DBPLUS™
better performance

DBPLUS Data Replicator™

for Oracle®, Microsoft™ SQL Server® and PostgreSQL

Reliable data replication in real-time without additional load on the source database

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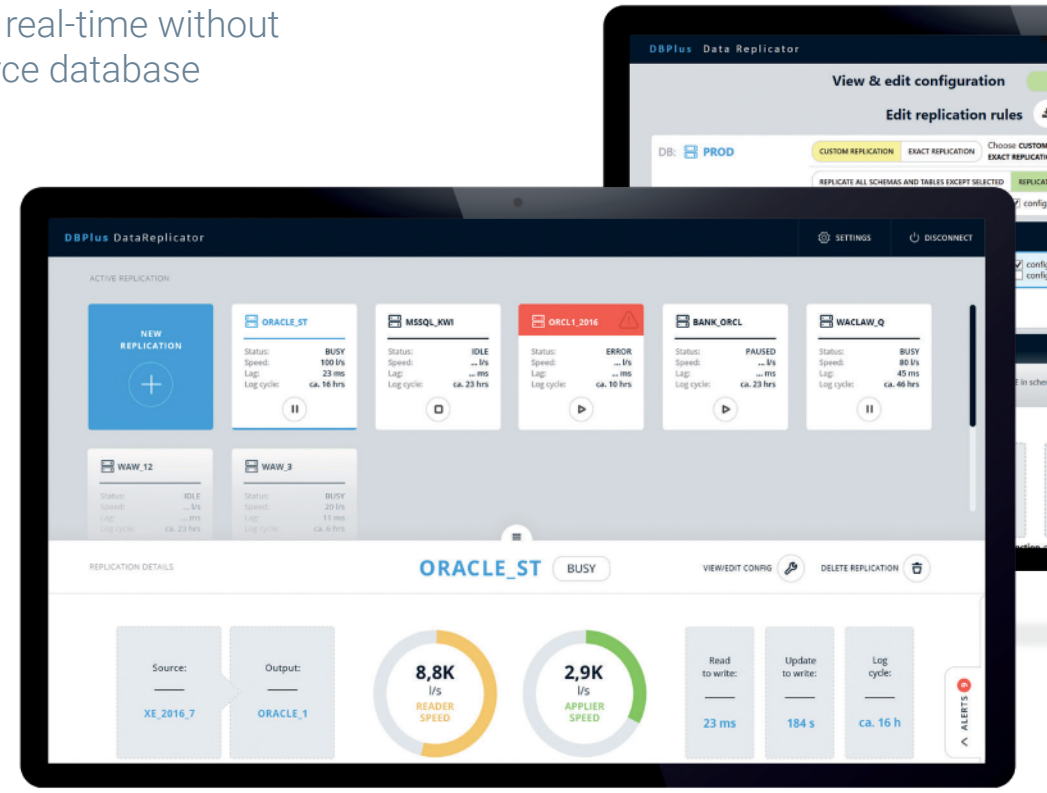


Sharing data between different databases and applications can be very complex and have a negative impact on system performance, and thus on the financial results of the company. In addition, if you cannot analyze the minute-to-date data located in different systems you lose the business opportunities offered today by advanced Business Intelligence (BI).

DBPLUS Data Replicator™

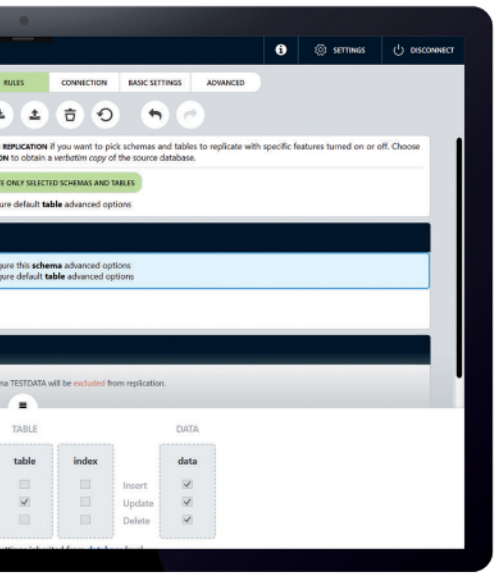
DBPLUS Data Replicator™ is versatile and reliable software for data replication from Oracle® and Microsoft™ SQL Server® databases to Oracle®, Microsoft™ SQL Server® and PostgreSQL. It gives real-time access to copies of production data with zero impact on the availability and performance of the systems which are the source of the data.

Database migrations and upgrades

By using real-time replication, migration or upgrading the version of the database can become much faster and much more secure. Firstly, this process allows you to migrate with virtually no downtime, because at some point the application can be very quickly switched to a new database which already contains the current data. Very often when designing this type of operation, there is a plan to return to the previous database if you encounter problems. Unfortunately, these plans usually cover no more than the first few minutes of work on the application, but when the new database includes several hours of data, a return to work on the old database is not possible. The solution to this problem is to replicate the real-time data entered into the new database to the old database as well. If you encounter problems with the new database, switching the application to the old database can be done in a matter of seconds in a manner transparent to the user.

Real-time reporting

Replication of data in real time between transaction systems and reporting platforms allows you to create reports based on the most current data without any additional load for transactional systems, which are data sources. This allows you to solve the dilemma that either you are working on outdated data (loaded to the reporting system previously, e.g. the night before), or trying to run reports directly on the



Data consolidation from multiple systems

With real-time replication, you can easily consolidate data from multiple systems into a single database – e.g. a data warehouse. Reports can be created based on the current data flowing from multiple systems in the company in real time, which allows for advanced Business Intelligence analysis.

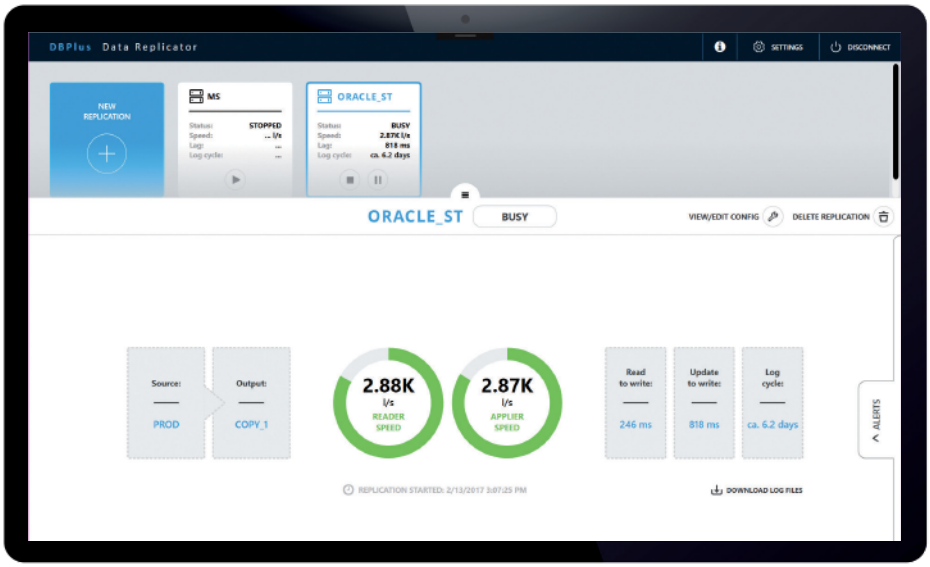
Uploading data into distributed systems

Another application is the uploading of data from the central transaction system into distributed systems in the company. Without the additional load on the source system, users in remote locations can work on a copy of the production data in real time.

transactional systems, which has a direct negative impact on their performance.

Application integration and interfaces

For the efficient operation of multiple applications in a company it is necessary to have an effective data exchange between them. Very often, solutions for the integration of multiple applications in a company (such as a data bus) are extremely resource-hungry. A very good solution to the problem of system integration turns out to be replication of data in real time between them, which is much less resource-intensive than other methods.



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Key features

Easy to set up and use

Minimum impact on the load of the source database

Support for Oracle® and Microsoft™ SQL Server - both Standard Edition and Enterprise Edition

Ability to replicate the entire database or selected tables

Very high precision of operation ensures data integrity

Allows reduction of the load on the production database thanks to the possibility of transferring reporting to dedicated systems

User support at the highest level

Extremely cost-effective solution, price levels unmatchable by competitors

Ability to replicate from Oracle® and Microsoft™ SQL Server databases to databases in other technologies, including open source PostgreSQL

Technical specification

Replicates Oracle® databases in version 10.2 (or above) and Microsoft SQL Server 2012 (or above) Enterprise Edition, MS SQL 2016 (or above) Standard Edition.

DBPLUS Data Replicator™ works on Microsoft™ Windows® Server® 2008, 2012 or 2016 or Windows® 7/8/10 with .NET® 4.0 Framework

Possible ways of replication:
Oracle® to Oracle®,
Oracle® to Microsoft™ SQL Server®
Oracle® to PostgreSQL
Microsoft™ SQL Server® to Oracle®,
Microsoft™ SQL Server® to Microsoft™ SQL Server®
Microsoft™ SQL Server® to PostgreSQL

Requirements:
Minimum 16 GB RAM
Minimum 100 GB SSD

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