

Replicator for MS Dynamics NAV

Version 4.30

Transfer data between two or more MS Dynamics NAV servers or databases

What is Replicator?

The Replicator for MS Dynamics NAV integration solution enables you to transfer data (for example, customer or order entries) between two or more MS Dynamics NAV databases, whether the databases are placed locally or running on servers. For example, you can transfer data between a head-quarter and departments, a headquarter and salesmen using laptops and between the headquarter main server and a backup server. Replicator is a flexible solution that you can tailor to your replication needs and data is replicated in a safe and secure manner.

Why choose the Replicator?

By using Replicator for MS Dynamics NAV you can setup and maintain distributed MS Dynamics NAV databases.

As a Server Replication Solution

- with local MS Dynamics NAV servers in each department or country

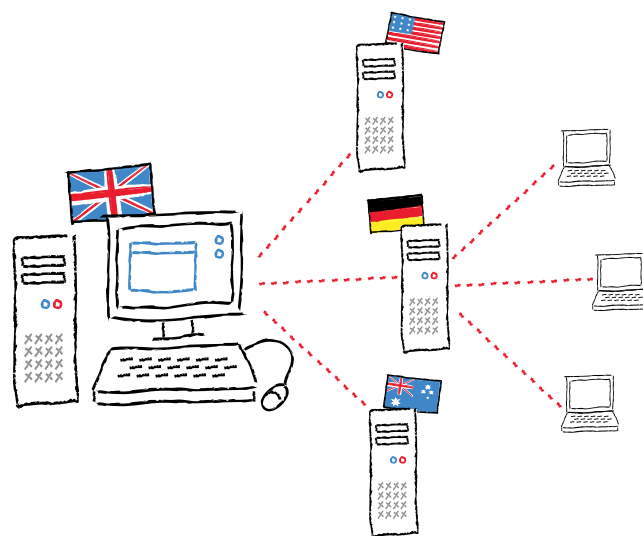
- ✓ You have better performance and up-time in each department or country
- ✓ No need for high bandwidth compared to a Citrix Solution
- ✓ You can have country specific versions of MS Dynamics NAV

As a Salesman Solution

- ✓ Each travelling salesman has his/her own local MS Dynamics NAV database on their laptop.
- ✓ They can work off-line and data can be replicated to/from the central database at regular intervals such as once a day.

As a Retail Solution

- ✓ Enables data exchange between the Head Quarter's MS Dynamics NAV database and every MS Dynamics NAV database of each store
- ✓ In each store you have optimal performance and you can continue working even though the connection is down
- ✓ Data like products, pricing and campaigns can be managed centrally and transaction statistics from each store can be collected centrally.



Setting up Replications

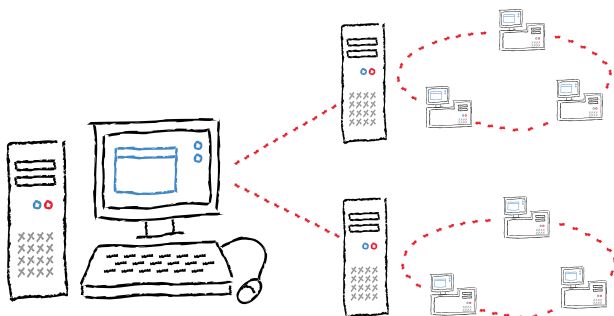
Each replication is set up in the Specification card. You always set up each Specification with a number, a source database, a destination database, the table numbers to transfer between and whether records should be updated, added and/or deleted in the destination database.

With these settings you can run simple transfers where all records are replicated.

Using the different features that are available in the Replicator, you can customize your specifications to your specific needs - like using the 'Source Counter' or 'Changes Only' facility to ensure data transfer of only changed or added records since last time the transfer was run.

“ The Replicator is the perfect solution for us as it provides data exchange between 182 stores and the head quarter in an easy, efficient and secure way.

Lars Ruben Hansen, IT Executive at Rema1000



Pricing

Prices depend on the actual configuration. Please call for a price quote on a configuration that covers your exact needs.

BENEFITS

All in MS Dynamics NAV

Your MS Dynamics NAV main menu will be extended with a Set-up Application in which the Specifications of the fields and tables to be transferred are specified.

Set up Automatic Transfers

Replicator includes a built-in scheduler where you can set up automatic transfers. The Scheduler can be run as a Windows Service.

Reduce the Total Transfer Time

The Replicator Server facility reduces the total transfer time significantly when using mobile or internet connections. Data is packed and compressed before transfer.

Distribute NAV Objects

With Replicator you can also transfer design objects (codeunits, tables, forms etc.) between MS Dynamics NAV databases.

Handling Deletion

The 'Action table' is a command table in which you can have Replicator execute specific tasks in the destination database like e.g. deleting order 1014, deleting customer 20000 etc. You need to add code to NAV to update this table each time e.g. a record is deleted.

Solve complex replication scenarios

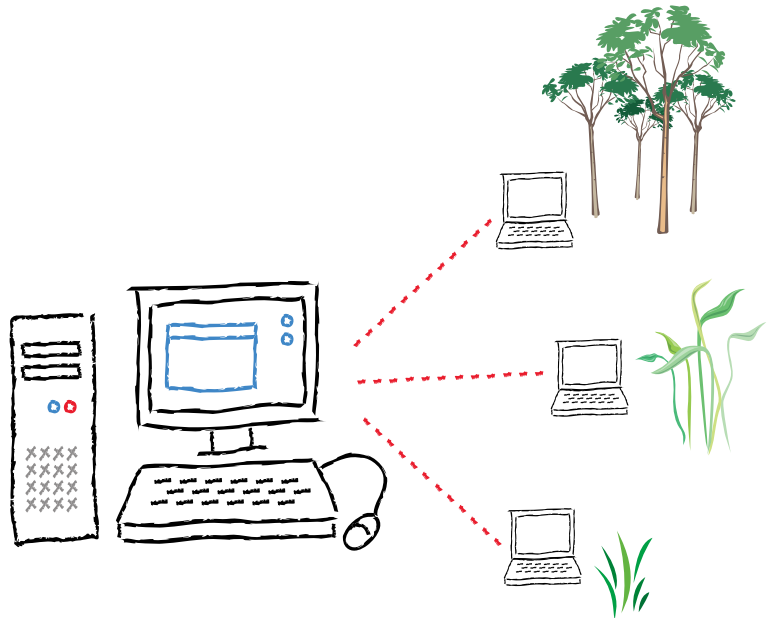
The 'ToDo table' facility is useful if you need to make special transfers between two databases. It enables you to program the replication logic into a codeunit, thereby making any complex replication scenario possible.

Transaction Consistency & Integrity

To ensure the best possible security in your replications the C/ Front Module is used to access the databases. Transaction control (Commit/Rollback) is used to ensure data integrity.

Proven & Powerful Technology

Many Customers are using the Replicator and have benefited from the proven and powerful technology it is based on.



FLEXIBILITY

You can make your replications even more flexible by extending the Specifications with options such as:

Field List

Replicate only specific fields in a table

Filters

Replicate data corresponding to filters defined

Table-Linking

Replicate between tables that have different primary keys

Sub-Specifications

Transfer e.g. sales header and corresponding sales lines in one transaction

Distribute Changes to other Databases

Using the 'Star Replication' feature enables you to distribute changes made in one database to all other databases that replicate with the central database. For example, changes made by department 1 is forwarded to department 2 via the headquarter.

Reduce the number of Specifications

The 'Tags (variables)' feature enables you to reduce the number of Specifications needed. For example, when replicating the same table to several salesmen you can create a shared Specification.

Transfer only changed or new Records (SQL based)

When MS Dynamics NAV is running based on a SQL database the 'Changes Only' feature can detect and transfer only the changed or new records based on the timestamp in the SQL tables.

Transfer only changed or new Records (native database)

You can use the 'Source Counter' facility to ensure that only changed or new records are transferred each time. You have to implement the Source Counter Code (provided) when using a native database.

SYSTEM REQUIREMENTS

- ✓ MS Dynamics NAV 2009, MS Dynamics NAV 5.0 & 5.0.1, MS Dynamics NAV 4.01, 4.02, 4.03, MBS-Navision 3.70 & 4.0
- Older Versions are also supported - please ask.

Both MS SQL Server and the Native database options are supported

- ✓ C/Front Module in License of MS Dynamics NAV
- ✓ Replicator Objects licensed in MS Dynamics NAV (see pricelist)
- ✓ Windows 2000, Windows XP Professional, Windows Vista Business, Windows 7, Windows Server 2003 or Windows Server 2008 (on laptops Windows XP Professional or Windows 7 Professional is recommended).