

REPLICATOR

FOR MICROSOFT DYNAMICS NAV[®]

VERSION 4.22

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

WHAT IS REPLICATOR?

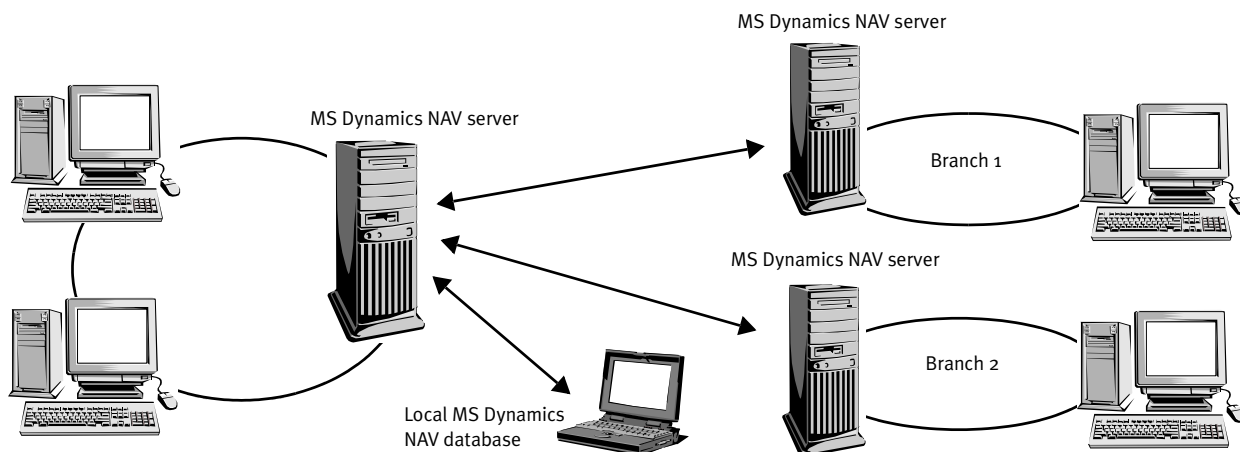
Replicator for MS Dynamics NAV is a program that enables you to transfer data (for example, customer or order entries) between two Navision databases, whether the databases are placed locally or running on servers. For example, you can transfer data between a headquarter and departments, a headquarter and salesmen using laptops and between the headquarter main server and a backup server.

Replicator is a flexible program that you can tailor according to your replication needs and data is replicated in a safe and secure manner.

BENEFITS

- **All in Navision:** Your MS Dynamics NAV main menu will be extended with a Setup Application in which the Specifications of the fields and tables to be transferred are specified.
- **Backup Server:** Using the Backup Server facility you can backup your Navision database in virtually real time. Please request our separate brochure on this facility.

- **Scheduler:** Replicator includes a built-in scheduler where you can set up automatic transfers. You can even have MS Dynamics NAV Codeunits run automatically. The Scheduler can be run as a Windows Service.
- **Replicator Server:** The Replicator Server facility reduces the total transfer time significantly when using mobile phones or internet. Data is packed and compressed before transfer. The Replicator Server can be run as a Windows Service.
- **Design Objects:** With Replicator you can also transfer design objects (codeunits, tables, forms etc.) between MS Dynamics NAV databases.
- **Security:** To ensure the best possible security in your replications the C-Toolkit or C/Front is used to access the databases and the Navision feature Commit/Roll-back is used to ensure that either all data is replicated or none at all. In addition, Replicator contains the Activity Register in which you can see the replication status.



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.

If you implement the Source Counter facility to a given source table, you can restrict replication to include changed records only.

If the Source database is MS Dynamics NAV on SQL Server or MS Dynamics NAV on MSDE (the SQL single user database) you can make use of the facility Changes Only (from SQL). When using this facility you do not have to implement the Source Counter facility.

FLEXIBILITY

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

- Field List: Replicate only specific fields.
- Filters: Replicate data corresponding to filters defined.
- Table-Linking: Replicate between tables that have different primary keys.
- Sub-Specifications: Add sub-specifications handling for example order lines to the specification.

By choosing List, you can view all the Specifications created and in Register you can see the replication status for the selected Specification.

You also have the following options:

- Star Replication: Have Replicator 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.
- Tags (variables): You can decrease the number of Specifications needed. For example, by replicating the same table to several salesmen you can create a shared Specification.

ACTION AND TODO TABLES

The Action table is a command table in which you can have Replicator execute specific tasks in the destination database. For example, update customer 10000, delete customer 20000 or add customer 30000. 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.

REASONS FOR CHOOSING REPLICATOR

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

With local MS Dynamics NAV servers in each branch:

- ✓ You have better performance and up-time in each branch simultaneously.
- ✓ You reduce the line costs considerably compared to on-line solutions.

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.

PRICES

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

SYSTEM REQUIREMENTS

Replicator for MS Dynamics NAV requires:

- ✓ Windows 2000, Windows XP Professional, Windows Vista Business or Windows Server 2003 (on laptops Windows XP or Windows Vista is recommended).
- ✓ Navision Financials 2.0, 2.50 or 2.60d
- ✓ Navision Attain 3.0, 3.10 and 3.60
- ✓ MBS-Navision 3.70 and 4.0 or
- ✓ MS Dynamics NAV 4.01, 4.02 4.03 and 5.0

Both MS-SQL Server and Native database option supported.

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