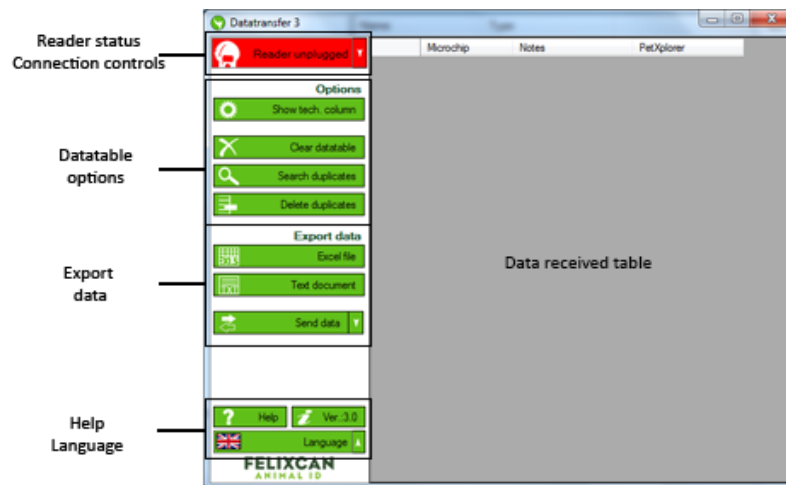# Datatransfer 3 - User guide

1. Introduction

Datatransfer 3 is the default application to transfer data from FXPet II reader. Some of the features this application offers are the following: simultaneously viewing of microchip's ID which is being read, and to save the data in an Excel file or in a text document.
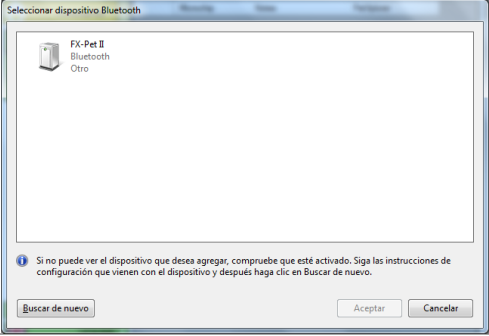

Application includes next sections:

- **Reader status/Connection controls**: Here you can check if the reader is connected or not and you will find basic controls to connect or disconnect.
- **Data received table:** Here you can see all data transferred from the reader. There are four columns, "Microchip" that stores the ID of the microchip, "Notes" at your disposal to add some comment to the microchip, "PetXplorer" to search in the PetXplorer Web page and "Technology" that will show the technology of the microchip; this last column is optional.
- **Data table options:** Buttons to process the information transferred from the reader.
- **Data export:** Options to save the data into other applications.
- **Help/Language**.

2. Reader's connection

FX-Pet II reader can connect with the Datatransfer 3 application via USB or via Bluetooth (this option is available only when the equipment has this option). Please follow the steps below to connect in one way or another.
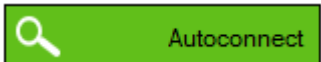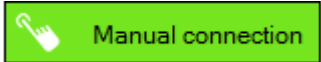
2.1. Bluetooth connection
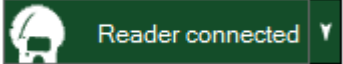
Please follow the steps below to connect using Bluetooth:

1	Click on the button that shows the reader's status.	Reader unplugged
2	Select the option **Bluetooth Connection**.	Bluetooth Connection
3	Click on the button **New connection** if this is the first time that you connect the reader to the computer, in other way you can click on the button **Search existing.**	New connection / Search existing
4	Clicking on the button **New connection** will show you a Microsoft Windows® wizard to search Bluetooth devices. Devices can appear with any of the following names: *FX-Pet II, RT100-V8 or HC-06.* Please select the device and click the **Ok** button.	Seleccionar dispositivo Bluetooth — FX-Pet II Bluetooth Otro
5	Once the wizard ends, the application should stablish a connection with the reader and you will see that the text in the status button change.	Reader connected

2.2. USB Connection

If you connect the reader using USB, the application should detect automatically this situation.

In the case that the application doesn't detect automatically the reader, you have two options:

1	Click on the reader's status button.	Reader unplugged
2	Select the **USB Connection** option.	USB Connection
3a	First option: Click on the **Autoconnect** button, making the application search the reader and try to connect.	Autoconnect
3b	Second option: Click on the **Manual connection** button and select another port different from the selected port.	Manual connection
4	Select a communications port and click on **Open Port**.	Select port / Open port
5	Once any of the options you have choosen ends, the reader should be connected.	Reader connected

3. Data reception

Once the connection is established with the FX-Pet II reader, the application is ready to receive data. Data can arrive in two ways, data can be transferred for any microchip that you read with the reader or you can transfer all the microchips from the reader's memory.

If you choose the first option, to show every Microchip as you read it, you only have to read a microchip and you will see the ID of the microchip in the data table. On the contrary if you choose to transfer all the microchips from the reader's memory you should follow these steps in the reader: scroll up and down with the **Up/Down** buttons until reaching the **Memory** option, select it and then select **Send**, the data will be transferred to the computer and it should appear in the application's data table.

4. Options

In the left side of the application's screen you can find some options to apply on the received microchips.

- Show technology: If you choose this option a new column will appear in the data table showing the information about the microchip technology (FDX-B, HDX…)
- Clear data table: This option deletes the entire data table.
- Search duplicate: If you choose this option all rows with duplicate microchips will be marked in yellow.
- Delete duplicate: This option deletes the rows marked as duplicate.

5. Data export

Following are the different options to export data:

- Excel file: Using this option will send the data table to an Excel file.
- Text document: Data will be saved to a text document with tab-delimited columns.
- Send data: This option will send all the data in the reader's memory to where the cursor is, for example if you have the cursor in an Excel file, all the data will be transfered to the Excel file. When you choose his option you have the opportunity to select the initial character for the data, the final character and to show a notification in the notification's area.

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ANIMAL ID

6. PetXplorer

In every data table's row there is a button to search the microchip in the PetXplorer Web page (http://www.petxplorer.com), in this way you can get more information about the animal, of course to use this feature the animal should be registered in advance in this Web page.