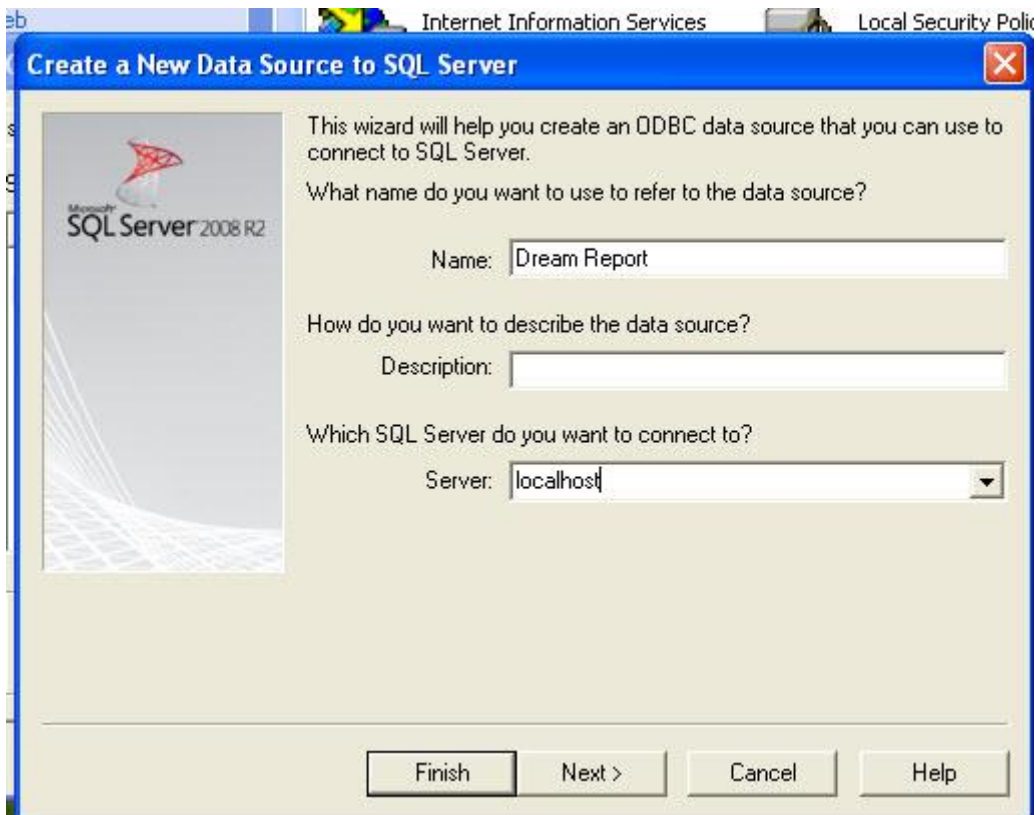
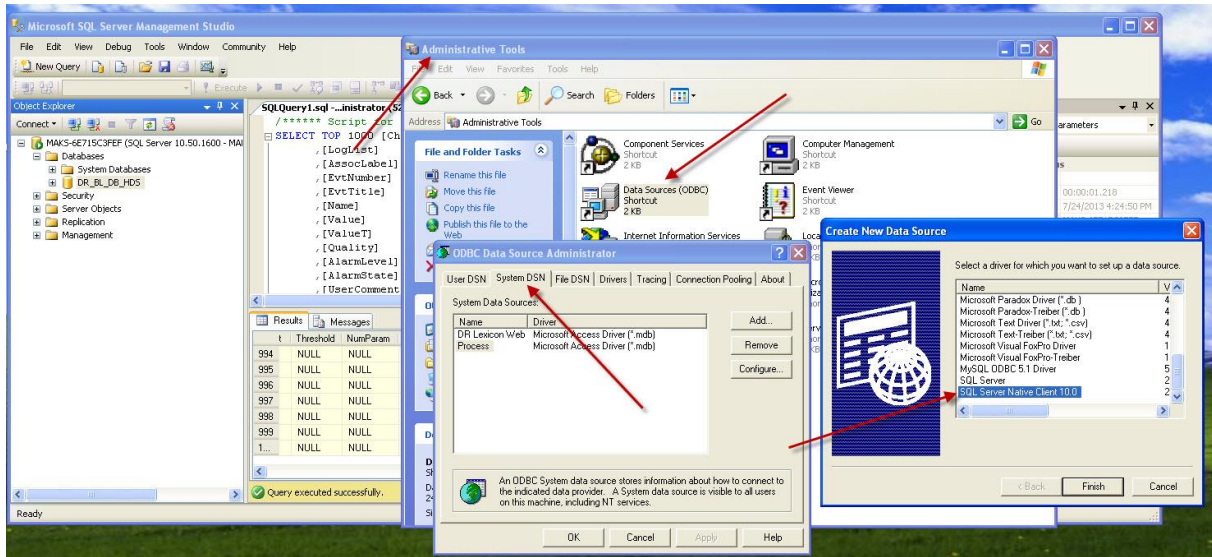


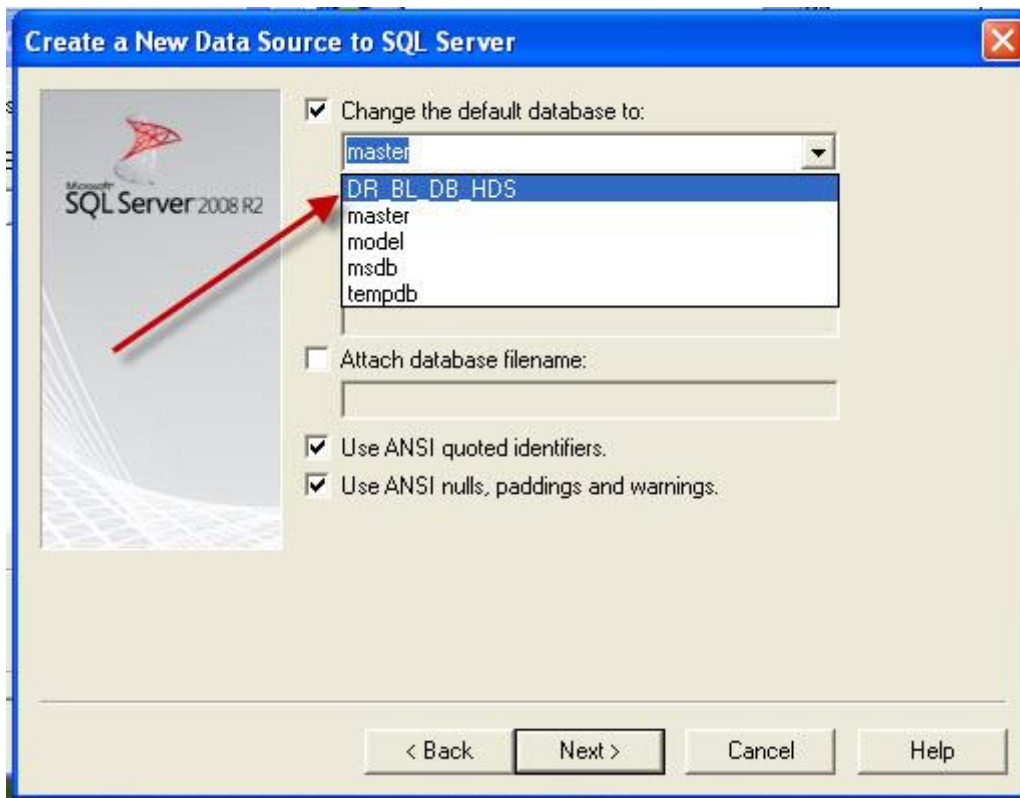
Historical Logs from PcVue into Dream Report via ODBC driver

The solution is using ODBC driver with a DSN connection to the PcVue database.

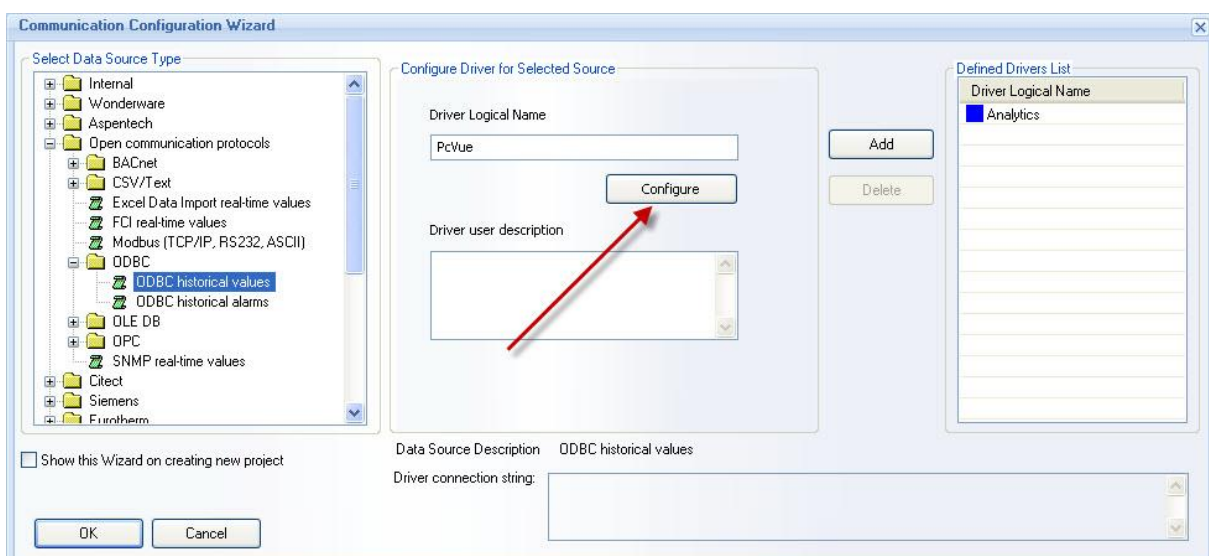
1. Create a System DSN pointing to the PcVue HDS database, using “SQL Native Client 11” in case of SQL Server 2012 and “SQL Native Client 10.0” in case of any previous version of SQL Server.

Please note that DR is a 32-bit application, so if your OS is 64-bit, you should create 32-bit DSN using C:\Windows\SysWOW64\odbcad32.exe





2. Define an ODBC driver in Dream Report and point it to the LOG table of HDS database
 - a. select newly created DSN from the drop-down list
 - b. set Any-DB structure of the database
 - c. click connect and get the list of tables
 - d. select a LOG table and click on its name
 - e. after LOG table is highlighted, you will get a list of columns of this table. Please select appropriate columns for tag names, values and timestamps (please refer to the screenshots ODBC1-5)



Database Definition

DSN File

User Name

Password

Select database type

Column-Item structure

Connect

Alarm History Data

Table Name For Alarm History

Table Field For Alarm ID

Table Field For Alarm Text

Table Field For Alarm Priority

Table Field For Start Time

Table Field For Ack Time

Table Field For End Time

Item History Data

Tables For Item History

Table Field For Item Names

Table Field For Item Values

Table Field For Date

Table Field For Time

Timestamp properties

Date format

Date only

Database uses UTC time format

Done Cancel

Database Definition

DSN File: Dream Report

User Name:

Password:

Select database type

- Column-Item structure
- Internal database
- Column-Item structure
- AnyDB structure
- InSQL structure
- PcVue HDS structure
- Aspen InfoPlus.21

Alarm History Data

Table Name For Alarm History

Table Field For Alarm ID

Table Field For Alarm Text

Table Field For Alarm Priority

Table Field For Start Time

Table Field For Ack Time

Table Field For End Time

Item History Data

Tables For Item History

Table Field For Item Names

Table Field For Item Values

Table Field For Date

Table Field For Time

Timestamp properties

Date format

Date only

Database uses UTC time format

Done Cancel

Database Definition

DSN File: Dream Report

User Name: []

Password: []

Select database type: AnyDB structure

Connected to the database successfully!

Connect

Alarm History Data

Table Name For Alarm History

- AICommonParameters
- all_columns
- all_objects
- all_parameters
- all_sql_modules
- all_views
- allocation_units
- assemblies
- assembly_files

Table Field For Alarm ID: []

Table Field For Alarm Text: []

Table Field For Alarm Priority: []

Table Field For Start Time: []

Table Field For Ack Time: []

Table Field For End Time: []

Item History Data

Tables For Item History

- key_constraints
- key_encryptions
- linked_logins
- login_token
- LOGTABLE1**
- master_files
- master_key_passwords
- message_type_xml_schema_collection
- messages

Table Field For Item Names: []

Table Field For Item Values: []

Table Field For Date: []

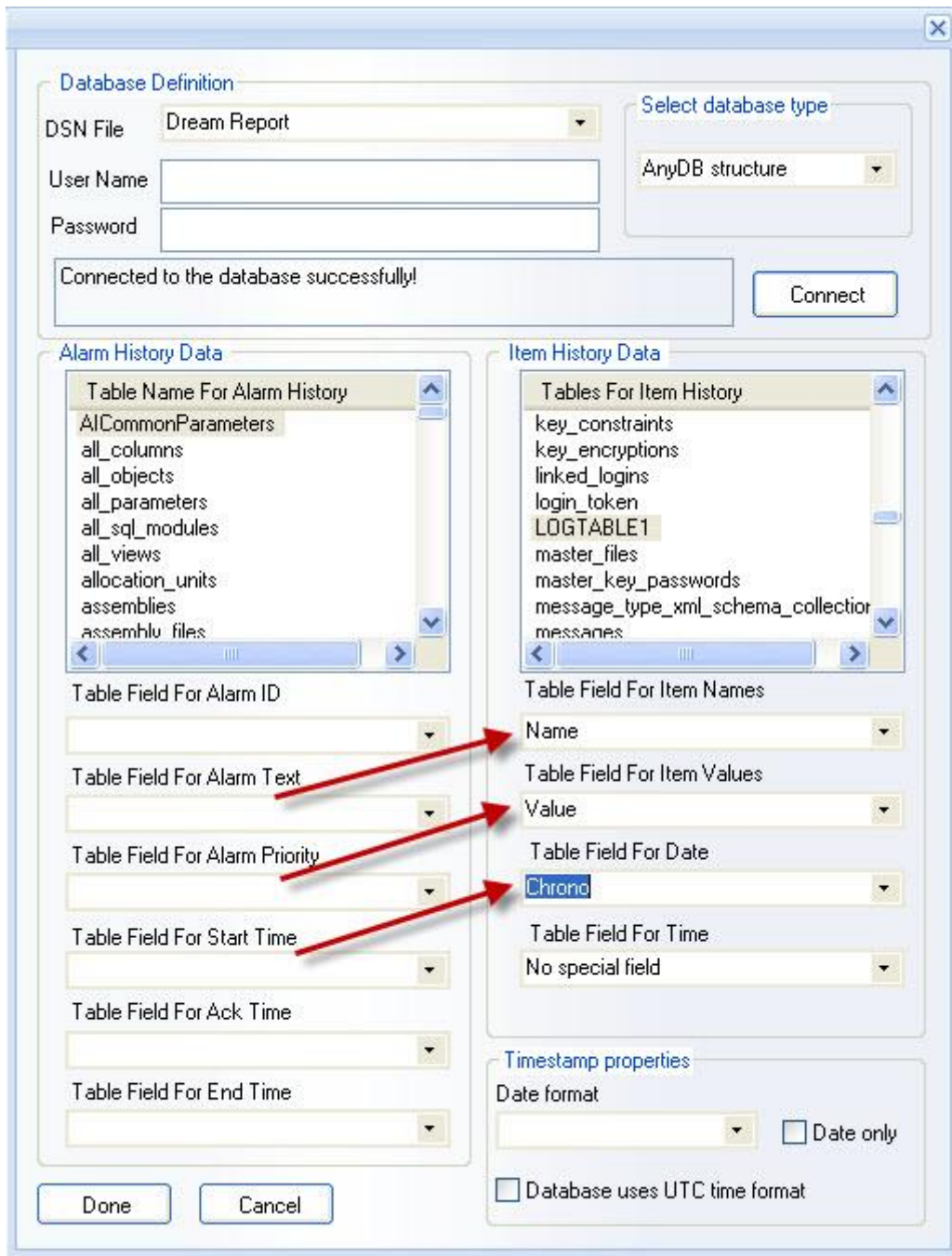
Table Field For Time: No special field

Timestamp properties

Date format: [] Date only

Database uses UTC time format

Done Cancel



3. Now you can use any reporting object to present data from the selected table (when you select the created ODBC data source, you get a browse of tags which values should be presented).