UNIT4
BUSINESS SOFTWARE



Manual

collector

Microsoft Dynamics NAV 4/5/2009/2013

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1. MICROSOFT DYNAMICS NAV 4/5/2009/2013

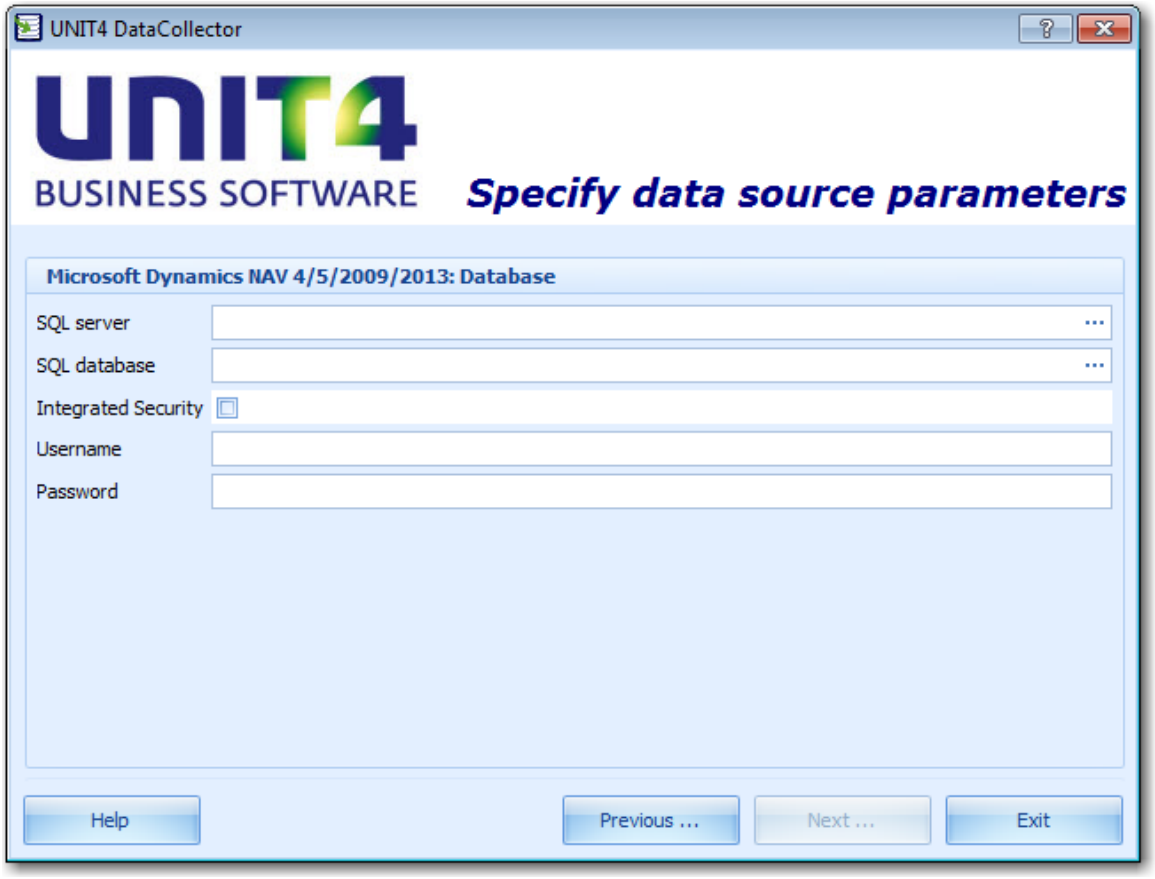
UNIT4 DataCollector is supplied with all the components required to establish a connection with the Microsoft Dynamics NAV system. The installation of Microsoft Dynamics NAV GUI software at the workstation is not required.

Before specifying the file location (refer to the "Specify the file location" section of the UNIT4 DataCollector manual), perform the following steps to export data from Microsoft Dynamics NAV:

- Specify the connection and login data.
- Select the company.
- Select the entities to be exported.
- Select the financial year, the periods and the dates.

1.1. Specify the connection and login data

In this step you enter the required data to establish a connection with the Microsoft Dynamics NAV system.



The following data must be available for the connection and to log in:

- Name of the Microsoft Dynamics NAV SQL database server.
- SQL database.
- User name.
- Password.

When the **Integrated Security** option is selected in the above window, UNIT4 DataCollector uses the user name and password entered when the user logged into the workstation. When the **Integrated Security** option has been disabled, you must enter a user name and password to access the SQL server.

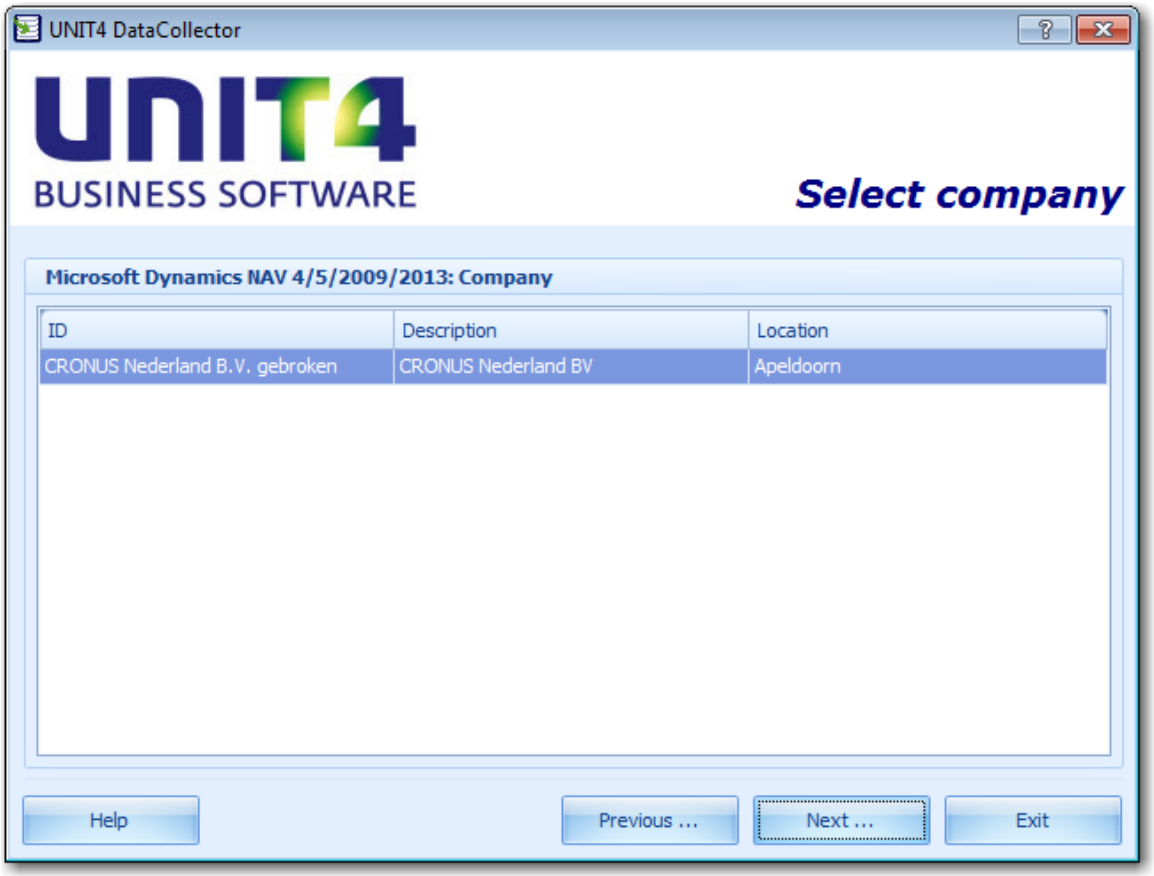
For a number of tables, the user must have at least SELECT rights to run a successful extraction (see "Minimal table SELECT rights" on page X).

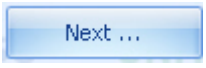
Click the 

button when you have entered the data.

1.2. Select the company

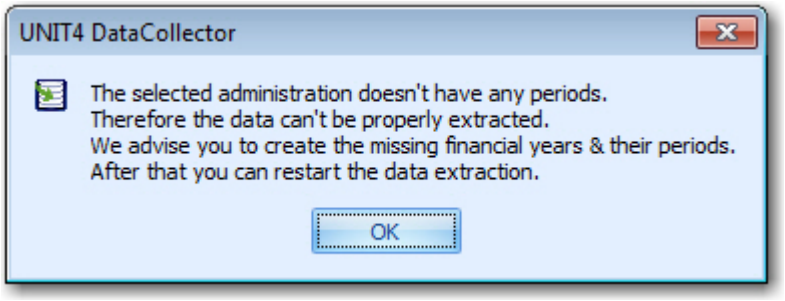
In this step you select the company from which the data is to be exported.



Next, click the 

button.

The selected company in Microsoft Dynamics NAV must have accounting periods, otherwise the following message is displayed:



Create the missing financial years and periods and restart the data extraction.

1.3. Select the entities to be exported

In this step you specify the entities to be exported.

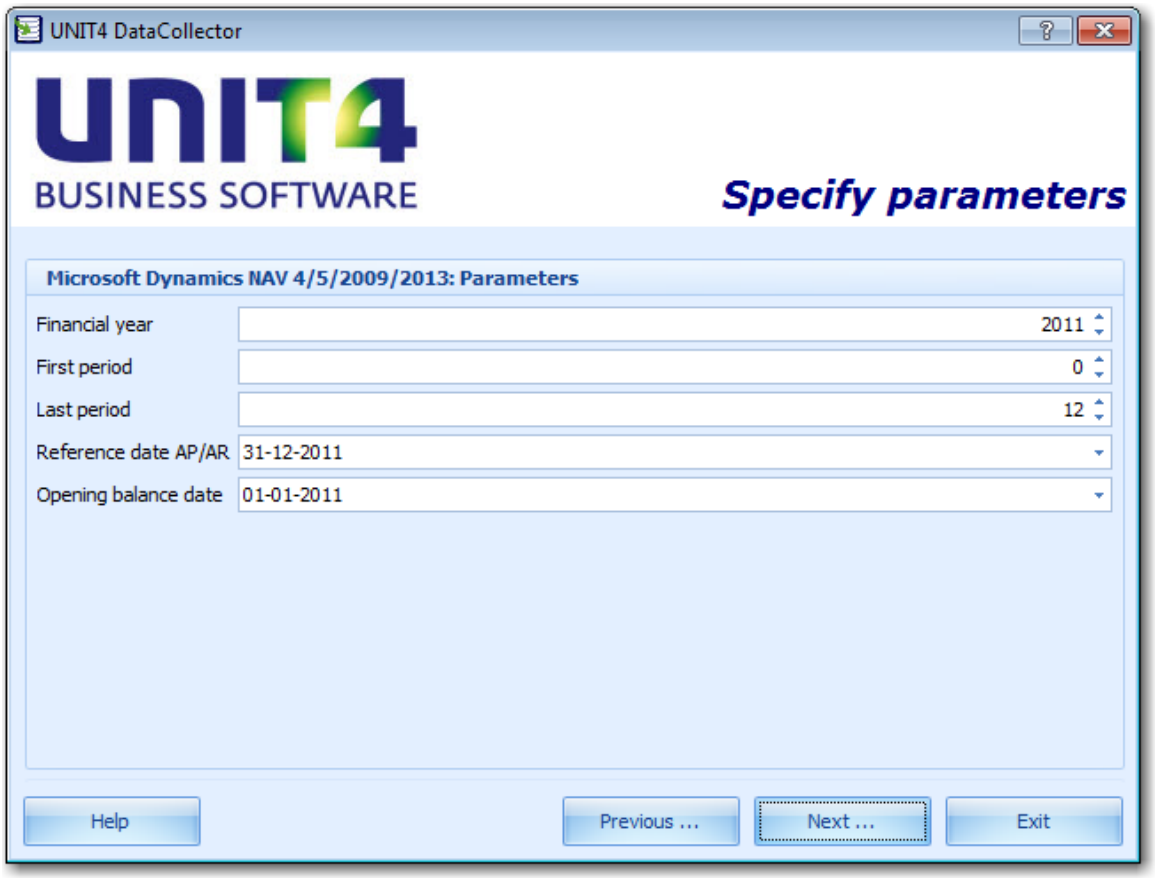


Click the Disable all entities button, to deselect the selection. You can only continue after having selected at least one entity. The Enable all entities button is now shown instead of the Disable all entities button. Click this button to select all the entities that can be exported.

Once you have completed the selection, click the Next ... button.

1.4. Select the financial year, the period and the dates

In this step you specify the financial year and periods from which the financial data is to be exported.

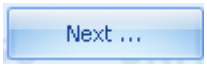


Select the following fields:

- **Financial year**: the financial year.
- **First period** and **Last period**: the range of periods (the opening balance is included by specifying period 0 as the **First period**).
- **Reference date AP/AR**: the reference date for the open accounts payable/accounts receivable.

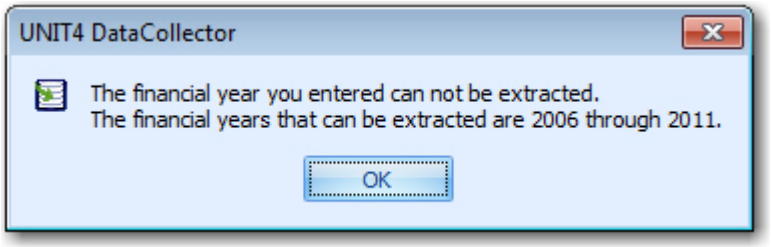
- **Opening balance date**: the opening balance date for the general ledger entries of period 0, which you have specified above as the **First period**.

Default only till period 1 is extracted. If you want the whole year extracted, simply change the financial year, then the depending fields **First period**, **Last period**, **Reference date AP/AR** and **Opening balance date** change to show the start, end dates and periods of the financial year in Microsoft Dynamics NAV.

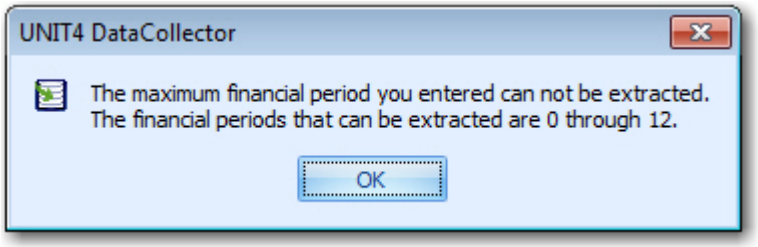
Click the 

button when you have specified the above fields.

Messages



The financial year, or the year after that does not exist in de accounting period in Microsoft Dynamics NAV. If you want to extract this year, please make sure both these years are present in Microsoft Dynamics NAV.



In the selected year only periods 0 through 12 are present in Microsoft Dynamics NAV, so only these periods can be extracted.

2. DIMENSIONS

Max eight dimensions are retrieved from the dimensions that can be defined in Microsoft Dynamics NAV. The dimension names in UNIT4 AccountAnalyser have been set by the application administrator of Microsoft Dynamics NAV. The not-translated dimension names are extracted.

3. POTENTIAL ISSUES

- It is possible to exchange databases between different systems of Microsoft Dynamics NAV. The table with the users belongs to the system and is not exchanged. For an exchanged (or demo) database user names are not always available.

- In case of Windows authentication to access Microsoft Dynamics NAV, no user names are available in Microsoft Dynamcis NAV. These missing company users are added by the consistency check at the end of the import in UNIT4 AccountAnalyser.

- Master data journals cannot be filled from Microsoft Dynamics NAV with the journal type and contra account for journal types Purchase and Sales and certain payment journals. Therefore you need to fill it in yourself as far as possible. This is necessary for certain reports in UNIT4 AccountAnalyser to function properly.

- If there is a tax code in Microsoft Dynamics NAV without a VAT Business Posting Group and VAT Product Posting Group, then this will become tax code "U4A" in UNIT4 AccountAnalyser.

- All the bookings for customers and vendors with different document types in Microsoft Dynamics NAV are extracted to debtor entries and creditor entries in UNIT4 AccountAnalyser as invoices, payments and unknown. The document number in Microsoft Dynamics NAV of these entries become the invoice number in UNIT4 AccountAnalyser. Because these documents all have there own document number, UNIT4 AccountAnalyser cannot detect which document payment applies to which invoice entry.

4. MINIMAL TABLE SELECT RIGHTS

The UNIT4 DataCollector needs to connect to the database with a user and password. You can create this user with minimal SELECT rights on that database on the following tables:

[ndodbproperty]
[<Company name>$Accounting Period]
[<Company name>$Bank Account Posting Group]
[<Company name>$Company Information]
[<Company name>$Cust_ Ledger Entry]
[<Company name>$Customer]
[<Company name>$Customer Bank Account]
[<Company name>$Detailed Cust_ Ledg_ Entry]
[<Company name>$Detailed Vendor Ledg_ Entry]
[<Company name>$Dimension]
[<Company name>$Dimension Value]
[<Company name>$Gen_ Journal Template]
[<Company name>$General Ledger Setup]
[<Company name>$G_L Account]
[<Company name>$G_L Entry]
[<Company name>$G_L Register]
[<Company name>$Ledger Entry Dimension]
[<Company name>$Source Code]
[<Company name>$VAT Entry]
[<Company name>$VAT Posting Setup]
[<Company name>$Vendor]
[<Company name>$Vendor Bank Account]
[<Company name>$Vendor Ledger Entry]
[Company]
[Member Of]
[Object]
[User]

Between <> you have to specify the name of the company, for example
[<UNIT4>$Accounting Period]