







# Cross-Database Solutions – version 7.0

## Product Features Comparison map




### Database connectivity

	 <b>Comparator Lite</b>	 <b>Comparator Pro</b>	 <b>Studio</b>
Database Connection – Add/Delete	✓	✓	✓
Database Connection properties	✓	✓	✓
Post Connection operations	✓	✓	✓
Database Connection Settings – Save/Load/Copy	✓	✓	✓
Database Schema mode – user schema	✓	✓	✓
Database Schema mode – all DB schemas	✓	✓	✓
Database Schema mode – custom schema	✓	✓	✓
Additional DBBalance connection environment	✓	✓	✓
Import Database Connection across workspaces	✓	✓	✓
Create Database Connection instructive wizard	✓	✓	✓
Database Connection based on ODBC connect string	✓	✓	✓
Database Connection based on ODBC DSN	✓	✓	✓
ODBC connect string builder	✓	✓	✓
Connection string Encryption	✓	✓	✓
Automatic database type recognizer	✓	✓	✓
Date/Time formatting settings for “Insert” SQLs	✓	✓	✓
<b>NEW!</b> Boolean formatting settings for “Insert” SQLs	✓	✓	✓
<b>NEW!</b> Show/Hide connection	✓	✓	✓
Schema list settings	✓	✓	✓




## Data and Structure access and standard manipulations

	 <b>Comparator Lite</b>	 <b>Comparator Pro</b>	 <b>Studio</b>
Database structure tree	✓	✓	✓
Viewing Table/View data	✓	✓	✓
Viewing Table/View structure	✓	✓	✓
<b>NEW!</b> Viewing SQL body of the View	✓	✓	✓
Viewing Indexes	✓	✓	✓
Viewing Primary Keys	✓	✓	✓
Viewing Foreign Keys	✓	✓	✓
<b>NEW!</b> Table dependencies tree	✓	✓	✓
Viewing Stored Procedures	✓	✓	✓
SQL editor	✓	✓	✓
Insert/Delete record	✓	✓	✓
Delete All table records	✓	✓	✓
Drop table	✓	✓	✓
Rename table	✓	✓	✓
Create new table		✓	✓
<b>NEW!</b> Drag & Drop Tables/View/Virtual Tables/Stored Query/Stored Procedure for comparison	✓	✓	✓
<b>NEW!</b> Drag & Drop Tables/View/Virtual Tables/Stored Query/Stored Procedure for synchronization			✓
<b>NEW!</b> Drag & Drop Tables/View/Virtual Tables/Stored Query/Stored Procedure for migration			✓

## Database objects settings

	 <b>Comparator Lite</b>	 <b>Comparator Pro</b>	 <b>Studio</b>
Enable/Disable table/view	✓	✓	✓
Enable/Disable column	✓	✓	✓
Sort columns by position	✓	✓	✓
Sort columns by name	✓	✓	✓
Order by column	✓	✓	✓
Database object settings – Save/Load/Copy/Paste	✓	✓	✓
Set-up database vendor SQL specifications		✓	✓
Filter – create/modify/delete		✓	✓
Filter – used in comparison		✓	✓
Filter – used in manual synchronization		✓	✓
Filter – used in batch synchronization		✓	✓
Filter – used in migration		✓	✓
Filter – import across Database Connections		✓	✓

## Internal DBBalance Database Connection objects

	 <b>Comparator Lite</b>	 <b>Comparator Pro</b>	 <b>Studio</b>
Virtual table – create/modify/delete		✓	✓
Virtual tables – used in comparison		✓	✓
Virtual table – used in manual synchronization		✓	✓
Virtual table – used in batch synchronization			✓
Virtual table – used in migration			✓
Virtual table – import across Database Connections		✓	✓
Stored query – create/modify/delete		✓	✓
Stored query – used in comparison		✓	✓
Stored query – used in manual synchronization		✓	✓
Stored query – used in batch synchronization			✓
Stored query – used in migration			✓
Stored query – import across Database Connections		✓	✓



## Comparison

	 <b>Comparator Lite</b>	 <b>Comparator Pro</b>	 <b>Studio</b>
Set-up Comparison options	✓	✓	✓
Compare table/view column properties	✓	✓	✓
Compare table/view full structure	✓	✓	✓
Compare table/view data	✓	✓	✓
Compare indexes	✓	✓	✓
Compare primary keys	✓	✓	✓
Compare foreign keys	✓	✓	✓
Compare stored procedure (across different versions of databases of same vendor)	✓	✓	✓
Compare SQL query results	✓	✓	✓
Discrete cells comparison	✓	✓	✓
Batch comparison		✓	✓
Comparison – scheduling	✓	✓	✓
Comparison Strategy – create/save/load	✓	✓	✓
Comparison result – detailed interactive report	✓	✓	✓
Comparison result – view in HEX mode	✓	✓	✓
Comparison report – save as XML	✓	✓	✓
Comparison report – save as HTML	✓	✓	✓

## Synchronization

	 <b>Comparator Lite</b>	 <b>Comparator Pro</b>	 <b>Studio</b>
Set-up Synchronization options			✓
Synchronize table/view data			✓
Synchronize table/view data – manually, per record, using comparison differences screen		✓	✓
Synchronize table/view data – manually, per cell, mixed directions		✓	✓
Synchronize table/view full structure			✓
Synchronize table/view full structure – manually, per object, using comparison differences screen		✓	✓
Synchronize indexes			✓
Synchronize indexes – manually, per object, using comparison differences screen		✓	✓
Synchronize primary keys			✓
Synchronize primary keys – manually, per object, using comparison differences screen		✓	✓
Synchronize foreign keys			✓
Synchronize foreign keys – manually, per object, using comparison differences screen		✓	✓
Synchronize stored procedures (across different versions of databases of same vendor)			✓
Synchronize stored procedures (across different versions of databases of same vendor) – manually, per object, using comparison differences screen		✓	✓
Batch synchronization			✓
<b>NEW!</b> Automatic sorting of table pairs before synchronizing depending on their relation with other schema's tables			✓
Preview SQL before synchronization		✓	✓
Synchronization strategy – create/save/load			✓
Synchronization – scheduling			✓
Report of synchronization result summary			✓
Synchronize IDENTITY columns (SQL Server only) – using automatic OFF/ON inserting data		✓	✓




## Migration

	 <b>Comparator Lite</b>	 <b>Comparator Pro</b>	 <b>Studio</b>
Set-up Migration options			✓
Migrate table/view structure			✓
Migrate table/view data			✓
Migrate table/view structure and data			✓
Migrate primary keys as a part of structure migration			✓
Migrate foreign keys as a part of structure migration			✓
Migrate indexes as a part of structure migration			✓
Migrate stored procedures (across different versions of databases of same vendor)			✓
Batch Migration			✓
<b>NEW!</b> Automatic sorting of pairs tables before migration depending on their relation with other schema's tables			✓
Migration Strategy – create/save/load			✓
Preview/Change table structure during migration			✓
Report of migration result summary			✓
Multi-transaction mode			✓
Migrate IDENTITY fields (SQL Server only) – using automatic OFF/ON inserting data			✓

## Conversion

	 <b>Comparator Lite</b>	 <b>Comparator Pro</b>	 <b>Studio</b>
Predefined set of across-databases conversion rules	✓	✓	✓
Set-up conversion options and rules	✓	✓	✓
Convert data types during comparison	✓	✓	✓
Convert data types during migration			✓




## SQL Script

	 <b>Comparator Lite</b>	 <b>Comparator Pro</b>	 <b>Studio</b>
Table structure – to SQL script	✓	✓	✓
Primary keys – to SQL script	✓	✓	✓
Foreign keys – to SQL script	✓	✓	✓
Indexes – to SQL script	✓	✓	✓
Full table structure – to SQL script	✓	✓	✓
Group of tables – to SQL script	✓	✓	✓
Convert SQL script syntax to other Database vendor native SQL	✓	✓	✓
<b>NEW!</b> Batch execution of SQL scripts		✓	✓
<b>NEW!</b> Support CRLF in SQL expressions	✓	✓	✓
<b>NEW!</b> Support of the comments in SQL expressions	✓	✓	✓

## Export/Import Data

	 <b>Comparator Lite</b>	 <b>Comparator Pro</b>	 <b>Studio</b>
Export data – txt file (ASCII / UNICODE)		✓	✓
Export data – XML file		✓	✓
Export data – binary file		✓	✓
Export/Import data – DDL txt file		✓	✓
Export/Import data – DDL binary file		✓	✓

## **NEW! Command Line (execute Job by command line)**

	 <b>Comparator Lite</b>	 <b>Comparator Pro</b>	 <b>Studio</b>
<b>NEW!</b> Batch execution of SQL scripts		✓	✓