



# CONNX DB ADAPTER FOR DATAFLEX®

The CONNX for DataFlex® module provides secure, real-time, read/write access to DataFlex data sources on Windows®, Solaris®, HP-UX®, AIX®, Linux® and other UNIX® flavors. In conjunction with other CONNX modules, you can perform seamless joins between DataFlex and most other databases.

## Join DataFlex 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 DataFlex 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 DataFlex

The CONNX distributed SQL engine reduces the workload placed on the mainframe by performing CPU-intensive operations where the CONNX client resides (Linux, UNIX or Windows, i.e., remote desktop, web and/or application server). The database calls are low level and minimize impact on the system. CONNX directly imports DataFlex metadata from the DBDs. 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.

## Key features

### 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 more than 600 data types and performs bi-directional data conversions for data updates and retrieves.

### Compliance

Count on ODBC Full Compliance (level 2), JDBC Type 3 Driver, OLE DB 2.5 Driver, .NET 2.0 Driver and above.

### Security preserved and extended

The CONNX Data Dictionary (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 CDD is encrypted to secure sensitive information.

### Table redefinition

The CDD supports multiple record layouts of the same DataFlex file based on a "record type" field.

### Record definition import

CONNX imports table definitions directly from DataFlex databases.

Learn more at: [www.softwareag.com/connx](http://www.softwareag.com/connx).

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## ABOUT SOFTWARE AG

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