

CONNX data synchronization and replication

Fact Sheet

Keep your data in sync with minimal resources

Keep your data fresh and up to date without impacting the performance of your data sources. With CONNX, you always provide fluid flow of fresh data to keep your database, data warehouse, big data and cloud systems current. It takes minimal effort and resources since you incrementally update only those records that have changed, eliminating the need for large and resource-intensive bulk data refreshes.

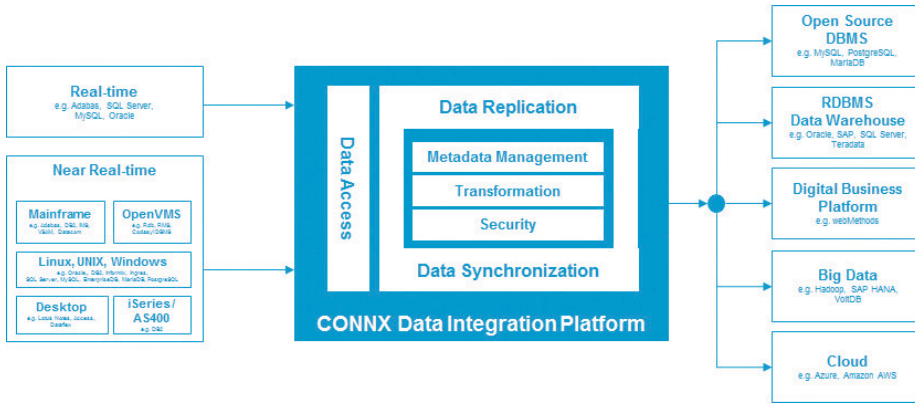
Business today moves at incredible speeds, so yours needs a fluid flow of fresh data in order to make meaningful living connections. If you're basing decisions on stale data, your business won't have what it needs to see, decide, act and thrive.

There are two basic forms of data integration: real time and near real time. Real-time data integration is just what it sounds like: It collects and aggregates the data as soon as changes are made in the database. Real-time processing is for large volumes of data in constant motion where immediate integration is an imperative. Near real-time data integration occurs periodically. Data is collected immediately but is not necessarily integrated instantly. Near real-time processing is when speed is important, but processing time in minutes is acceptable.

Key benefits

- Integrate data in real time or near real time
- Get up and running fast, within hours of connecting source and target
- Capture changes from single or multiple data sources
- Reduce manual operation
- Preserve full control and flexibility using metadata management
- Provide security on multiple levels
- Quickly adapt to hybrid integration requirements
- One integrated platform that can be extended to data access, virtualization and migration capabilities

CONNX will help you quickly synchronize and replicate data



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Features

Real-time replication

Capture, transform and replicate data from a selection of sources to a number of target data systems (such as databases, data warehouse, big data, cloud and digital platforms). Keep your data up to date with a low-latency Change Data Capture (CDC) that incrementally updates only those records that have changed.



Take the next step

To learn more about CONNX, talk to your local Software AG representative or visit www.softwareag.com/connx

Near real-time synchronization

Scale your synchronization tasks based on demand—simply schedule updates for low-use periods, such as after normal business hours, or as frequently as every minute when your business requires more up-to-date information.

150+ data connectors

CONNX provides standard SQL connectivity to a wide spectrum of databases (legacy, relational, big data and cloud) residing on platforms, such as mainframe, HP® OpenVMS, iSeries (AS/400), UNIX®, Linux®, Windows® and the desktop.

Advanced SQL Server® support

Simply add CONNX to Microsoft® SSIS to easily harvest changed data in the SQL Server database to perform efficient incremental updates.

Comprehensive transformation and ETL

Leverage SQL-based transformation with a graphical query builder that allows comprehensive mappings of tables and fields. In addition a library of more than 100 transformation functions provides many ways to map the value of a field. This enables complex transformations, including filter, sorting, joins, unions and aggregations.

Metadata management

Through metadata management, you create a lexicon that combines all your data into a single, comprehensible structure without altering the source structures.

Secure access

CONNX Security is ideally suited to handle cross-platform security issues by managing multiple database logins and secure access to the data in each system.

Get your data at work

CONNX will help you to synchronize and replicate your data wherever it is needed—real time and in near real time. Whether you want to replicate to analytical systems (such as data warehouse, business intelligence, big data or cloud) or to an application—CONNX is your platform of choice. And by integrating CONNX with a wide variety of Software AG solutions, your business can drive innovation from app to edge—faster than ever imagined. So go ahead and move trusted applications to the cloud. API-enable your apps. And ensure a fluid flow of data so that your business can make living connections that matter.

ABOUT SOFTWARE AG

Software AG began its journey in 1969, the year that technology helped put a man on the moon and the software industry was born. Today our infrastructure software makes a world of living connections possible. Every day, millions of lives around the world are connected by our technologies. A fluid flow of data fuels hybrid integration and the Industrial Internet of Things. By connecting applications on the ground and in cloud, businesses, governments and humanity can instantly see opportunities, make decisions and act immediately. Software AG connects the world to keep it living and thriving. For more information, visit www.softwareag.com.

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