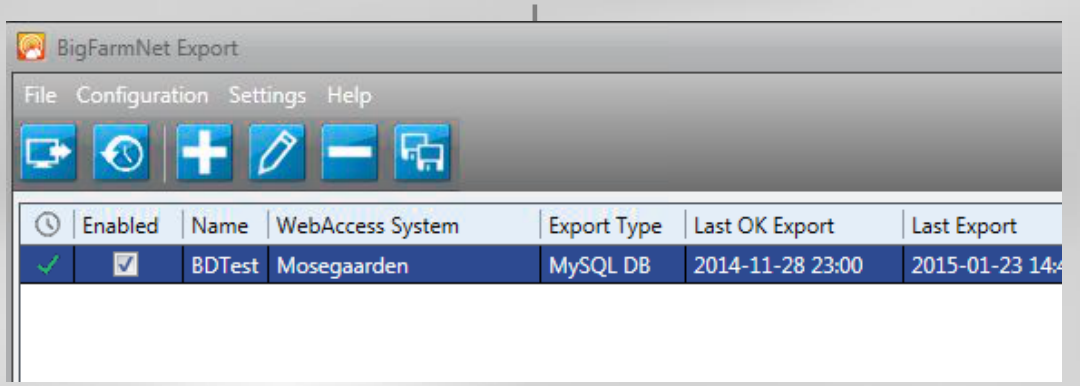
BigFarmNet Export

User Manual



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Big Dutchman

Program Version

The product described in this manual holds software. This manual corresponds to:

- Software version 3.1

It was released in 2015.

Product and Documentation Changes

Big Dutchman reserves the right to change this manual and the product described herein without further notice. In case of doubt, please contact Big Dutchman.

Date of change appears from the back page.

Note

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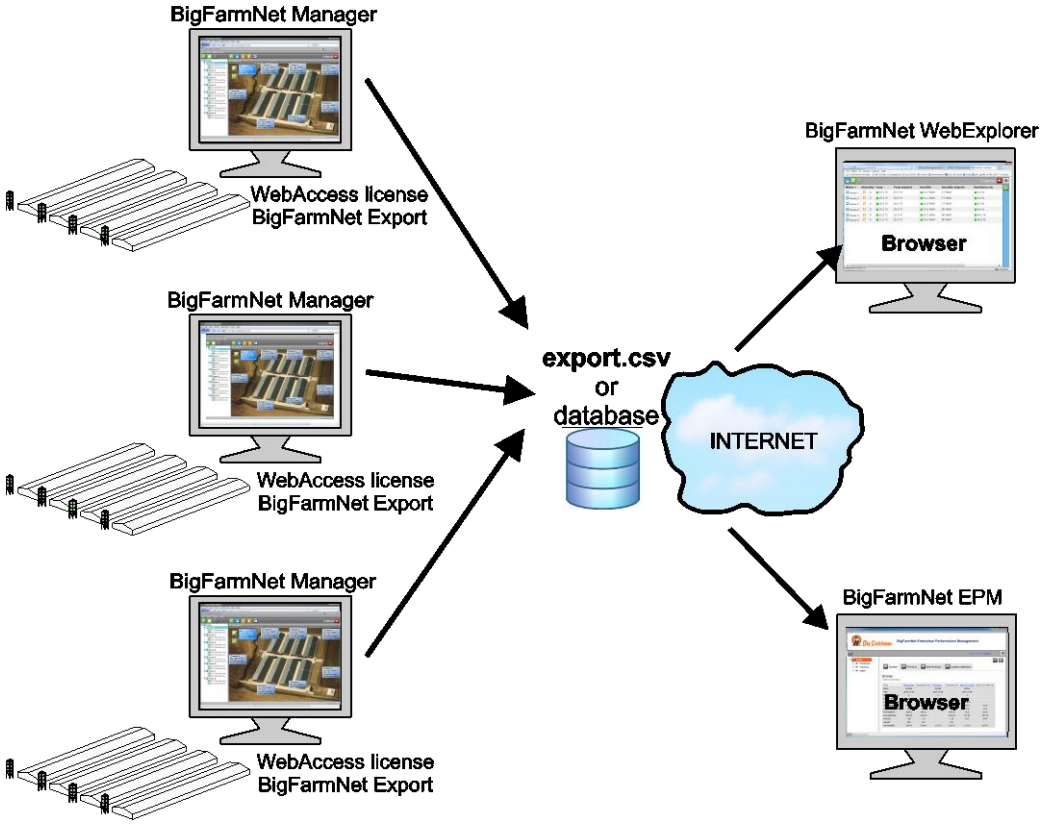
PRODUCT DESCRIBTION

BigFarmNet Export is a tool that is part of the BigFarmNet PC management system. It lets the user export data from their BigFarmNet systems into CSV files or databases. The data can be imported into BigFarmNet EPM (Enterprise Performance Management), Excel or be used in business systems.



BigFarmNet Export uses WebAccess to retrieve data from farms or enterprises. Therefore a WebAccess license is required for BigFarmNet Manager at each farm.

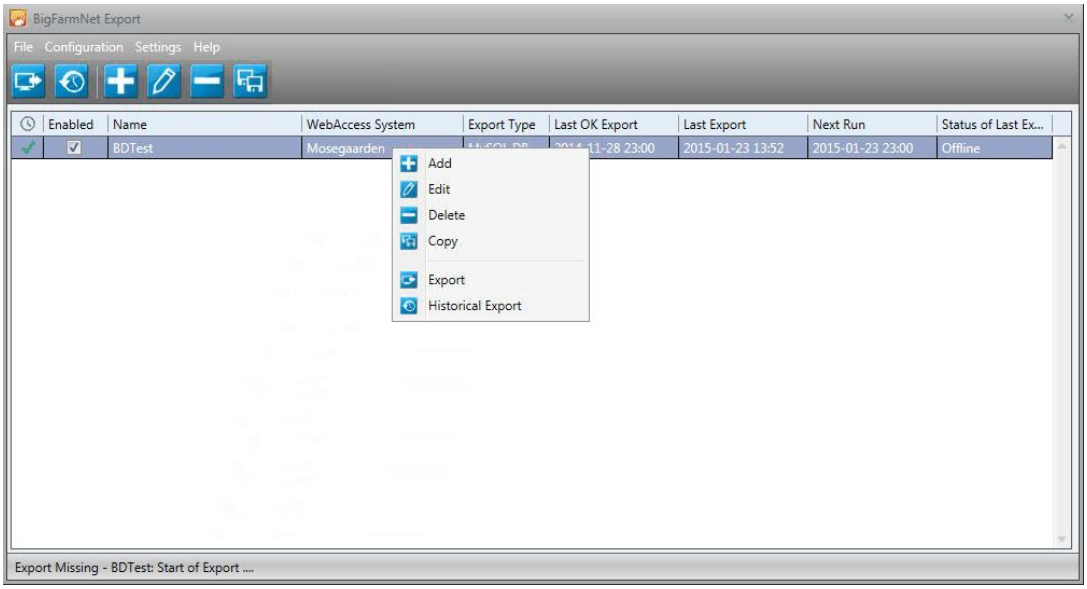
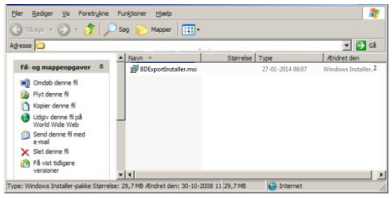


Figure 1: Example of BigFarmNet Export with a list of different WebAccess configurations

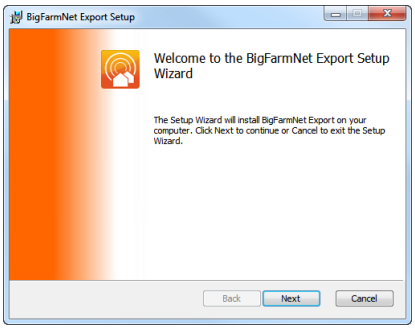
USER GUIDE

1 Installing BigFarmNet Export on a PC

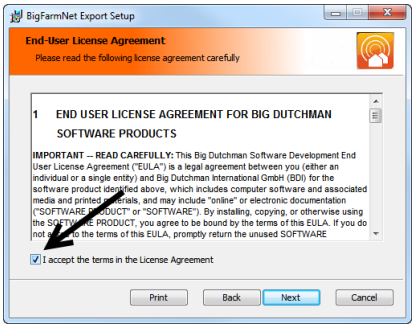
Install the program on all the PCs, from where you want to export data.



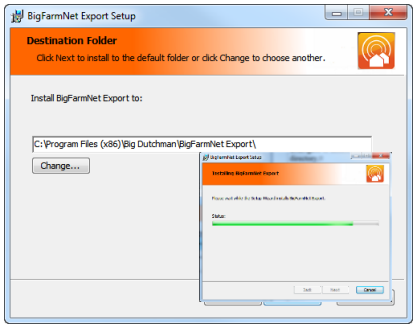
1) Install the BigFarmNet Export program on a PC by double cliking on Setup.exe.



2) Click **Next**.



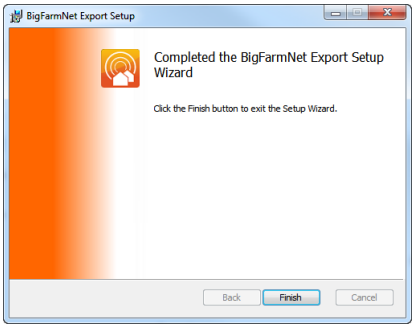
3) Read the licence agreement terms and click **I accept the terms…** and **Next** to accept them.



The installation file saves the program in the folder C:\Program Files\ Big Dutchman\BigFarmNet Export.

If you prefer a different file location, please click **Change** to access the new location in the directory.

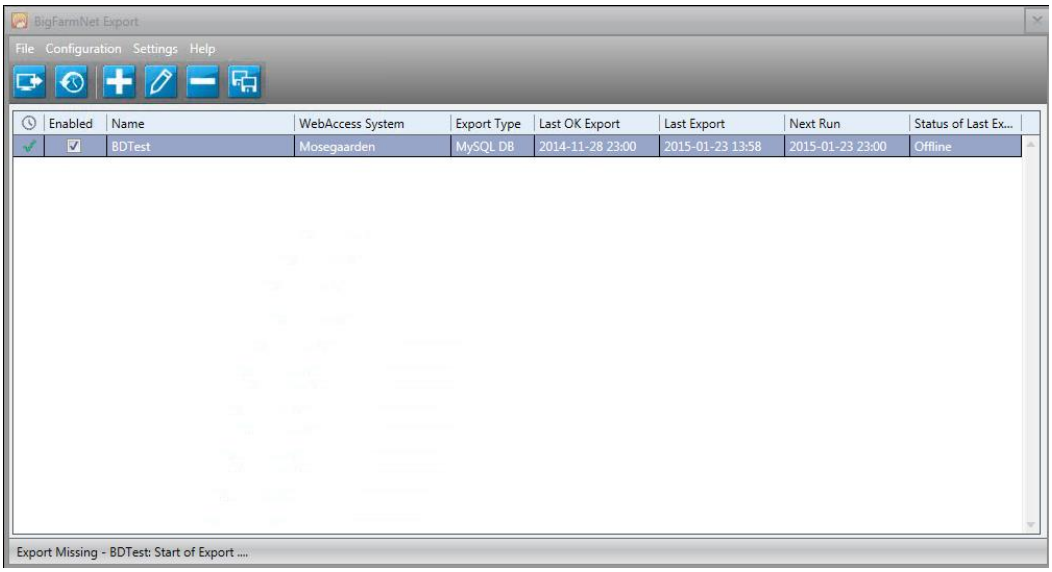
4) Click **Next**.



5) Click **Finish** when the installation is completed.

2 BigFarmNet Export User Interface

Open the BigFarmNet Export program.



In the BigFarmNet Export window the user can manage the data configurations, that are used for exporting data from the BigFarmNet system to other systems.

All configurations are listed with an indication of time and status for the exported data. The scheduled automatic export can be disabled by removing the marker from the checkbox.

Icon/Menu	Description
The Configuration menu – or right-click a configuration.	
Add	Add a new configuration.
Edit	Edit an existing configuration.
Delete	Remove an existing configuration.
Copy	Copy a configuration.
Export	Export data to a file. A file is saved to the path in the configuration or to a path selected by user.
Historical Export	Export of historical data for a selected interval.
Close	Close the BigFarmNet Export window and minimize in the taskbar tray. Automatic data export will still be carried out. To resize the BigFarmNet Export window, click the icon on the taskbar tray.
Exit	The File menu. Exit the BigFarmNet Export program. The data export is running as a Windows background service and will ensure that data are still exported according to the configurations made in BigFarmNet Export.
MySQL DB	The Settings menu. Parameters for connecting to the database.
SQL Server	The Settings menu. Parameters for connecting to the database.
Help	The Help menu. Open a document with links to program documentation.
About	The Help menu. Show company copy right information and BigFarmNet Export version number.

3 Setting up an Export Configuration

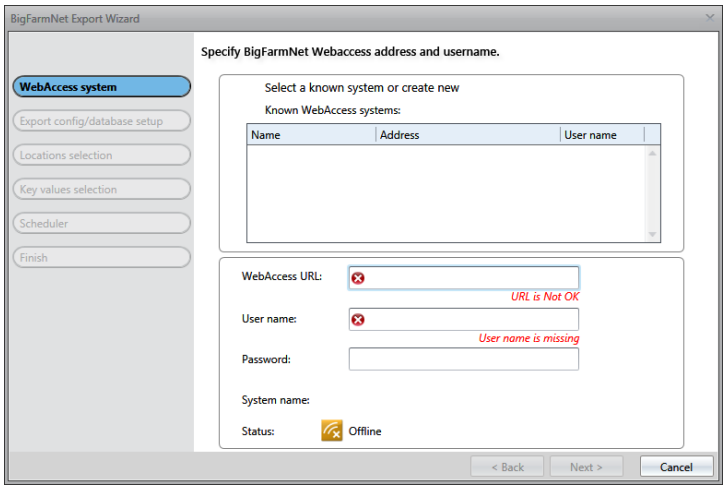
Click **Add** or **Edit** in the top tool bar.

This opens the BigFarmNet Export Wizard, that will guide you through the setup of the configuration.

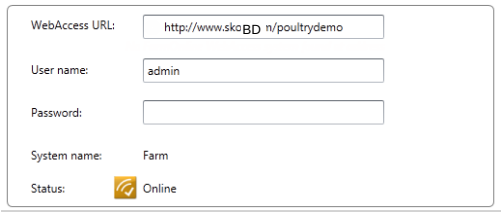
3.1 WebAccess Address

The first step in setting up a new configuration is selecting or typing an address of a running BigFarmNet system with WebAccess eanbled.

An address for a new WebAccess system must be entered manually. If the WebAccess system is already used for an existing configuration the system can be picked from a list of known systems.



3.1.1 New System - Manual Setup



Enter WebAccess URL, user name and password.

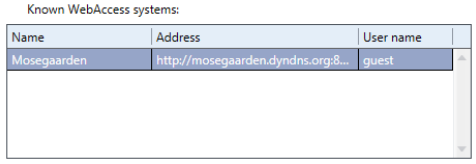
Standard user name: **guest**

The user name and password must correspond to a user profile in the BigFarmNet Manager User Management.

Status will change to **Online** when BigFarmNet Export has successfully connected to the WebAccess connection.

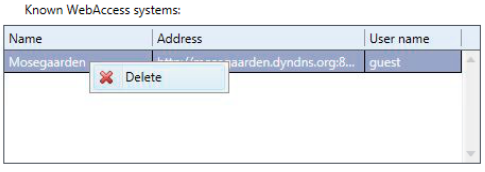
The configuration is saved to the list of known systems when **Next** is clicked.

3.1.2 Known System – Select Setup



Doubleclick on a known system to select it from the list and copy it to the manual setup.

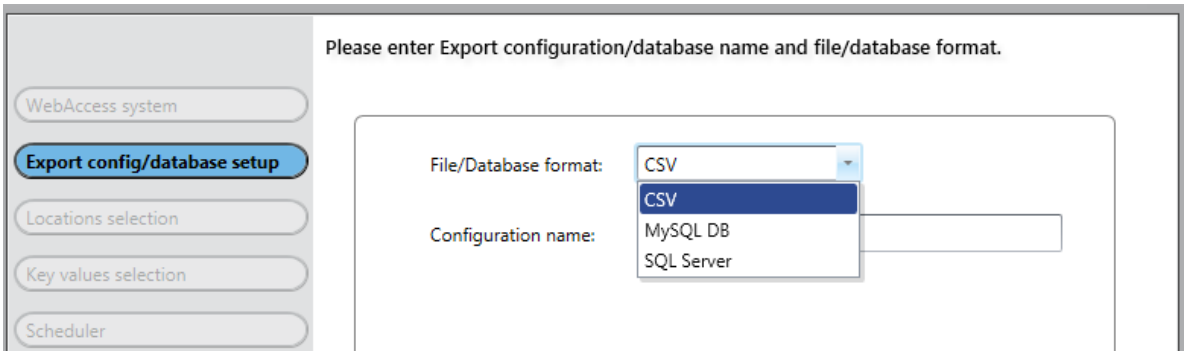
Status will change to **Online** when BigFarmNet Export has successfully connected to the WebAccess connection.



Rightclick on a known system to access a delete option.

3.2 Exporting Data to CSV File or Database

After configuration of the WebAccess system, select how to store data, either in CSV File, MySQL database or SQL Server:



For description of exporting to a CSV file see chapter 3.2.1.

For description of exporting to a database see chapter 3.2.2.

3.2.1 Exporting Data for a CSV File

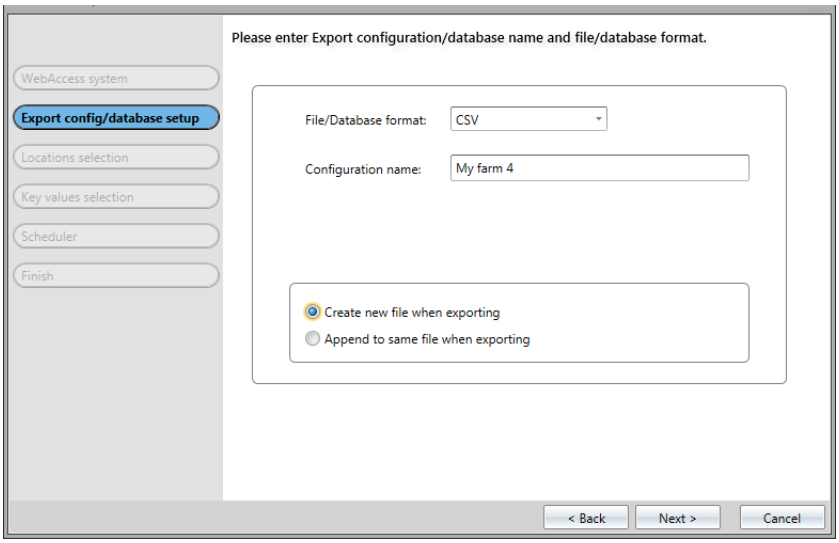
When data is to be exported to a .csv file format the following settings are needed:

- Configuration name
- Location
- Key values
- Time schedule

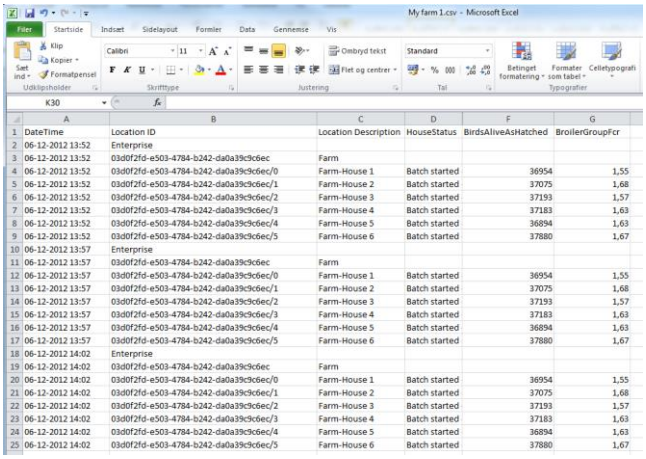
Enter the settings and click **Next**.

3.2.1.1 Configuration Name

The next step is select the type of file for the exported data (CSV) and to name the configuration.



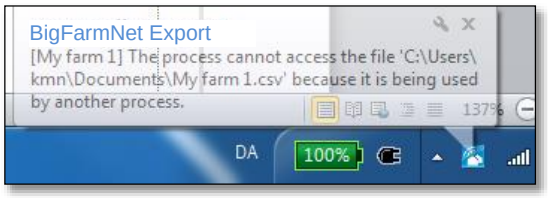
Create new file when exporting	A new CSV file will be created at every export.
Append to the same file when exporting	The data is appended to the existing export file.



DateTime	Location ID	Location Description	HouseStatus	BirdsAliveAsHatched	BroilerGroupFcr
06-12-2012 13:52	Enterprise				
06-12-2012 13:52	03d0f2fd-e503-4784-b242-da0a39c9c6ec	Farm			
06-12-2012 13:52	03d0f2fd-e503-4784-b242-da0a39c9c6ec/0	Farm-House 1	Batch started	36954	1,55
06-12-2012 13:52	03d0f2fd-e503-4784-b242-da0a39c9c6ec/1	Farm-House 2	Batch started	37075	1,68
06-12-2012 13:52	03d0f2fd-e503-4784-b242-da0a39c9c6ec/2	Farm-House 3	Batch started	37193	1,57
06-12-2012 13:52	03d0f2fd-e503-4784-b242-da0a39c9c6ec/3	Farm-House 4	Batch started	37183	1,63
06-12-2012 13:52	03d0f2fd-e503-4784-b242-da0a39c9c6ec/4	Farm-House 5	Batch started	36894	1,63
06-12-2012 13:52	03d0f2fd-e503-4784-b242-da0a39c9c6ec/5	Farm-House 6	Batch started	37880	1,67
06-12-2012 13:57	Enterprise				
06-12-2012 13:57	03d0f2fd-e503-4784-b242-da0a39c9c6ec	Farm			
06-12-2012 13:57	03d0f2fd-e503-4784-b242-da0a39c9c6ec/0	Farm-House 1	Batch started	36954	1,55
06-12-2012 13:57	03d0f2fd-e503-4784-b242-da0a39c9c6ec/1	Farm-House 2	Batch started	37075	1,68
06-12-2012 13:57	03d0f2fd-e503-4784-b242-da0a39c9c6ec/2	Farm-House 3	Batch started	37193	1,57
06-12-2012 13:57	03d0f2fd-e503-4784-b242-da0a39c9c6ec/3	Farm-House 4	Batch started	37183	1,63
06-12-2012 13:57	03d0f2fd-e503-4784-b242-da0a39c9c6ec/4	Farm-House 5	Batch started	36894	1,63
06-12-2012 13:57	03d0f2fd-e503-4784-b242-da0a39c9c6ec/5	Farm-House 6	Batch started	37880	1,67
06-12-2012 14:02	Enterprise				
06-12-2012 14:02	03d0f2fd-e503-4784-b242-da0a39c9c6ec	Farm			
06-12-2012 14:02	03d0f2fd-e503-4784-b242-da0a39c9c6ec/0	Farm-House 1	Batch started	36954	1,55
06-12-2012 14:02	03d0f2fd-e503-4784-b242-da0a39c9c6ec/1	Farm-House 2	Batch started	37075	1,68
06-12-2012 14:02	03d0f2fd-e503-4784-b242-da0a39c9c6ec/2	Farm-House 3	Batch started	37193	1,57
06-12-2012 14:02	03d0f2fd-e503-4784-b242-da0a39c9c6ec/3	Farm-House 4	Batch started	37183	1,63
06-12-2012 14:02	03d0f2fd-e503-4784-b242-da0a39c9c6ec/4	Farm-House 5	Batch started	36894	1,63
06-12-2012 14:02	03d0f2fd-e503-4784-b242-da0a39c9c6ec/5	Farm-House 6	Batch started	37880	1,67

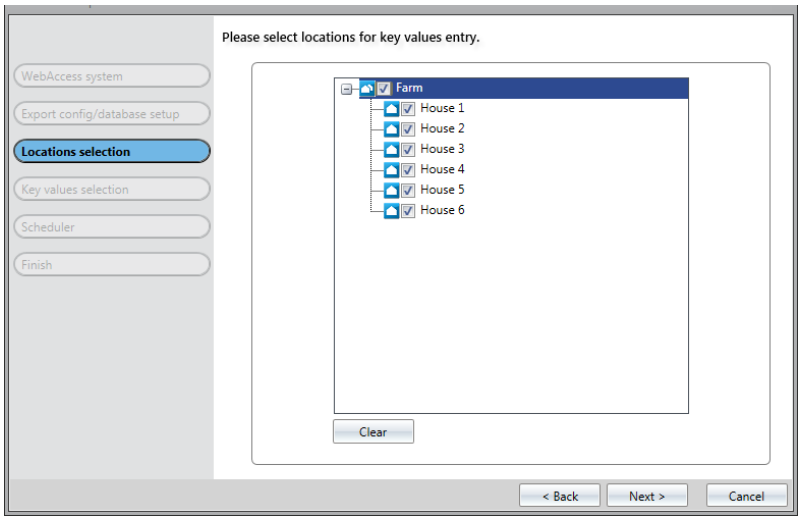
The CSV file may be opened using MS Excel or Notepad.

Please note that if the export file is opened BigFarmNet Export cannot write data to it.



3.2.1.2 Location

The next step is to select the locations (Enterprise, Farm, House, Section or Pen) from witch data is to be exported. The locations are displayed in a tree view showing the hierarchy of the location structure.

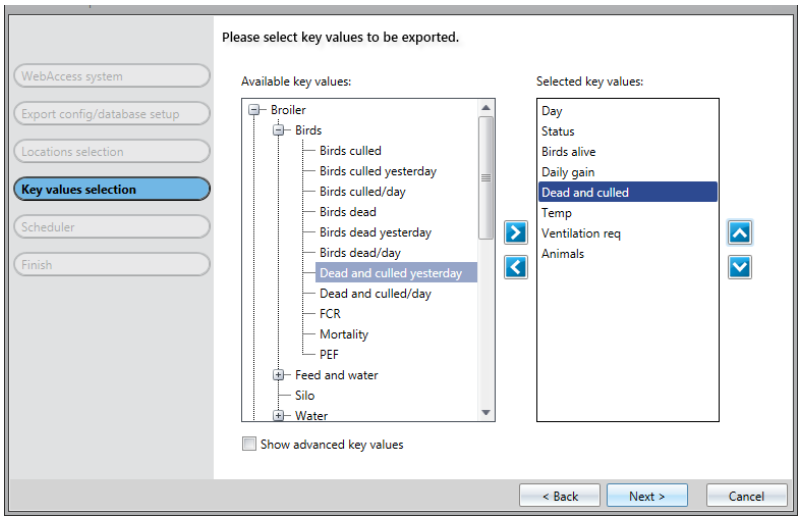


Click a checkbox to select to export data from the location.

3.2.1.3 Selection of Key Values

The next step is to select the data, called key values, to be exported. The available key values are provided by BigFarmNet Manager.

The number of available key values can be increased by checking the **Show advanced key values**-checkbox.

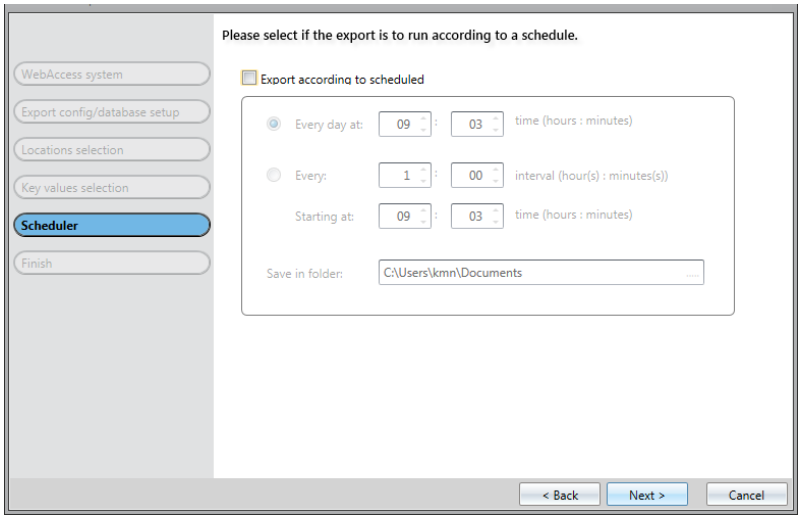


Select/deselect key value	Click to select a key value. Click to deselect a key value.
Change order of key values	Click to change the order of the key values in the export file.

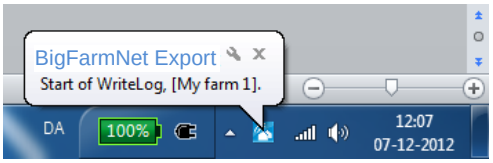
3.2.1.4 Schedule for Data Export

The data export can either be started manually at any given time – by choosing a configuration in the list and clicking **Run** – or set up to run at a given interval.

If the export is to run automatically the next step is to setup a schedule for the export.



Run scheduled	Click the checkbox to active automatic data export.
Every day at **Every**	The automatic export can be set as running daily at a given time or at a given interval (minimum 2 min. and maximum 23 hours and 59 min.).
Save in folder	Select a path for saving the export file.



A pop-up indicates when data is automatically exported the first time.

3.2.2 Exporting Data for SQL Database

When exporting to a database all available key values from all farms are exported daily at a given time of day.

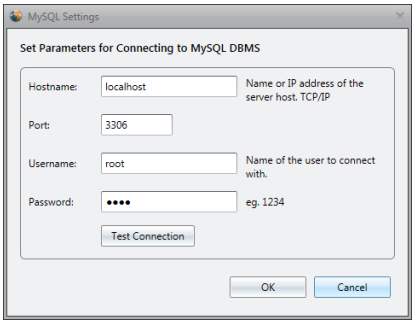
After setting up the WebAccess address (see section 3.1), the first step is to install a database for the exported data. Big Dutchman recommends using a MySQL DB.

For more details on setting up the database please see to *BigFarmNet EPM Technical Manual*.

3.2.2.1 Setting Parameters for the Database Connection

The next step is to set up the connection to the database using the **Database** function in the **Settings** menu.

Set the database parameters supplied by the system administrator.



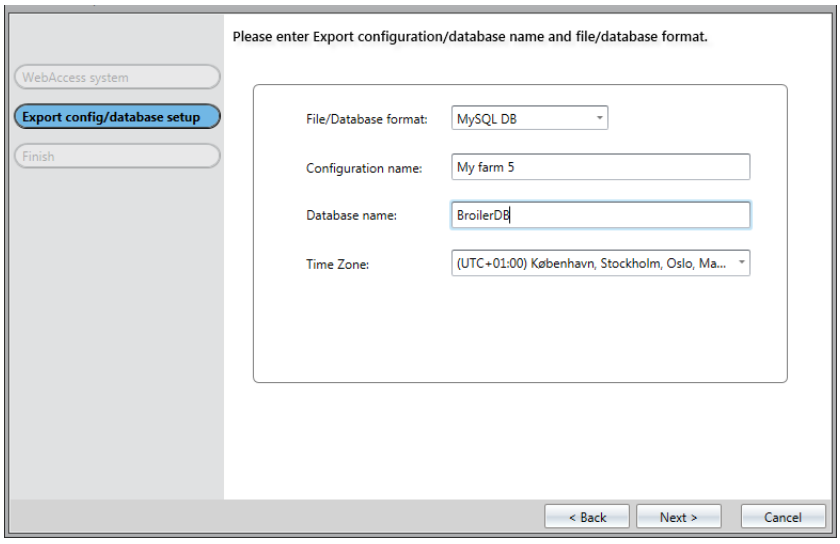
MySQL database parameters.

The default values are:

Port	**3306**
Username	**root**
Password	**1234**

3.2.2.2 Configuration for SQL Database

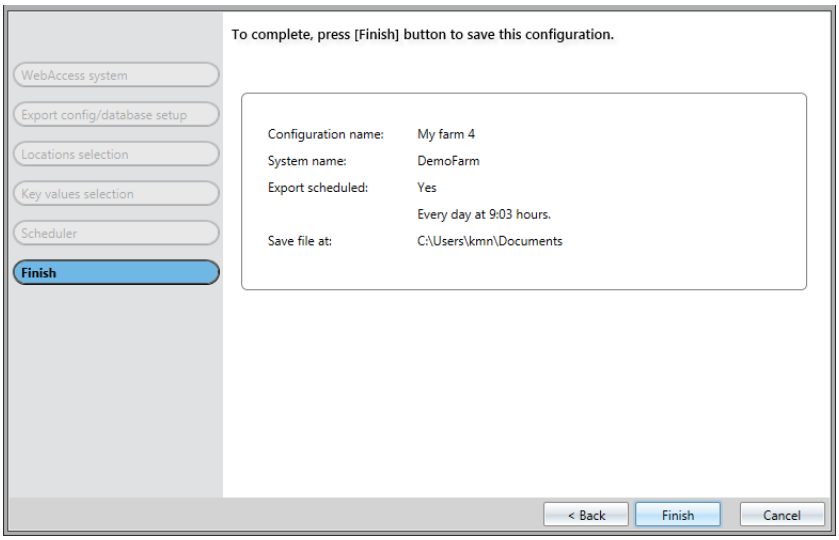
The next step is to select the type of database installed and to name the configuration.



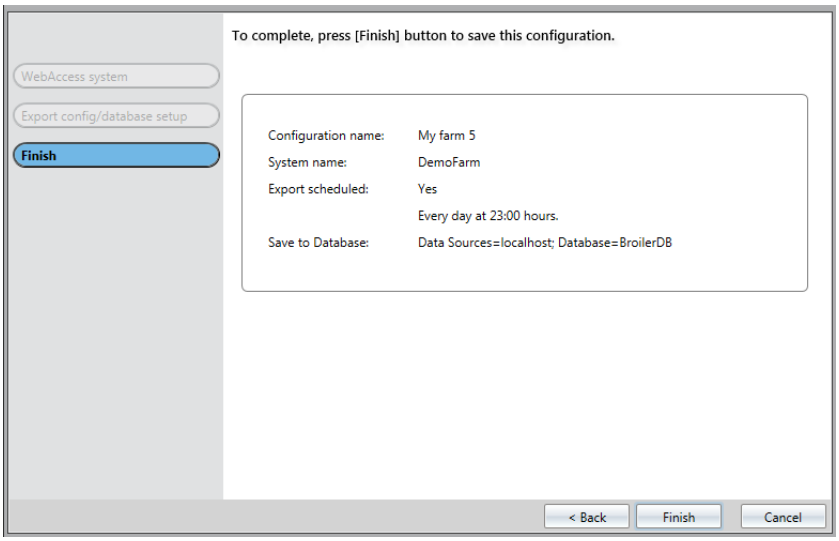
File/Database format	Select to use a MySQL database or a SQL Server.
Configuration name	Name the configuration indicating the location.
Database name	Name the database. The same database can be used for several different configurations from different farms. ***Don't use spacing in the database name.***
Time zone	Select the time zone of the server running BigFarmNet Export.

3.2.3 Completing Configuration Setup

The final step is to check if the settings are as required.



.csv file

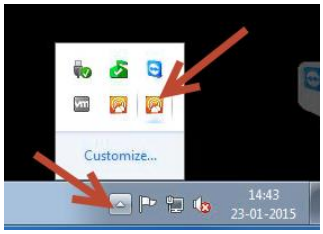


Database

Finish	Click **Finish** to save the configuration. It will be available in the list in the BigFarmNet Export window.
Cancel	Click **Cancel** to close the wizard without saving the configuration.

4 Minimizing the Program

Clicking the X in the upper right corner will only minimize the program to the task bar tray area.



To resize the program click the Show hidden icons button and choose the BigFarmNet icon.

TECHNICAL DATA

PC minimum requirements for operating BigFarmNet Export	
Processor:	Dual Core CPU
RAM:	4 GB
Hard disk	5 GB fri plads
Font size on PC	Standard 96 dpi
Network interface card (Ethernet):	The PC is to be connected to house computers and BigFarmNet WebLink via LAN
Operating system:	Windows 7 32bit og 64bit, Windows 8, Windows 10
Database for Export	MySQL db, SQL server

Big Dutchman

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