

## CONNX DB Adapter for Codasyl DBMS

The CONNX for Oracle Codasyl DBMS module provides secure, real-time, read/write SQL access to Oracle Codasyl DBMS databases on the VAX, Alpha and HP Integrity servers running OpenVMS. In conjunction with other CONNX modules, you can perform seamless joins between Oracle Codasyl DBMS and most other databases.

### Join DBMS with Multiple Data Sources

In conjunction with other products in the CONNX suite, you can perform seamless joins between two or more supported disparate databases using ODBC, OLE DB, .NET and JDBC. CONNX for DBMS access is fast and efficient. With CONNX, a single metadata model can be created that spans all enterprise data sources and applications requiring data access. The result is an enterprise-wide view of data that provides a reusable standards-based framework for information access. To the user or application, data appears as if it existed in a single federated relational database.

### SQL & CONNX for DBMS

CONNX supports ANSI SQL (Insert, Update, Select, and Delete); group by, distinct, aggregate (AVG, MIN, MAX, SUM, and COUNT), and all substring, string, date, conversion, and math functions. Nested inner and outer left/right joins are supported, as well as subqueries and correlated subqueries. CONNX also supports Unions and Insert/Select.

### Views

CONNX supports the creation of views, which facilitate hiding table relationships from the end user. CONNX Views facilitate the creation of heterogeneous joins between multiple disparate databases.

### Data Conversions

CONNX supports over 600 data types and performs bi-directional data conversions for data updates and retrieves.

### Popular Program Access

As with all databases supported by CONNX, CONNX for DBMS has been tested with Microsoft Access, Microsoft Excel, Microsoft Visual Studio, including Visual Basic/C++, etc., Delphi, Power-

Builder, Impromptu, ReportNET, Lotus Approach, Crystal Reports and vendors such as Cognos and Business Objects. CONNX for DBMS also supports ADO and ASP.NET (Active Server Pages) and JDBC is used with Websphere and Apache Tomcat.

### Security Preserved and Extended

The CDD provides additional field and table-level encryptable security by group or user, ensuring the security of sensitive information. CONNX also supports row level security with CONNX Views. Additionally, the CONNX Data Dictionary is encrypted to secure sensitive information.

### Command Execution

CONNX provides an RPC (Remote Procedure Call) mechanism that allows remote execution of VMS batch jobs, command procedures and applications from a PC.

### Record Definition Imports

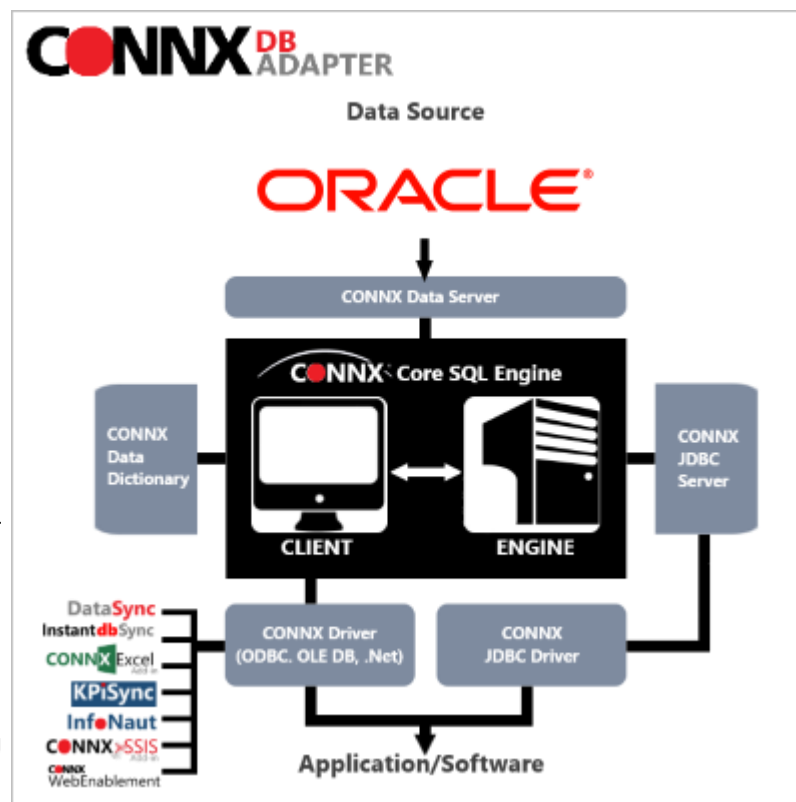
CONNX imports tables directly from DBMS Databases.

### Compliance

ODBC Full Compliance (level 2) ; JDBC Type 3 Driver; OLE DB 2.5 Driver; NET 2.0 Driver and above

### Table Redefinition

The CONNX Data Dictionary supports multiple record layouts of the same DBMS file, based on a "record type" field.



For a free Evaluation copy of CONNX, or more info, please contact a CONNX Representative at (425) 519-6600 or sales@connx.com.

Learn more About [DBMS](#)

### CONNX DB Adapter for Codasyl DBMS

Features	Benefits
<ul style="list-style-type: none"> <li>Federate with other relational, non-relational, networked, hierarchical, object, and flat-file database information through a single, easy-to-use, SQL-based interface.</li> <li>Data at your fingertips – anything from legacy data to recently added content to application information – anytime, anywhere.</li> <li>A reusable standards-based framework for information access that drastically lowers the short- and long-term costs usually associated with complex enterprise data solutions.</li> </ul>	<ul style="list-style-type: none"> <li>Boosts productivity and efficiency of end users and application builders by connecting different functions within the enterprise.</li> <li>Shortens development time on projects using open standards</li> <li>Improves time to market.</li> <li>Provides cost-effectiveness.</li> <li>Preserves initial investment.</li> </ul>
<ul style="list-style-type: none"> <li>Access from Microsoft Windows, Unix and Linux productivity tools, database applications, and development environments.</li> </ul>	<ul style="list-style-type: none"> <li>Enhances flexibility for database use in a multitude of OS environments and BI tools.</li> </ul>
<ul style="list-style-type: none"> <li>Proven scalability, supporting any number of client machines.</li> <li>Compatible with any .NET- ODBC-, OLE DB-, or JDBCcompliant application.</li> </ul>	<ul style="list-style-type: none"> <li>Enables use of open standards interfaces with investment protection.</li> <li>Minimizes resource utilization</li> <li>Utilizes current infrastructures with no additional cost.</li> </ul>
<ul style="list-style-type: none"> <li>Open-platform technology that integrates with existing systems so you can manage them with ease.</li> </ul>	<ul style="list-style-type: none"> <li>Extends the functionality and life of existing architecture.</li> </ul>
<ul style="list-style-type: none"> <li>Windows, Unix and Linux client support.</li> </ul>	<ul style="list-style-type: none"> <li>Supports existing IT infrastructure at no additional cost.</li> </ul>
<ul style="list-style-type: none"> <li>Field and record level protection.</li> </ul>	<ul style="list-style-type: none"> <li>Provides maximum levels of data security</li> </ul>
<ul style="list-style-type: none"> <li>Heterogeneous joins for the creation of reports that consolidate data spanning multiple data sources.</li> </ul>	<ul style="list-style-type: none"> <li>Maintains integrity of data.</li> </ul>
<ul style="list-style-type: none"> <li>Real-time read/write access to data.</li> </ul>	<ul style="list-style-type: none"> <li>Enhances flexibility.</li> </ul>
<ul style="list-style-type: none"> <li>Multiple views support.</li> <li>Extensive data type conversion support.</li> <li>Flexible data format and storage.</li> </ul>	<ul style="list-style-type: none"> <li>Minimizes complexity for end users.</li> </ul>
<ul style="list-style-type: none"> <li>Comes bundled with the CONNX InfoNaut querying and reporting tool that enables users to instantly view their data.</li> </ul>	<ul style="list-style-type: none"> <li>Easy to install and use</li> <li>Standard version of InfoNaut included with CONNX.</li> </ul>