

CONNX DATA VIRTUALIZATION



Unlock enterprise data wherever it resides, and use it in real time

Meet all of your data access, integration and management requirements whether you are seeking to plug into mainframe, mid-tier, desktop or cloud systems. With the widest range of database drivers in the industry, we can help you create a single view of multiple databases and allow real-time access to consume the data as it is being updated in real time.

By providing a single metadata management model, our solution allows an application to retrieve and manipulate data from one or more data sources without requiring technical details about the data, such as how it is formatted or where it is physically located.

Unlike Extract, Transform and Load (ETL) processes, your data remains in place while your user is given real-time access to the source data system. This reduces the risk of data errors and reduces the workload of moving data around that may never be used.

To accomplish this, a single metadata model, using CONNX Data Dictionary, is created that spans all enterprise data sources and applications requiring data access.

Through metadata management, you create a lexicon that combines all your data into a single, comprehensible structure without altering the source structures. The result is an enterprise-wide view of data that provides a reusable standards-based framework for information access—data virtualization.

Use CONNX Data Virtualization for business intelligence, service-oriented architecture data services, cloud computing, enterprise search and master data management.

Key benefits

- Make better decisions by leveraging all of your data
- Respond faster with access to real-time data
- Avoid costs of data replication and consolidation
- Experience fewer data errors
- Put less stress on source systems workload
- Understand how changes in one place will affect everything else, without actually touching your core systems
- Plan for disaster recovery with confidence
- Maintain business continuity by never losing sight of a single record and its place in your organization

Simplified SQL data access to more than 150 data sources:

- Adabas
- Amazon®
- Azure®
- C-ISAM®
- DataFlex®
- Hadoop®
- IBM DB2®
- IMS™
- Informix®
- Oracle®
- Rdb
- RMS
- SAP HANA®
- SQL Server®
- VSAM™
- And more

Key features

CONNX DB Adapters

With the industry’s largest set of database drivers, you can access virtually any data source on any platform, whether non-relational, relational, cloud, big data or in-memory with CONNX DB Adapters.

By simplifying data access, DB Adapters preserve and enhance database systems by providing heterogeneous, secure and real-time access to disparate databases through a single driver. This means that disparate data sources can be treated as one federated relational database, allowing the enterprise complete database flexibility.

CONNX DB Adapters offer simplified data access with real-time, read/write SQL access, using open data access standards, to virtually any data source.

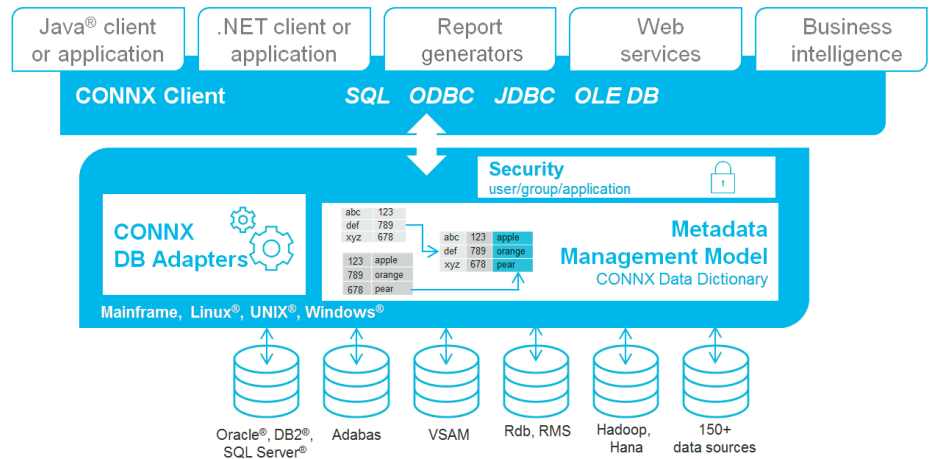
CONNX DB Adapters support open data access technologies including ODBC, OLE DB, JDBC®, J2EE® and .NET®, providing user development and reporting/query tool flexibility.

CONNX Data Dictionary

CONNX Data Dictionary is the metadata layer that enables quick and easy access to your source systems to retrieve metadata. It is a repository of information describing the data tables and fields in the accessed databases, including security.

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.

With an easy-to-use graphical user interface, you maintain the metadata, stored procedures, integrated security and views.



Consume real-time data from multiple data sources in a single virtual view with CONNX Data Virtualization.

ABOUT SOFTWARE AG

The digital transformation is changing enterprise IT landscapes from inflexible application silos to modern software platform-driven IT architectures which deliver the openness, speed and agility needed to enable the digital real-time enterprise. Software AG offers the first end-to-end Digital Business Platform, based on open standards, with integration, process management, in-memory data, adaptive application development, real-time analytics and enterprise architecture management as core building blocks. The modular platform allows users to develop the next generation of application systems to build their digital future, today. With over 45 years of customer-centric innovation, Software AG is ranked as a leader in many innovative and digital technology categories. Learn more at www.SoftwareAG.com.

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