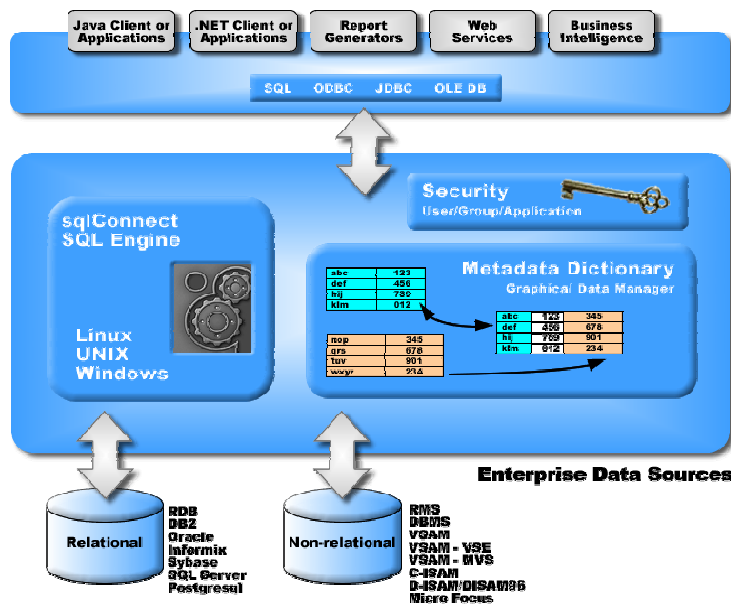
*sqlConnect* provides reusable, secure, real-time read/write access to multiple heterogeneous databases as if they were one database. With *sqlConnect*, a single metadata model can be created that spans all enterprise data sources and applications requiring data access. The result is an enterprise-wide data service that provides a reusable standards-based framework for information access.

Configure one data service across all of your legacy data sources to provide one point of access for any logical information using standards based SQL syntax.

*All of our company's business logic resides in our mainframe.*

*OpenConnect enabled us to tap into it and provide secure real-time access to our independent agents.*

Dave Todoran,  
Western Reserve Group



## Mainframe

VSAM, QSAM / PDS, DB2, IMS  
VSE/ESA, OS/390, z/OS

## MidRange

RMS, Oracle Rdb, Oracle RDBMS, DB2,  
Sybase, Informix, CISAM/DISAM  
VAX/VMS, HP-UX, SCO, Solaris, AIX, Linux

## Server

SQL-Server, DataFlex, PowerFlex  
Windows 2000/NT/2003

*"Their thorough understanding of the mainframe, combined with their extensive Web-services expertise, enabled us to get a solution up and running in a very short period of time"*

Erik Platte,

LoanCare Servicing Center, Inc

## Utilize Single Source of Corporate Data

*sqlConnect* preserves your existing systems investment. This is accomplished by enabling you to continue to utilize the data resident in those systems, preserving any other application logic accessing the data and existing interfaces to the data. *sqlConnect* reduces workload and resource stress through movement of many functions to the application server.

Unlike other solutions that require the movement of data from the transactional system to a relational database periodically, *sqlConnect* enables users to access data directly from transaction database sources, preserving data integrity and presenting a single, consistent service into your SOA.



## Create a single data service for you SOA and BPM efforts.

### Scalable by design

*sqlConnect* is a scalable solution designed for business-critical production environments. *sqlConnect* can handle any number of performance-enhancing tasks, including SQL optimization on single and multikeyed indexes and multitable joins. By offloading much of the processing required for data extraction to the application server, *sqlConnect* minimizes the impact of data extraction on the transactional system and significantly reduces network traffic.

### Distributed Architecture

*sqlConnect* has a distributed SQL engine, meaning that the work of processing queries is distributed between the application servers and the host data server. Most of the CPU-intensive query processing, such as data conversion and sorting, is performed on the application server. All of the data retrieval is performed on the host data server.

This distributed architecture has several advantages:

- When performing joins, significantly less data is sent across the network because no duplicates are transmitted.
- The workload on the data server is minimal, because CPU-bound tasks are moved to the client, resulting in a reduction of load on the data server and better performance across the enterprise.

### Merge, Join, Manipulate Data from Across your Enterprise

*sqlConnect* sees all of your datasources as one logical datasource, allowing you the flexibility to create an enterprise-wide data service for your SOA, masking the complexity of the physical distribution of various data elements. Take data abstraction to the next level for your SOA, and create the true enterprise datamodel you desire without the limitation of your current physical data architecture.

Database	Data Base Platform (Server HW)	Primary SW Platform
RMS	DEC/VAX/ALPHA/Integrity	VMS/OpenVMS
RDB / DBMS	DEC/VAX/ALPHA	VMS/OpenVMS
IMS	os/390, z/OS series of IBM	z/OS, OS/390
QSAM	os/390, z/OS series of IBM	z/OS, OS/390
VSAM	os/390, z/OS series of IBM, VSE	z/OS, OS/390, VSE
DB2	AS/400, S/390, Intel	Windows, z/OS, OS/390, OS/400, Linux/Unix
Oracle	Alpha, Intel, Sun, VMS	Windows, OS/390, Linux/Unix, VMS
Microfocus	Intel, Unix(AIX, HPUX, Solaris, Linux)	Windows, Linux/Unix
CISAM / Informix SE	Intel, Unix(AIX, HPUX, Solaris, Linux)	Windows, Linux/Unix
DISAM	Intel, Unix(AIX, HPUX, Solaris, Linux)	Windows, Linux/Unix
Sybase	HP, IBM Intel	Windows, Linux/Unix
Sybase (ASA)	Intel Based	Windows, Linux/Unix
Informix	HP, Sun, IBM	Windows, Linux/Unix
DataFlex / PowerFlex	Intel base Processor, Unix	Windows, Linux/Unix
MySQL	Various	Windows, Linux/ Unix
SQL Server	Intel	Windows

For over 20 years, OpenConnect has consistently led the market with innovations to connect the mainframe to evolving technology architectures. OpenConnect helps the world's largest and most complex organizations comprehend, configure and securely connect to their mainframe applications and data, saving time and money, improving return on legacy investments while minimizing the risks of extending and enhancing legacy systems into contemporary ones.

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### Security

*sqlConnect* not only respects existing security restrictions, but offers and provides additional user, group, row, field, table, and database security.

