



User manual

EweManage Mobile
On the
PSION (Workabout Pro)

Version 2.3

**Support line at QSG Canada:
1-800-858-7226 extension 1111**

Introduction to EweManage *Mobile*

EweManage *Mobile* is the operation software on the PSION to collect data in barn. It uses Windows CE 5 or Windows mobile 5 or higher. The PSION is a portable terminal which combines the antenna to read tags RFID, a tactile screen and a full alphanumeric keyboard. The application is dedicated to the collection of data in barn is by direct reading RFID or by a manual entry. This data will be downloaded later to EweManage on your PC by synchronizing with the Synchrobergere software.

Tag reading is done by the central button underneath the Screen or with one of the lateral rubber buttons. The reading window is 4 seconds by default, but is adjustable by configuring the "airwedge" software of the PSION.

Button of activation of reading RFID



Modes of use

EweManage mobile is designed to be used jointly with EweManage. The data "is synchronized" between the PC on which EweManage is installed and the PSION using the SynchroBerGère software which must be installed on your PC. Your administrator will provide the support for the configuration of Synchrobergère. The connection of a windows mobile device such as the PSION also requires the installation of "Windows Mobile Center" on your PC. This software should normally be present in Windows, but can be installed separately if required.

Format of the input data

Decimals:

Decimal numbers must be in form yy.xx where the period is the separator between the integers and the decimal part. The use of the comma, as in the software EweManage is to be avoided.

Dates:

The fields of the date type must be format yyyy-mm-dd (one should not use the separators bar-shaped oblique "/")

Terminology:

For those producers outside Quebec, "Site number" or "# site" refers to your "Premises ID" and consist of the 7 digits number without the provincial leading letters.

Tags:

- **NID/ATQ:** The tags read by the PSION have all one "0" at the beginning as per the ANSI standard, contrary with what is read by a stick reader that does not have the leading "0". All Canadian tags start with the number "0124000" followed by the 9 digits. It is necessary to enter these 16 characters if you use the keyboard to manually enter a number (versus scanning). On the other hand, during the transfers to and from EweManage, only of the last 9 characters are kept.
- **House:** You can use "house" tags and the latter are recognized automatically by EweManage during the transfers of data. However, for a tag to be considered as "house", it must be **8 or less characters**, alphanumeric. Any tag must be unique. To enter a house tag, use the keyboard of the PSION.

Breeds:

Breed field must contain a maximum of 12 alphanumeric characters. If you use EweManage and you import the data from EweManage into the PSION, the list of breeds must be identical in the 2 systems so that the breed of an animal read by the PSION be displayed. If a breed type is not in the drop down breed list of the PSION, the breed field of an animal read will be empty until you added the missing breed type to the drop-down list.

Group:

The groups (pen) filed must contain a maximum of 12 alphanumeric characters. If you use EweManage and that you import the data from EweManage, the list of groups must be identical in the 2 systems so that the group of an animal read by the PSION be displayed. Otherwise, the group field will be empty until you added the missing group to the drop-down list.

Others:

The site numbers must mandatorily be numbers with 7 digits, according to the conventional nomenclature of ATQ or CCIA

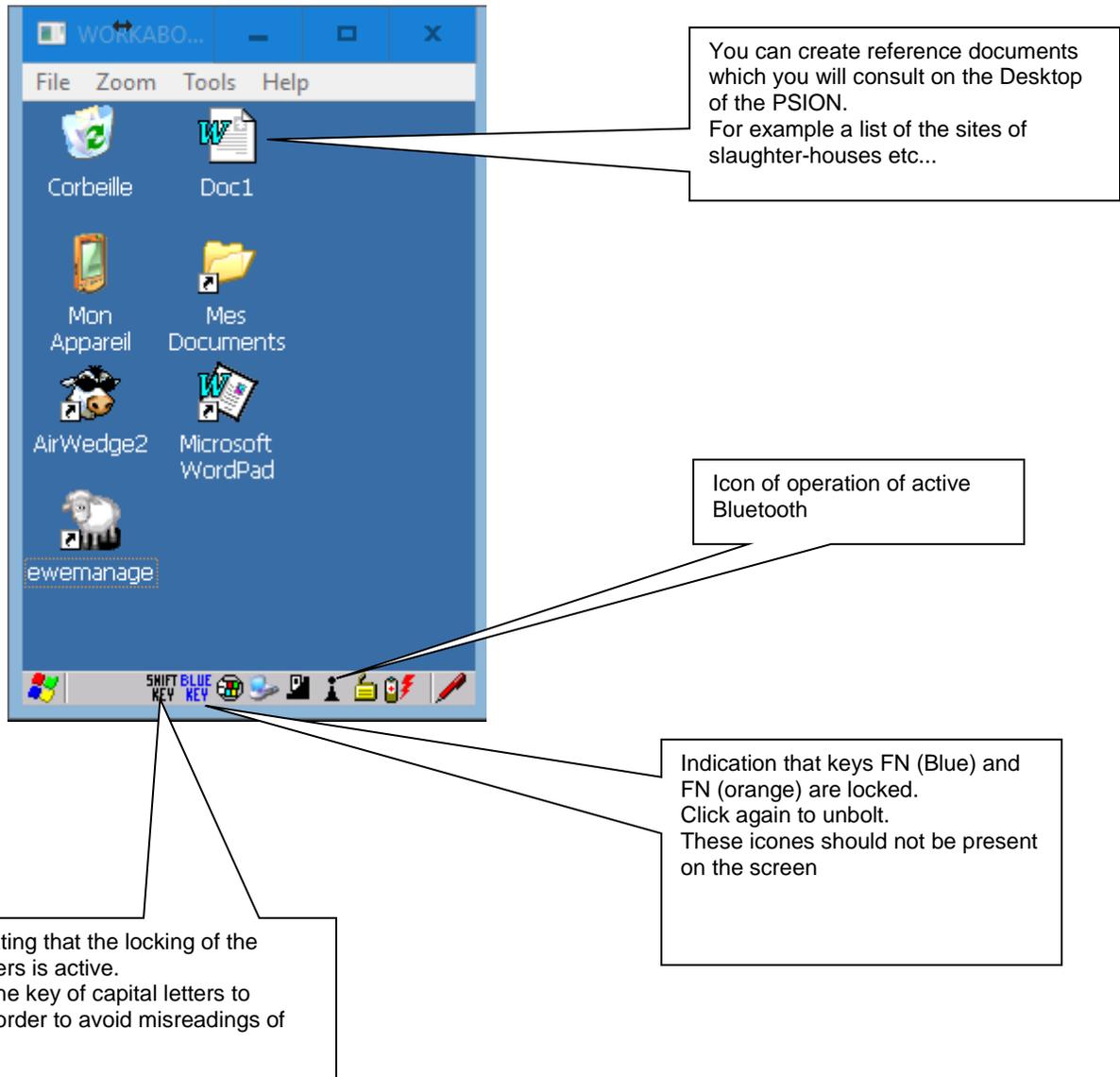
Technical support

The technical support is provided by one of the following entities according to the type of support required:

1. Support on the EweManage mobile application: support concerning the use of the screens, data transfers, identification of the problems related to EweManage, data transfer from and to the PC, interactivity with the PC based EweManage flock management software or for the requests for improvements to EweManage Mobile: contact Jacques Kirouac (450) 955-0674 or info@logicielbergere.com or Jen Vervoort in Ontario

PSION user guide

2. Support concerning the Workabout terminal itself: questions concerning the hardware or software on the PSION; problems related to the use of the PSION, to the RFID scanning (AirWedge), connectivity issues, equipment guarantees, purchase of replacement parts (batteries, transport cases etc) or extended warranties: contact QSG technical support 1-800-858-7226 extension 1111



Software architecture

EweManage Mobile is a stand alone .NET CF application which can function theoretically on any mobile provided with a RFID reader and equipped with Windows CE or Windows mobile 5 or superior. It integrates a Microsoft SQL database that contains all the scanned data on disc ready to be exported on request. Reference data can be imported from "EweManage" into the mobile. The data to be imported consist of:

- The drop down list of sites
- the drop down list of groups
- the drop down list of breeds of animals of your flock,
- The drop down list of death causes
- All active animals in from "EweManage".
- The list of drugs with dosage and application mode available in the EweManage medical section

The communication between the mobile and the PC is done via the cradle of the terminal by means of a USB cable connected between the two devices. It requires the "Windows Mobile Device Center" software: the communication and synchronization platform for the Microsoft mobiles units, as well as the synchronization software "synchrobergère" delivered with the PSION and to be installed on the PC.

The EweManage Mobile database is independent of the PC based EweManage database, and for this reason can be used in a standalone mode. When the synchronization of the bases is carried out and according to the selection of the type of transaction chosen by the producer (ex: weighings, or lambings etc...) the two databases can be synchronized, meaning that the data of the mobile (or EweManage on the PC) will be transferred to the required directory of the PC (or conversely of the portable) ready to be read by the receiving device.



The Synchrobergère software is the PC based application that transfers files containing data from one device to the other, in both directions.

General operation

The various menus of EweManage Mobile can be reached by double-clicking on the corresponding button of the touch screen.

The small styllet with the corner lower right of the screen opens a virtual keyboard at the bottom of the screen, which can be handled using the styllet of the PSION. The terminal however offers a full keyboard and it is preferable to make use of this last rather than of the virtual keyboard.

When data numbers are entered, the "." decimal separator is entered by clicking once the arrow facing up on the left hand side of the keyboard (shift key), then clicking "0".

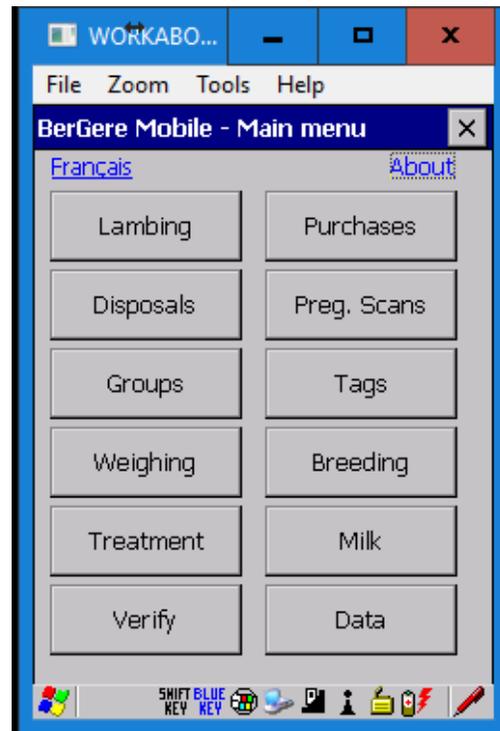
Autosave:

Some screens are equipped with an autosave check box. When this function is checked, tags scans are saved immediately, without the need to press the "Save" button. For those screens, the data below the tag number is assumed to be the same for all tags scanned. Otherwise, the reading sequence is as follows: For example, if one makes "disposals", the following data entry sequence apply:

1. Enter the common data for your disposal (date, option, site etc...),
2. Then, to return to the field of the tag number and read the first tag,
3. Save (if you did not have activate the autosaving)
4. To make the reading of the second tag (all the data inputs for the precedent is repeated except for No of tag)
5. Save again
6. Repeat for the next one until the end

When a tag is scanned, the system searches the corresponding number in the database and displays the information stored in memory (weight, scan result etc). If the tag is not found in the database, EweManage Mobile automatically creates a new record and saves it should you click the "save" button.

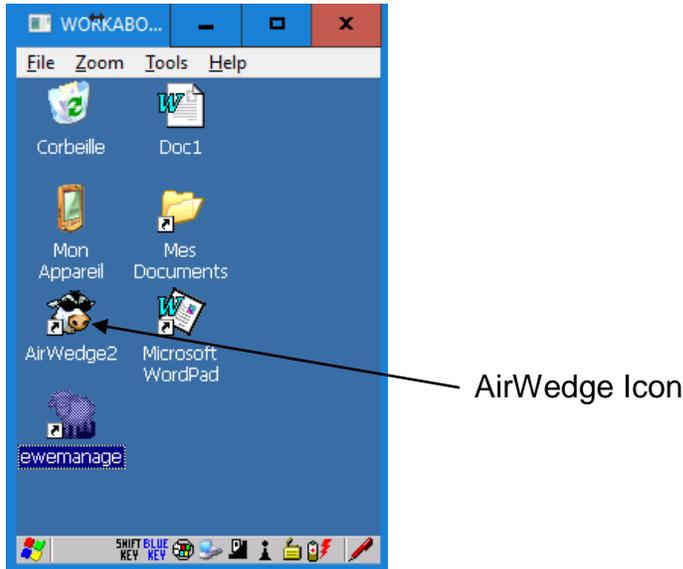
Definition of a transaction: The term Transaction used in this guide refers to any reading made and saved: A new lamb is a transaction such as a pregnancy scan reading for a ewe as a weighing for one animal...



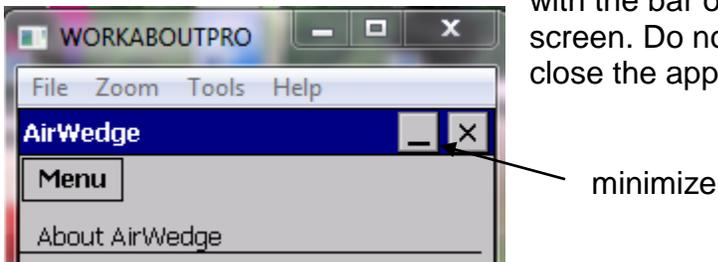
Operation of the tags scanning antenna

The PSION is equipped with an antenna to read tags. This antenna is activated by the 'AirWedge' software on the PSION.

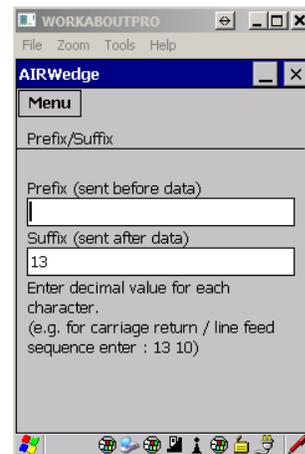
The AirWedge icon is represented by the cow head on the mobile desktop:



The AirWedge application must always be active if not, you will not be able to read (scan) a tag. When the application is inactive and you try to scan, you will hear a low frequency sound. When it is active, a bar specifying "Air scanning" with a time meter will appear on the screen. To activate AirWedge if it is not already, double click on the icon to open the application then minimize the latter with the bar on the upper right corner of the screen. Do not use "X" besides as it will close the application.



Clicking the "Menu" button will open a dialog box. Select "Prefix/suffix" and make sure that the "Suffix" line contains the number 13 and that in the "Prefix" line is empty. This ensures the correct operation during the readings of tags.



1.0 Main menu

This screen is the main menu allowing to access every functionalities provided by the application.



Buttons	Descriptions
Lambings	Gives access to lambing features.
Purchases	Gives access to the purchase screen.
Disposals	This button gives access to disposals and mortalities
Echoes	This button gives access to pregnancy scans.
Groups	This button gives access to the groups creation mode.
Tags	This button gives access the screen making possible to replace a lost tag or to change a house tag by a CCIA / ATQ tag
Weighings	This button gives access to the 50 days, 100 days or control weighing sessions.
Breedings	This button gives access to the breeding screen.
Milk	This button gives access to the milk control function.
Verify	This button gives access to the information on an animal imported from "EweManage". It is also used to "verify" in barn of the status of an animal. For example, you have a lamb in an alley and you do not know from where it comes. Scanning an RFID tag under verify will provide information on the mother, the date of birth, the pen in which it must be etc...
Data	This button gives access to the import and export functions
Treatments	This button allows to follow-up on the medical treatments made on an animal.

1.1 The “R” button

In most screens, you will find a button identified “R” besides the field where a scan is read.



This function allows to replace a lost tag: if the animal has only its visual tag (lost the RFID), you may enter the tag number by typing it on the keyboard, click the “R” button and scan a new replacement tag.

This will automatically create a tag replacement transaction that when exported to EweManage, will adjust the database accordingly. This is equivalent to the “Tag” function of the main screen, but allows to replace a tag without exiting the current process.

2.0 Lambings

This button permits to replace the tag if the ewe has lost it without having to leave the lambing screen

This will create a transaction of Tag in addition to the coming lambing transaction

Breed (field of left) and Genotype of the ewe

If you modify one of these 3 fields, you must « save » the information prior to access the « Add lamb » function.

As its name indicates it, this screen allows the addition of lambs the flock.

Date	Lambing date. By default it is the current date of the day. It is a mandatory field for the addition of a lamb.
# Ewe	This field contains the scanned RFID tag of the Ewe, or any identification entered manually with the keyboard. It is a mandatory field to add lambs.
R./Gtype	Breed type and genotype (ewe and ram). This information is imported from EweManage and is not modifiable.
# Ram	This field contains RFID tag of the rasire if known. If a breeding was previously made, either using the PSION, or following an importation of the data from "EweManage", then the tag of the breeding ram is displayed automatically in this field after having scanned the ewe. The producer can alternatively use the alias ram name recorded in the EweManage alias field. During the creation of the lambs records, the sire of the lamb will nevertheless be identified by his NID / ATQ even if alias were used here. This field is modifiable either by reading of a tag, or by a manual input with the keyboard (*)
Culling	Allows to identify an animal for culling during the lambing (*)
Group	During the reading of the tag, the group of the animal is displayed. If you wish to change it at this time you will be able to do it. The lambs born will be placed in the group indicated to this place (*) and the group of the ewe will be modified consequently in EweManage
Remark	Allows to record a remark concerning the ewe (*). This remark will be added in the 'observations' field of the ewe's record when lambings will be confirmed in EweManage
Number born	Meter adding up the number of birth for the ewe.
Addition lamb	Button giving access the screen of addition of lamb if the mandatory fields are completed.
Save (*)	Save: This button allows to save any information modified in one of the fields indicated by (*) above. If one make changes in those fields, and fail to save, changes will not be ignored.
List. lamb.	List lambs: allows to list the lambs born for the scanned ewe and further delete or correct any error to the identification. Note: this screen lists all the active animals of your EweManage database, including the progeny since the system lists all animals whose mother is the scanned tag. The lambs are listed by decreasing order of birth date to ease your reading. (refer to next screen image)
Return	Return to the main menu

(*) You must click "save" to validate any change In these fields.

Screen listing lambs of Dam 01240003313153789

# lamb earTag	Birth
STILL_BORN_1	2018-02-13
0124000123456788	2018-02-13
0124000314565663	2016-05-12
0124000314565664	2016-05-12
0124000314342838	2013-02-27

Newborns

Progeny

Delete from the database the highlighted tag in blue

Allows to modify tag number highlighted in blue

2.1 Adding a lamb

This screen allows the addition of lambs and is called by the previous screen. The lamb or the lambs which will be added to flock will have as Dam, Sire and date of birth, the scanned values saved in the previous screen.

Replacement animal

Lamb: STILL_BORN_2

Fostered by:

Weight:

Sex: M

Transfer to feeder?

Remark:

Animals read: 2

Back Save

Replacement animal	When this box is checked, the lamb born is identified in EweManage at the time of the confirmation of the lambings, as potential replacement animal (ewelamb or ramlamb).
# Lamb	This field contains the RFID tag of the new-born lamb which will be used as key of identification for the continuation of the operations. This field is mandatory to save the record. By defect the value STILL_BORNxx is registered there (xx indicate No of series of the lamb in order to make the distinction with the other stillborn lambs in database). If a lamb is still-born child, one needs "save" this data before making the reading of the following tag for a live lamb (if it is necessary). Note: it is possible to use a "house" tag instead of an RFID tag. The house tag must be alphanumeric LESS than 9 characters. At the time of the import of the lambings in EweManage, the latter identifies if it is a tip tag and assigns the corresponding status. Section 6.1.1 indicates how to replace a house tag by an official one.
Foster mother	When the lamb is adopted, scan or enter the number of the foster mother in this field.
Weight	This field is the weight with the birth of the lamb. It is mandatory except for the stillborns.
Sex	It is the sex of the lamb. Two choices are available M for male (default value) and F for female. This field is also mandatory to be able the record save.
Transfer to the milk feeder	Indicate a transfer to the milk feeder. For GenOvis: the lamb will remain in the same management group as the others, but is transferred to the EweManage "Feeder" group.
Remark	Is a free space to type in remarks concerning the lamb. These remarks will be recorded in the "observations" field lamb's EweManage record.
Animals read	This field is a meter counting the number of lambs added since the last synchronization. This field indicates the total number of births, not the number of lambs born for the scanned ewe. This last value is available on the previous screen.
Save	Saves the record in the database.
Return	Returns to the previous screen.

2.2.1 Transfer to Feeder:

To transfer a lamb to the feeder (or bottle), simply check the box "Transfer to feeder".

2.2.2 Adoption by another ewe:

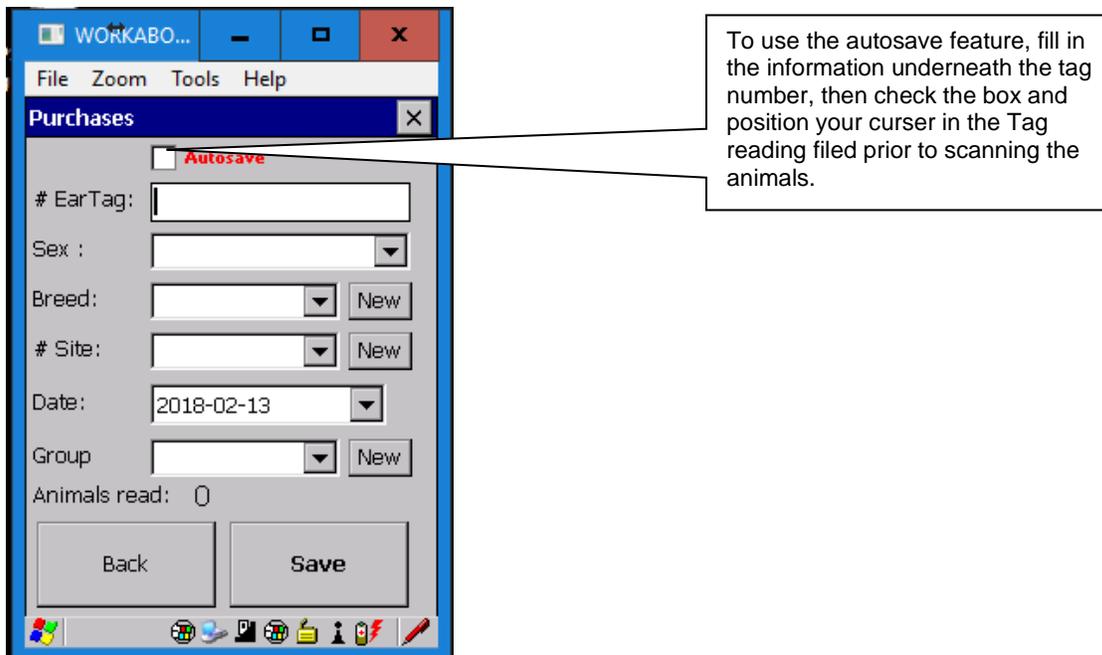
To transfer a lamb to another ewe, scan or type in the number in the "foster mother" field. EweManage will deal with the adoption and will make the necessary transfers as well as the adjustments with the numbers born and raised numbers as well of the natural mother as of the foster mother.

3.0 Purchases

This screen allows to read new inventory during an acquisition of animals coming from another flock.

Initial inventory

If you acquire of EweManage Mobile and EweManage at the same time and you want to create your EweManage database using the PSION, proceed as follows: Carry out a "purchase" from yourself to yourself (in other words the supplier' premID is yours). In EweManage, you will then change the tag status of those animals from "purchase" to "active". For more details, contact your system administrator.



Autosave	When this box is checked, the data is saved automatically as soon as a tag is scanned, no need to click the button "save". However, <u>the mandatory data (sex, Breed and No of site) must have been completed as a preliminary</u> , without what the information will not be saved. You must supplement the mandatory data first and then position your cursor in the Tag number field then start the readings.
# Ear Tag	RFID Tag of the animal scanned or entered manually. This field is mandatory for save the record.
Sex	Sex of the animal. Two choices are possible: male (M) or female (F). This field is also mandatory to save the record.
Breed	Breed of the animals purchased. Selection starting from the drop down menu. Values are those imported from "EweManage". This field is mandatory for save the record.
New.	This button allows to add a new breed types to the drop down list.
# Site	Site number of the farm where animals are coming from. This field is also mandatory for save the record.
New.	This button allows to create a new site in the drop down list.
Date	Purchase date of the animals
Group	Group in which you wish to place the animals
Animals read	Meter adding up the number of animals bought since last synchronization.
Return	Return the main menu.
Save	This button allows to save the current record when autosave is not activated

3.1 Addition of a new breed type

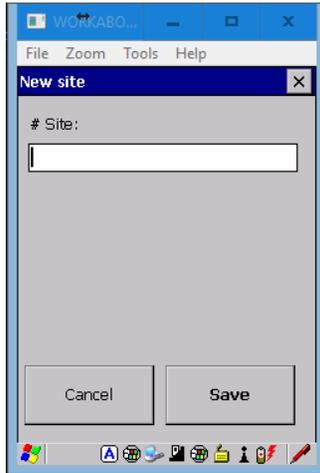


This screen makes it possible to create a new breed of animals which will be added to the drop down breed list.

Breed	Free text being able to contain up to 12 alphanumeric characters and being used as name with the new breed in creation. We recommend to always use the standard 2-letters breed type.
Cancel	Cancel and return to the preceding screen.
Save	A new type of breed is created in the database and will be available in the drop-down list of the breeds.

3.2 Addition of a new national Premises ID (Site number)

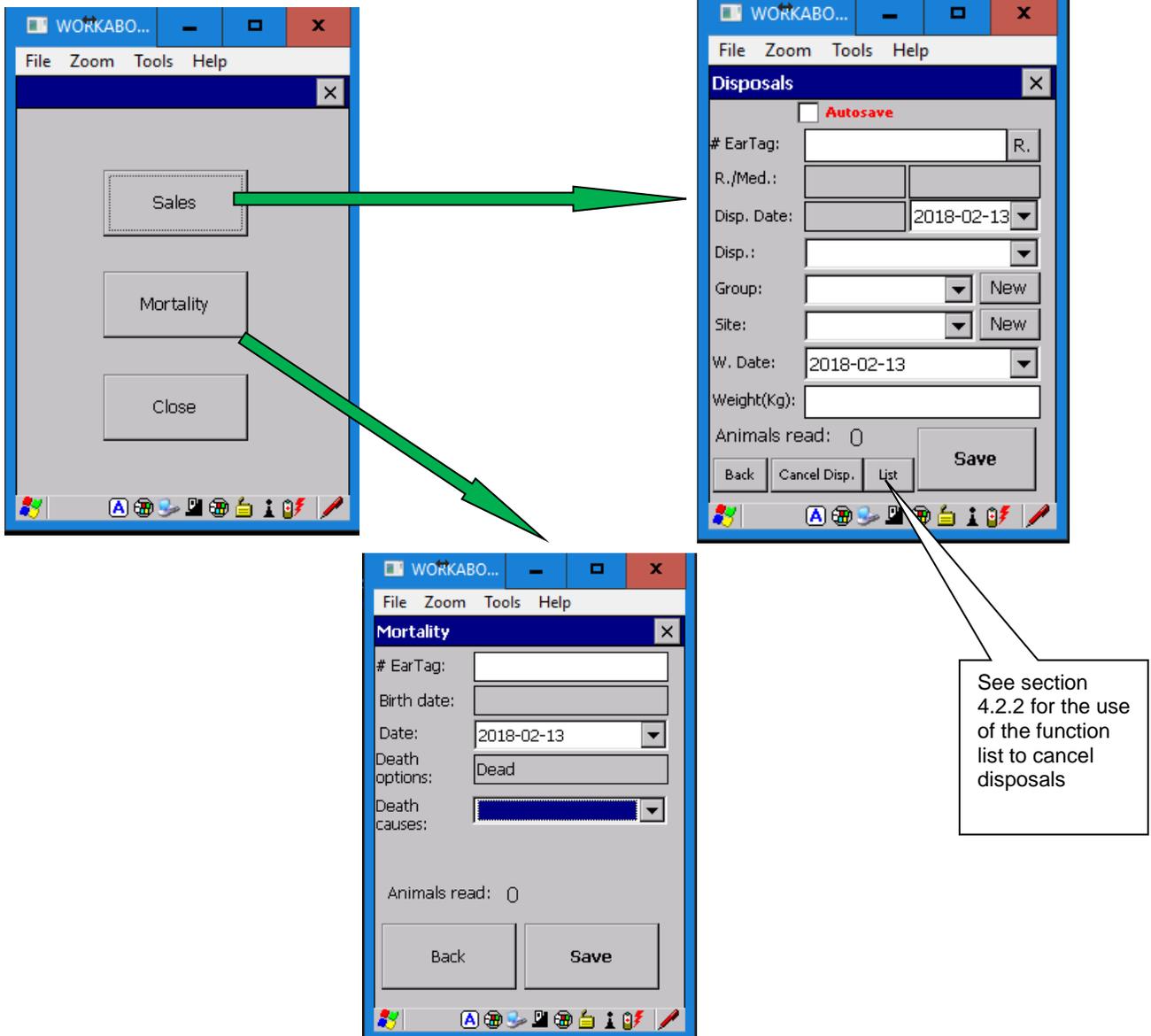
This screen allows to add a new site (prem ID) to the drop down list of sites. Note: the sites listed in this section are your customers, auction and slaughter house premises ID. Your own premises ID number is to be entered in the "Configuration" section of the software, under the "Data" button.



# Site	Premises ID: enter the required 7 numeric premises ID numbers without the province leading letters.
Cancel	Cancel and return to the preceding screen.
Save	A new site will be created in the database and will be available for selection in the drop-down list of the sites.

4.0 Disposal

This screen allow to record final disposals of an animal, sales or mortalities.



4.1 Disposals

Autosaving	When this box is checked, the data is saved automatically as soon as a tag is scanned, without the need to click the "save" button. Mandatory data (Mode of disposal and site number) must have been completed prior to using the autosave feature.
# Ear Tag	RFID Tag scanned or manually entered animal. This field is mandatory to save the record.
R./Med.	This line displays, on the left the breed of the animal and on the right, the last drug administered if applicable. These info are coming from EweManage and are not modifiable
Disp. Date	Two dates are displayed: 1) the field on the left is the date allowed of withdrawal as calculated and imported from EweManage and is not modifiable 2) The date of right-hand side contains the calendar for the selection of the disposal date. By default it is the current date of the day. <u>If the period of withdrawal is not completed for an animal, as indicated by the first dates on the left, the latter blinks, indicating that it is illegal to dispose the animal on the selected date.</u>
Disp.	Drop-down list for the selection of the disposal option. Five choices are available: Abattoir Customer, Auction, Dead, Reproducer or Transfer. This field is mandatory to save record.
Group	Drop-down list for the group selection. One can add a new element to the list if needed. This field is not mandatory to save the record.
Sites (premises ID)	Drop-down list for the choice of the disposal site. As previously, one can also add a new ID to the list. This field is also mandatory to save the record.
W. date	Date of the last weighing. If the last weight was not exported (synchronized), the result of the last weighing session appears here.
Weight (kg)	Weight of the last weighing in kilogram. This field is related to the preceding field, if last weight was not exported. Otherwise, you can enter the current weight.
Animals read	Meter adding up the number of already disposed animals for this group.
Back	Return to the main menu.
Save	Saves the above information for a given tag scanned.

Cancel Disp.	This field leads to a cancellation screen allowing to cancel disposals by scanning animals already identified for disposal.
List	Allows to list the animals which are identified for disposal (prior to synchronize). This function makes it possible to remove animals of the list if desired.

4.2 Adding a group to the drop down list

Similar to the breeds and the premises ID lists, new group names or numbers will be added to the groups drop down list previously imported from "EweManage".



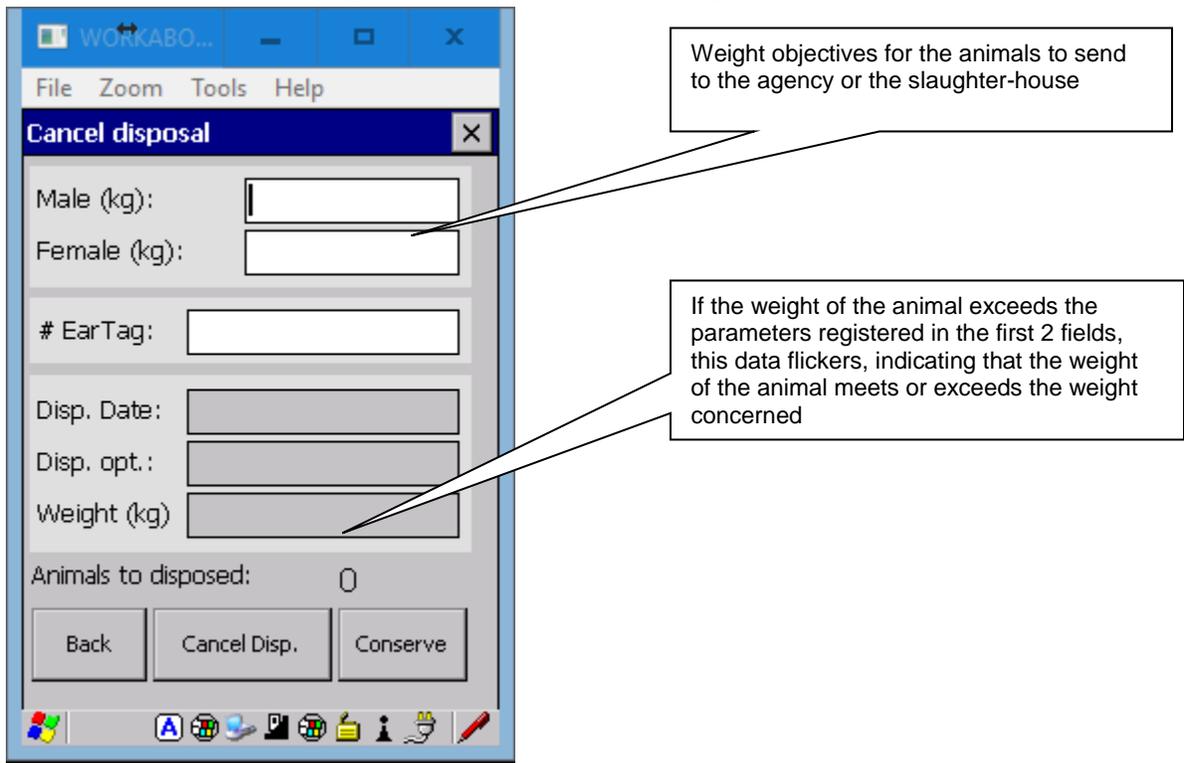
# Group	Free text of 12 alphanumeric being used as name of group.
Cancel	Cancel and return to the preceding screen.
Save	The group number will be available to the groups drop-down list.

4.3 Cancellation of disposals

It is possible to cancel disposals if the disposals are not yet synchronized. (Note: for the users of EweManage, if synchronization has been completed, it is also possible to cancel certain disposals using the "Sales" menu in the lambs database of EweManage).

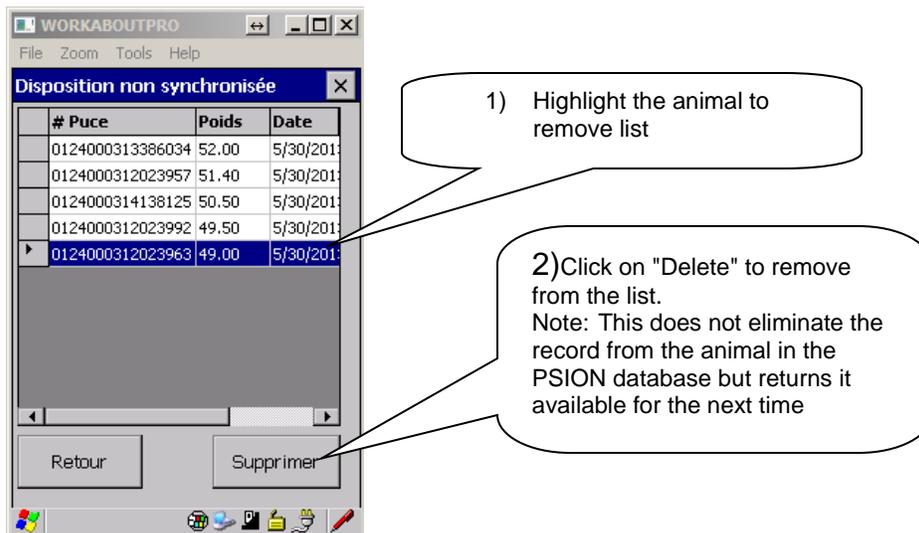
There are 2 ways of eliminating disposals:

4.3.1 Cancellation using the button "Cancel disposals"



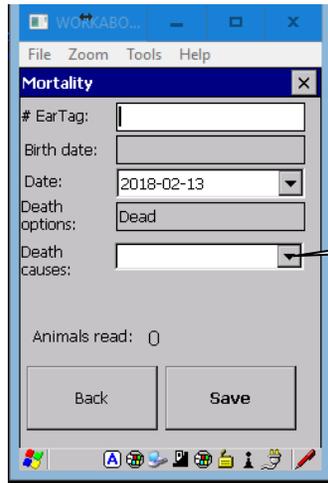
Operation: First, the producer must enter in the first 2 fields, weight objectives for the animals. He then scans the tags in the "# Ear Tag" field and if the weight (according to the sex) meets the desired weight, the weight (last line) blinks, indicating that the animal meets the disposal criteria. If not, the disposal can be eliminated using the button "Cancel Disp."

4.3.2 Cancellation using the "list" function



4.4 Disposals - mortalities

This screen allows to record dead animals.



The drop-down list of the causes of mortality is imported from EweManage and must be created in your flock management software. This list cannot be edited from the mobile application

# Ear Tag	Scanned RFID Tag or manually entered animal. This field is mandatory to save the record.
Date	Calendar for the selection of date. By default it is the current date is displayed.
Options death	Only one non modifiable option: dead
Causes of death	The drop-down list of the causes of death is imported from EweManage (cannot be modified in the PSION).
Animals read	Meter adding up the number of dead animals since last synchronization.
Return	Return to the main menu.
Save	Save the current record.

5.0 Pregnancy scans

This screen allows to enter scan results.



This button makes it possible to replace the tag if the ewe lost it without having to leave the screen of pregnancy scans

This will create a Tag transaction

Date of the last scan. The next line displays the last scan result.

Number of ram exposures as provided by EweManage

This data will be kept and saved for the Next animal scanned if it not changed

# Ewe	Scanned RFID Tag or manually entered animal. This field is required to save the record.
Birth date.	Date of birth of the animal
Previous D..	Date of the preceeding scan
Prev..	Left hand side: Result of last the scan (either taken by the PSION, or imported of EweManage). Right hand side: number of ram exposures as defined by EweManage since the last lambing. This data is non modifiable as it is calculated in EweManage
Date	Calendar for the choice of the date of the scan. By default it is the current date is displayed.
# Ram	ID of the ram with which last breeding took place
Cull ind / CIDR	Drop-down list for the choice of the cull indicator. Two choices of values are available: Yes, No. This field is also required to save the record. (by default it is with "No"
CIDR	Two choices of values are available: Yes, No. This field is also required to save the record but is "no" by default
Cull stat.	If a culling status has already been assigned in EweManage, it will appear here

Group	Group in which is the ewe. If the the group AND the scan is negative (empty), EweManage will automatically create a new breeding with the Ram identified as the breeding ram for the newly selected group. If you use this feature, make sure that your new breeding group has a breeding ram (or group of) identified.
Remark	Use to record a remark in the “observation” section of the animal record in EweManage
Animals read	Meter adding up the number of scanned animals since last synchronization.
Return	Return to the main menu
Save	Save the current record

5.1 Cull indicator

If you indicate that the animal must be culled, this will be recorded in EweManage. The "yes" culling statud will not “Confirm” culling it in Ewemanage" but will identify an animal as to be culled eventually. Should you want to confirm culling, you can either use the disposal function of the PSION, or change the status to “Confirmed” in EweManage.

5.2 Group

The group field indicates in which group of breeding the ewe currently is. If, at the time of the scan, the animal is scanned negative and that you transfer it from group, you must at this time indicate the new group number in which the ewe is assigned.

Effect of a change of group on a negative echo:

When you confirm your pregnancy scans in EweManage, all the negative ewes that were reassigned to a new group are “re-breaded” with the ram of that group at the date of the scan.

Note: you must make sure that the selected group is a valid breeding group in your flock management software so that EweManage finds the appropriate ram to be assigned to the transferred ewe.

5.3 Saving the scan results

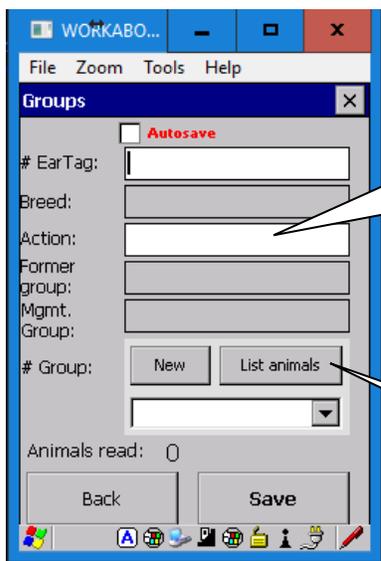
3 colored buttons are available at the bottom of the screen, allowing of save the result: (green = positive; red = negative and yellow = Uncertain- doubtful), the result as well all the other recorded data are saved as a new transaction to be synchronized with your EweManage database.

6.0 Group

Allows to create new groups or reassign a group of animals to another number.

Note:

- 1) If you create a new group, this new identification will automatically appear in the drop down list of EweManage when you will confirm your transactions.,
- 2) if you create new groups in EweManage you must transfer the information in the PSION, otherwise, your animals will appear in the wrong group when scanned in barn



Allows to enter:

- A medical treatment made to an entire group
- A remark to be registered in the observation section for all animals of the group if the note is left for all animals scanned

List AND allows to reassign all animals of a given group to a new one without the need to scan them individually

Autosaving	When this box is checked, the data is saved automatically as soon as a tag is read, without having to click the button "save". On the other hand, the mandatory data (New group number) must have been first completed, otherwise, data is not saved
# Ear Tag	Scanned RFID Tag or manually entered animal. This field is required to save the record.
Breed	Indicate the breed of the animal. This data comes from EweManage and is not editable
Action	Free text of 25 characters length which can be used: - to record a treatment for all animals scanned (if the treatment description is left identified for the whole session - to record comments for one or more animals scanned.

Former Group	This field identifies in which group was the animal read prior to your change
Mgmt group	For GenOvis producers, the GenOvis management group. This info comes from EweManage and cannot be edited
# Group	New group assignment. This field is required to save the record.
New.	Button for the creation of a new group.
List Animals.	Button which allows to list all the animals which belong to a given group and if required to change all the animals of the group to another without having the need to scan them. This is useful when changing groups at weaning or similar activities
Animals read	Meter adding up the number of animals already assigned to this group.
Return	Return to the main menu
Save	Save record if you do not use autosave

6.1 special notes on group names

- a) The group name "Adoption" is reserved for "late adoptions". See section 6.4 on this subject
- b) For milk producers: The "Dry out" group can be used to indicate a dry out date of an entire group. The fields necessary will automatically appear in EweManage and animals are transferred in the "Dry out" group
- c) The names of groups can be alphanumeric, but do not have to exceed 12 characters
- d) Avoid special characters in the group naming such as "/-&" etc...
- e) For an animal appears in a group, the name of this group must be in the drop-down list of EweManage Mobile. If you modify the groups, it is suggested doing it starting from the drop-down list of EweManage and reimporting this list in the mobile.
- f) The fact of creating a new group in the mobile automatically transfers this name from group in the drop-down list of the groups of EweManage.

6.2 Screen listing animals in a group

Number or description name of the group

Note: In the PSION, the stillborns find themselves in the same group as the mother. They are transferred automatically to group 0 in EweManage at lambing and disappear from EweManage Mobile at the time of transfer

Quantity of animals in the group

6.3 Reassignment of a group

The button "Reassign" allows to reassign a whole group of animals at once, without having the need to scan them. For example, here, the 2 animals of the group named "343" can be changed to any other group of the drop down list by selecting the new group and clicking "Save". This creates the number of corresponding transactions to transfer in EweManage

Change group for all selected subjects or current weighing session

Former group: 343

Group: Ext

Ext

ext1e

2

5

6

Louve

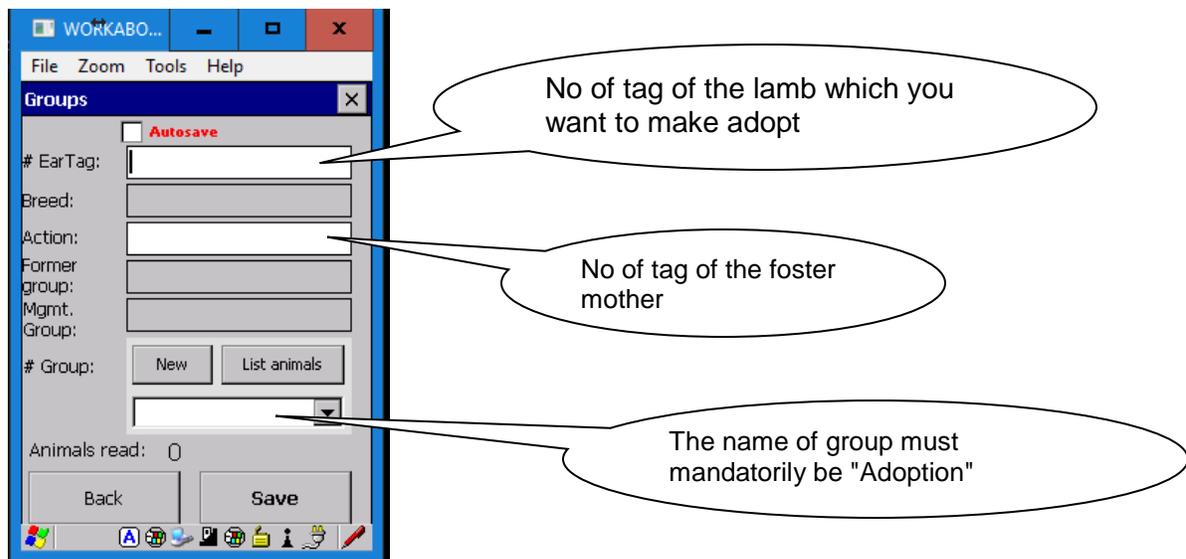
Back save

6.4 Late Adoptions

EweManage Mobile allows to carry out adoptions of lambs even after the synchronization of the lambings has been completed.

Note: for the adoptions at the time of lambing, please consult the lambing section 2.2

First create in the group name "Adoption" in the drop down list, then scan the tag of the lamb to adopt in the "# Ear Tag" field and scan or enter the tag number of the foster mother in the "Action" field. Then, place the lamb in the "Adoption" group:



At the time of the confirmation of the groups in EweManage, the system recognizes the group "Adoption" and proceed accordingly.

7. Tags

The "Tags" button is used to replace either a lost ATQ or NID tag by another, or to replace a house tag by an official ATQ/NID one.

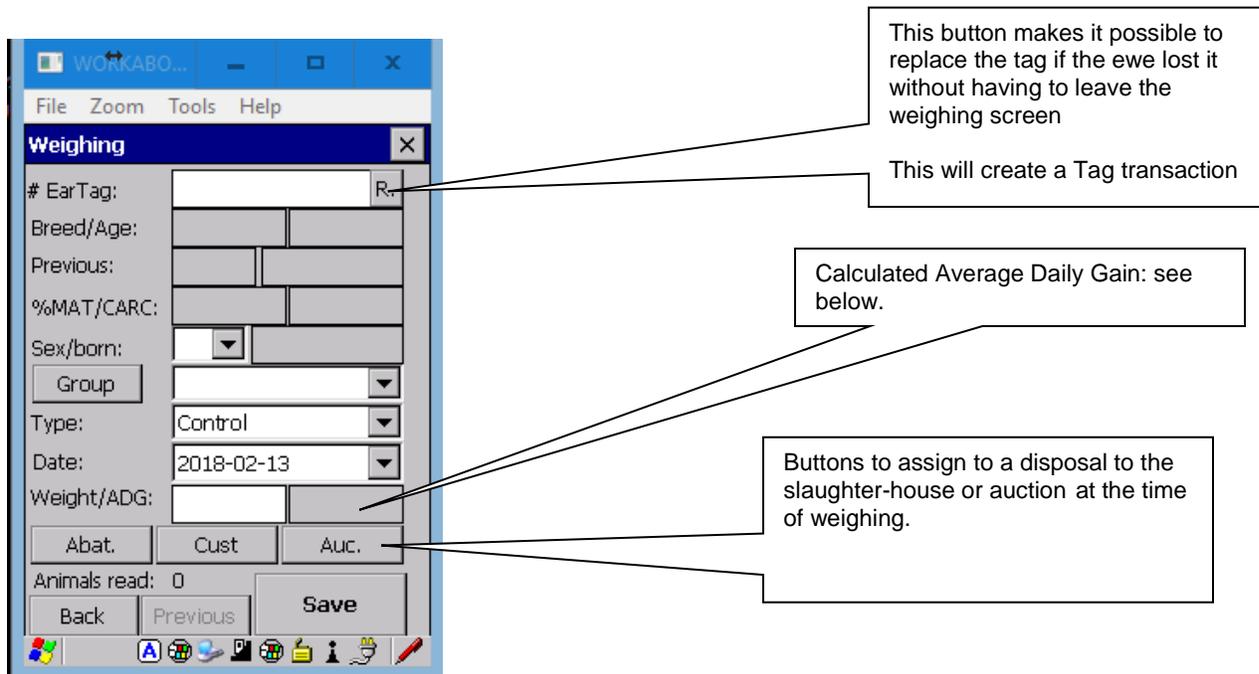
Enter or scan the previous complete tag number (with prefix 0124000 follow-up by the 9 digits) in the first field and scan the new number in the following one. To replace a house tag, type in the house tag identification in the "# Ear Tag" field and proceed as above.

Note: A tag is recognized as "house" automatically by EweManage Mobile when it has less than 9 characters. See the lambing section for the initial use of "house" tags (Tip Tags or others).

If the tag that you wish to replace does not exist in the database of the PSION, you will receive an error message.

8.0 Weighing

This screen allows to weigh animals and to follow the evolution of their growth by the means of the ADG (Average daily gain), age or GenOvis performance criteria. The system keeps the last three weighings with their respective dates. If this data is available, the "Previous" button will turn from gray to black. You will have access to the 3 last weighings (if they exist) and with the 2 last ADG. This data is saved in the PSION or is imported from EweManage.



Obtaining ADG prior to saving the weight:

It is possible to know the ADG when a weighing is carried out, calculated from the preceding weighing if it exists. To do this:

1. Scan the tag
2. Enter weight (in kg)
3. Press the key "enter".

When pressing "enter" the calculation of the ADG is made from the preceding weighing, and this ADG is then displayed in the corresponding field.

The buttons "Abat." "Cust." and "Auc." allow to assign the animals to a final disposal during the weighing session. When this feature is used, it is not necessary to create a new disposal (sale) transaction because the latter will be created automatically.

When you assign a disposal status to an animal, the disposal screen is displayed and while clicking on "Save", the transaction is assigned consequently.

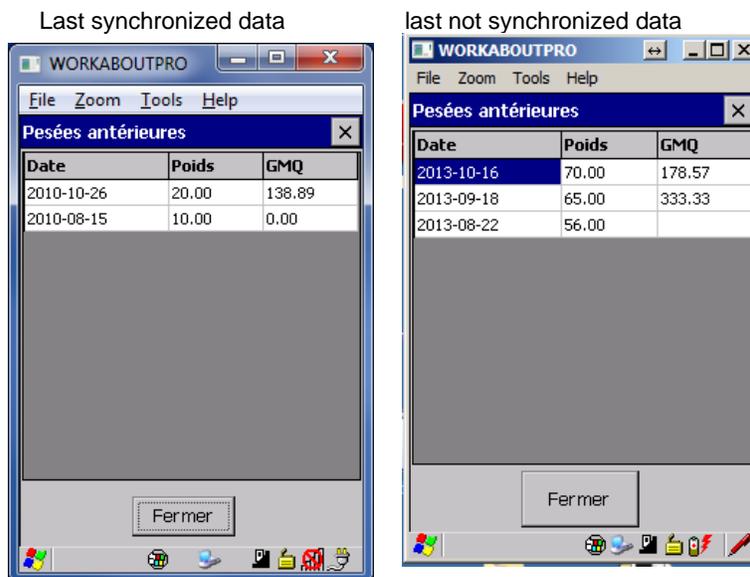
Note that you will be able to always manage these disposal (and the list) with the disposal (sales) function. Refer to the “Disposals” section.

# Ear Tag	RFID Tag of the animal to be weighed scanned direct or entered manually. This field is required to save the record.
Breed/Age	Indicate the breed of the animal and its age. This data is not modifiable (the breed comes from EweManage)
Previous. (weight and date)	<u>Left field:</u> weight <u>Field of right-hand side:</u> date of the last weighing
%MAT/CARC	For the subjects under GenOvis control, gives the posting of these values (%MAT on the left and %CARC on the right) in order to be able verify, during the weighings, the potential of the animal as reproducer
Sex and Born	Sex of the animal. In the event of a sex error, the sex can be changed, which will be changed later in EweManage upon weight confirmation. However, sex correction will not generate a correction in either the ATQ or CCIA database. You will have to initiate the changes yourselves. The field "Born" indicates the status of birth of the animal (single, twin, triplet etc...) and comes from EweManage. This field is not modifiable.
Group	This field indicates the group of the animal and allows of the reassign a new so desired group. The modifications will be registered with the record EweManage of the animal. See the specification of the button further
Type of weighing	Drop-down list for the choice of the type of weighing in progress. Five choices of values are proposed: Control, 50 days and 100 days for the animal weighings .This field is required to save the record.
Date	Calendar for the date of weighing. By default the current date is displayed.
Weighing / ADG	Field to record the weight of the animal in kilograms. This field is a prerequisite to save the information. Growth factor (Average daily gain) in grams between two consecutive weighings. This field also is read only. This value is calculated by pressing "Enter"
Remark	To enter any remark on an animal during the weighing. This remark will be recorded in the observation field of EweManage at weights confirmation time.

Animals read	Meter adding up the number of animals already weighed since last synchronization.
Previous	Button allowing to visualize the last 3 weights with their respective dates.
Return	Return to the main menu
Save	Save the current info.

8.1 Weighing previous ("previous" button)

This screen shows a history of the weighings and ADGs with the respective dates.



8.2 Function of the "Group" button in the weighing screen

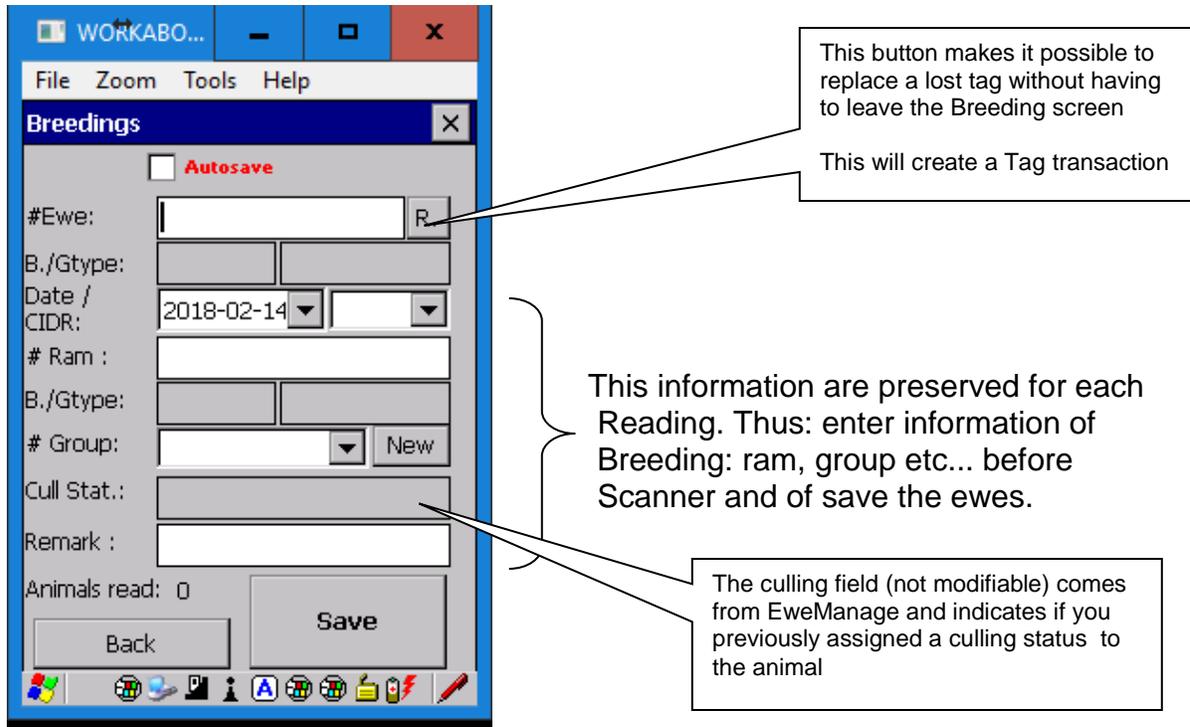
The "Group" button allows reassign all animals weighed in a session to a new group, independently from the current animal group.

When you use this function, ALL the weighed animals is in the session or in further sessions (if the preceding one were not synchronized) will be moved to the selected group.

To reset this function, you must synchronize your weights

9.0 Breedings

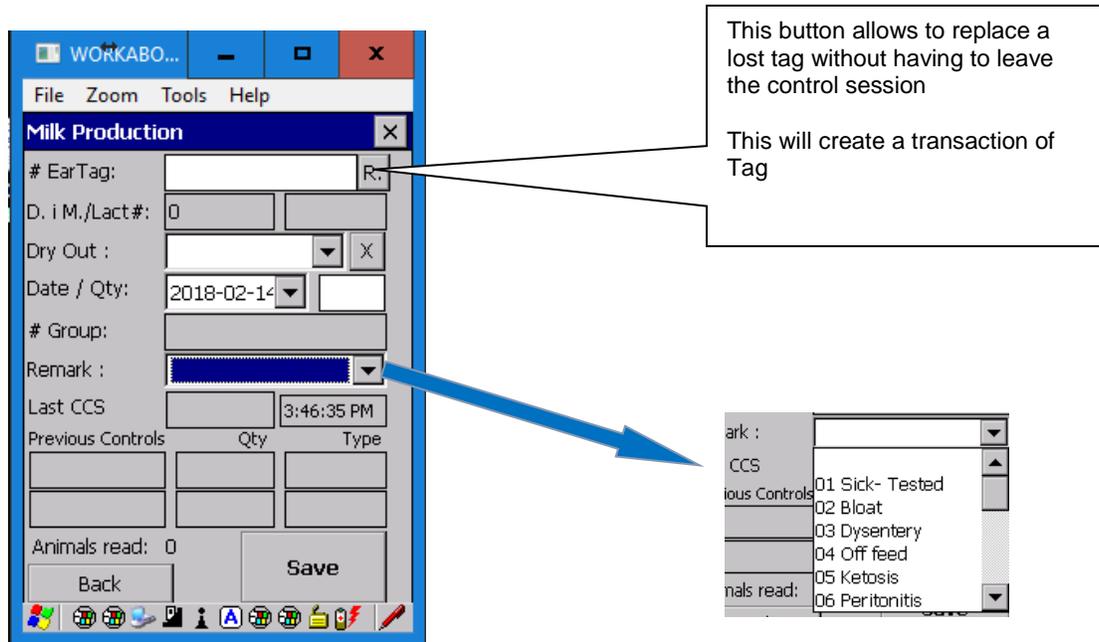
This screen is used to create breeding groups identifying a ram or a group of rams



Autosaving	When this box is checked, the data is saved automatically as soon as a tag is read, without the need to click the button "save". The mandatory data (Number of ram, of group, body condition and CIDR must have been completed, without what data will not be saved.
# Ewe	Tag RFID of the animal (ewe) for breeding, scanned or entered manually. This field is required to save the record.
R./Gtype	Field displaying the breed and the genotype (ewe - second line and ram - 5th line). This information is imported of EweManage and cannot be edited.

Date / CIDR	<p>Lef:Calendar for the selection of the breeding date. By default the current date is displayed.</p> <p>Right: CIDR installed or not</p> <p>Note: when you indicate "yes" to CIDR installation, the breeding date is the date when the CIDR is installed, not the date of the ram introduction in the group. The real date of breeding (or ram introduction) will be calculated according to the data set for in your EweManage farm profile upon confirming the breedings in EweManage</p>
# Ram	<p>Tag RFID of the ram of breeding scanned or entered manually. In future lambings, lambs born will have this ram as father and the ram field of the screen of lambing show this Tag number. This field is required to save the record.</p>
# Group	<p>Breeding group. One can also create a new group if required. This field is also required to save the record.</p>
New.	<p>Button for the creation of a new group.</p>
Cull Stat	<p>Indicate if a culling status has previously been assigned in EweManage. This field cannot be edited</p>
Remark	<p>A remark is used to enter who will be recorded with the file of the animal. The remark is not repeated for the other ewes read.</p>
Animals read	<p>Meter adding up the number of animals (ewe) being part of this group of breeding information.</p>
Return	<p>Return to the main menu</p>
Save	<p>Button to save the record.</p>

10.0 Milk controls screen (Milk)



# Ear Tag	Tag RFID of the animal (ewe) being controlled either scanned or entered manually. This field is required to save the record.
D.I.M./lact #	Left field: indicate the number of days in milk at the control date. The number of days is calculated starting from the last lambing date. Right field: lactation number as calculated by EweManage
Dry out	If the ewe must be dried up, to indicate the date which will be recorded. The button "X" on the right is used to cancel of a date entered by error
Group	Group of the ewe
Date/Quantity	Control date and Quantity of milk
Remark	Remark to be recorded in EweManage. The remarks are those standards compatible with Valacta
Last CCS	Last value of CCS imported from Valacta. The right-hand side field displays the current clock of the PSION
Prévious weighings	As described, comes either from the last readings, or of the importation of the data from EweManage
Animals read	Quantity of ewes controlled
Save	Save the data
Return	Return to the main menu

11.0 Treatments

This screen allows to manage the treatments made to the animals. The list of drugs is imported from EweManage.

Each registered treatment will be, after synchronization, recorded in the medical treatment history field of the animal and the periods of withdrawal for the treated animals will be automatically calculated according to the drug used.

The drop-down list of drugs and the associated mode of administration are imported from EweManage and cannot be edited in the mobile application.

Note: EweManage mobile does not calculate the dose, but provides dosage. The producer is responsible to weigh the animal under treatment and to calculate the suitable dose under the terms of the regulation of his veterinary surgeon.

When a treatment is in force, indicate "yes" to the box "in treatment" in order to find all animals in treatment on the PSION with an objective of carrying out follow-ups treatment in barn.

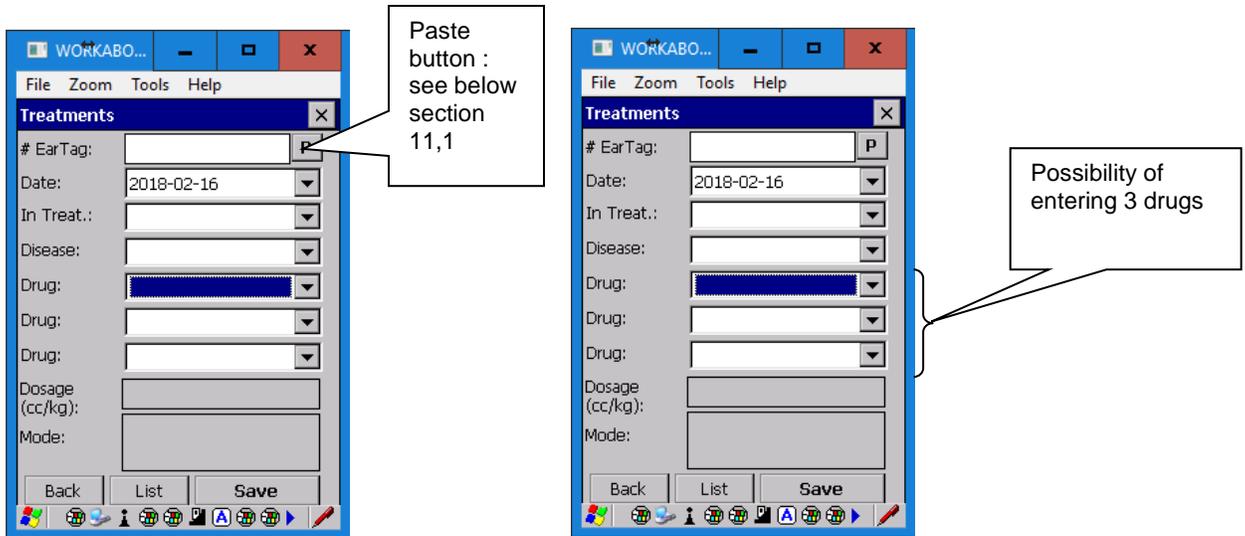
Note: during synchronization, the treatment is registered in the file of each animal, but the followup "In treatment" in EweManage is not active. This supposes that you follow the treatments in one or the other of 2 systems, not both, although the inscription is made in Ewemanage anyway.

The same way, if you create a new treatment in EweManage, it will not be transferred in the PSION for follow-up, but, the withdrawal date is always transferred to the PSION in all instances.

If you apply more than one treatment on the same date, the longest withdrawal period will be in effect.

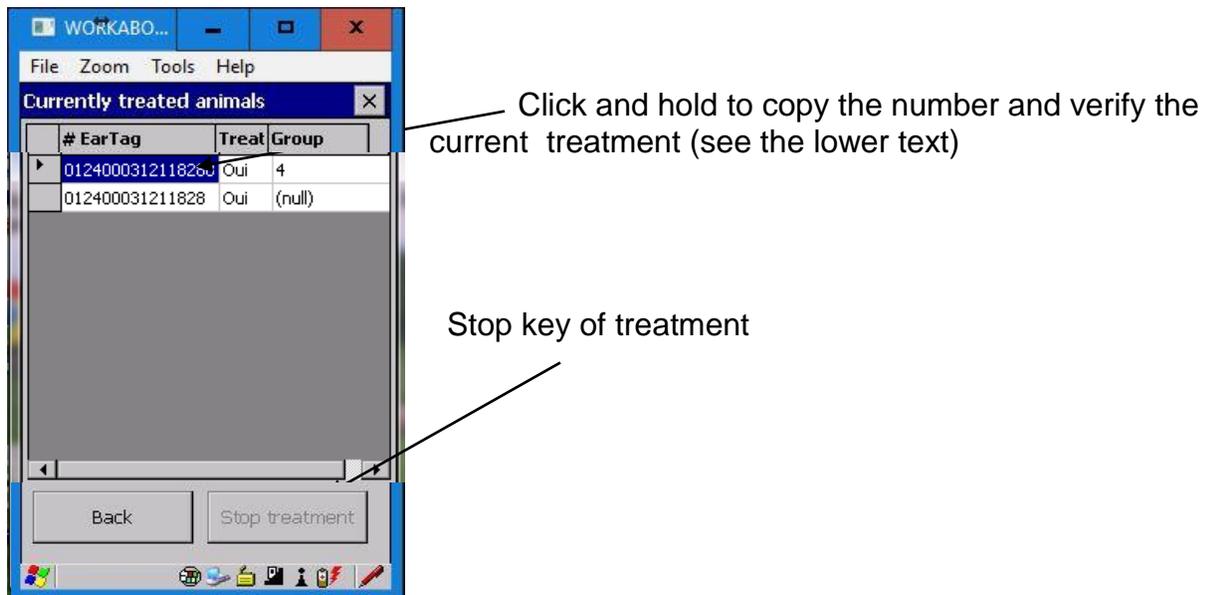
When a tag is read, EweManage Mobile indicates the last received treatment if this last was either read by the PSION or imported from EweManage. This treatment can then be changed and the field "in treatment" can be activated to indicate a new treatment.

Note: EweManage allows to record up to 3 different treatments at one time.



Date	Treatment start date
In treatment	Status of the treatment
Disease	Description of the symptoms. This list comes from EweManage and is modifiable only in EweManage in the drop-down lists of the diseases applicable to your farm
Drug	The drop-down list comes from EweManage and is not modifiable in EweManage Mobile. You can enter only one or up to three different medications
Dosage	Also comes from the Pharmacy of EweManage. This indication is the amount and not the dose that you must calculate from the dosage and the weight of the animal
Mode	Mode and frequency of injection or application, according to the drop-down list coming from EweManage
List	Button giving access the list of the animals under treatment. The function of list makes it possible thereafter to stop a treatment.
Return	Return to the main menu
Save	save the information.

Important note: when the treatments are transferred in EweManage, EweManage calculates the date of withdrawal which will be displayed in the disposal screen. When you re-import the information of the "active animals" of EweManage in the PSION, the release dates are then imported and will be displayed and will flicker with the screens of disposal if they are not passed.



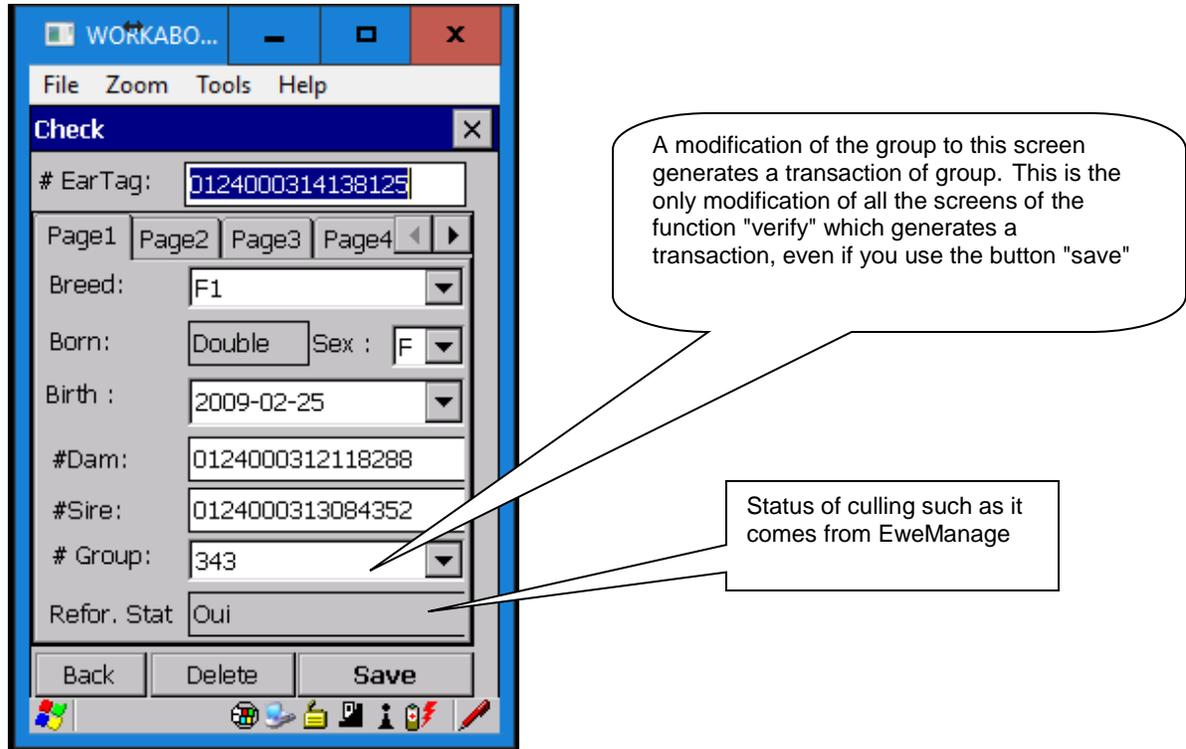
11.1 To verify a treatment

When you list the animals in treatment, you do not have the description of the treatment in progress, but only the status and the group. To verify the type of treatment (drug used and administration mode), it is necessary to copy the tag number in the field "Tag number" of the previous screen (or to scan the animal as required):

1. In the "list" screen, click on the required tag number and hold until "Copy" appears.
2. Click "Copy "
3. Return to the treatments screen using the return button.
4. Position the cursor in the # ear tag field and click on "P" (paste) on the right of the field. The tag will be copied in the box and the description of the treatment will appear with the screen

12.0 Verify

This screen allows to verify the status of an animal in barn, simply by scanning a tag



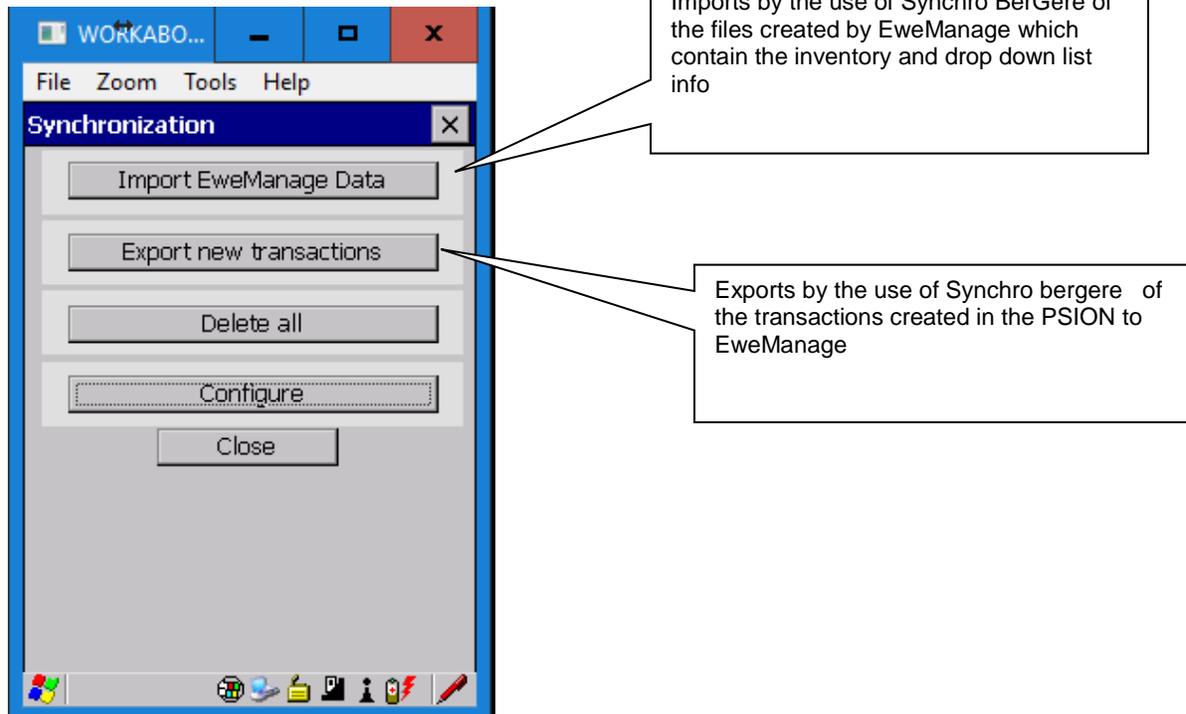
# Ear Tag	Scanned RFID Tag for which info is required.
Breed	Breed of the animal. (see note 1)
Sex	Sex of the animal. Male (M) or female (F). (see note 1)
Born	Indicate the status of birth of the animal. Not modifiable and imported from EweManage
Date of birth	Date of birth so known. (see note 1)
# Ewe	RFID Tag of the Dam if it is known.
# Ram	RFID Tag of the Sire if it is known.
# Group	Group. This field is modifiable. This field is the only one which when modified created a transaction (of change of group) for export.
Natural M.(page 2)	Indicate the natural mother of the animal. Not modifiable and imported of EweManage
Page 2: Disposal	Drop-down list for the choice of the type of disposal. This field can be modified. (see note 1)
Page 2: Date disp.	Date of disposal. This field can be edited. (see note 1)
Page 2: # Site	Premises ID of the animal. This field can be edited.. (see note 1)

Page 2: UltraS	Result of last pregnancy scan. This field is not modifiable
Page 2: UltraS date	Date of the scan.
Page 3: Genotype	Genotype of the animal such as envoy by EweManage.
Page 3: Remark	Contains the last 20 characters of the Comments fiels imported from EweManage
Page 3: Last weighing	Last weighing carried out on the animal. The weighing appears in this field only if it is not synchronized yet
Page 3: Date	Date of weighing
Page 3: Weight	Current weight of the animal if there were not of more recent weighing.
Page 3: Date	Date of weighing
Page 4: Ram (breeding)	It is the ram of breeding if a breeding activity was recorded
Page 4: Table of the lambs and birth dates	This table shows the lambs born of an ewe as well as its descendants in barn. Make changes, to the function "list" to the screen of lambing
Page 4: Breeding Date	Date of breeding. This field is not éditable there.
Page 5: history of lambing	Statistical data of the animal coming from EweManage. This screen is useful for decision-makings during lambing or of culling.
Page 6: Genovis	This page gives the 8 GenOvis key performance criteria. The data is imported from EweManage
Page 7: genovis milk	This page contains the data identical to the preceding page, but with the headings corresponding to the indicators for the dairy ewes
Delete	Button to delete the current record.
Return	Button of cancellation and return to the main menu
Save	Save moodifications

Note 1:

Although these fields can be changed and saved locally, except for the field of group, none the saved data will be exported to EweManage. The use of the buttons of modification is only for the users in stand alone mode (who do not use a flock management software)

13.Data

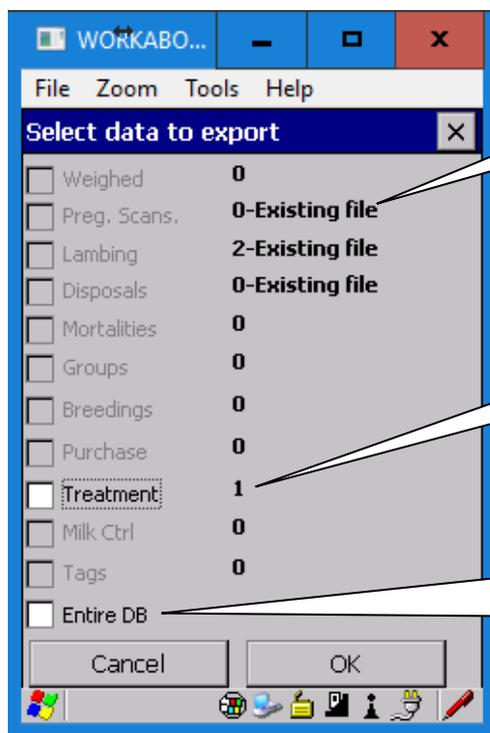


The button "Data" of the main menu provides access to the functions to prepare synchronization: creation of transaction files for the new transactions or read files created by EweManage to import data in the PSION. The data is transferred in .csv file type.

Note: When you click "Import EweManage Data", the application deletes the entire mobile database and replaces the information with the one contained in those files imported from EweManage.

<p>Import EweManage Data</p>	<p>Button allowing to import the inventories (active animals in EweManage) and the drop-down lists (value lists) from "EweManage". This data is mainly value lists: sites, breeds, groups, diseases. <i>Note : If you have transactions not yet exported in your PSION and you try to read the imported data of the files coming from EweManage, you will receive an error message and data will not be imported into the PSION. You must first export new transactions. This prevents overwriting the information contained in the PSION that is not synchronized yet</i></p>
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Export new transactions	Button allowing to export the scanned data (weighed, breedings, pregnancy scans, lambings,...) by the mobile. <i>Note (version 1.8 and more) If you have a transaction file which was prepared and not yet transferred (not synchronized) using SynchroBerGere, the message "File existing" is displayed in front of the transactions. At this time, the creation of a new transaction file will not be possible, preventing the overwriting of the already existing file</i>
Delete all	This button erases the entire database of the mobile including any transaction.
Configure	Allows to manage the lists and the operation of the electronic scales (see the section 13.3 further)
Close	Returns to main menu



A file of pregnancy scan transactions exists and was not transferred in the EweManage. Creation of a new transaction file is not available as long as the file is in place

Treatment transaction is ready to be transferred

Caution: The choice "Entire BD" does not transfer any transaction. It transfers only an image of the database for debugging purposes. No impact on the transactions

13.1 file types

Though the mobile application is bilingual, the files containing the various transactions still carry French names. Those were not translated since most of the time, you will not have to open these files as the application manages the whole process.

Prior to their synchronization (export to Ewemanage), those files are created in the "Flash disk/bergere/transactions" directory of the PSION. Once transferred to

the Bergèremobile_R directory of your EweManage application, they are deleted from the above directory

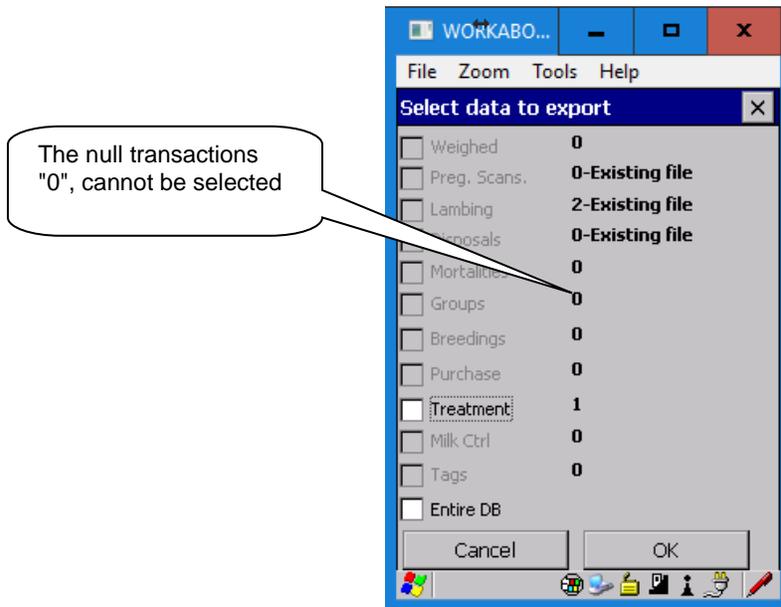
That being said, the following is a list of the file names and their use:

File Name	Transaction type	Description
Pesee.csv	Weight	Contains data of the weighing sessions
Echos.csv	Pregnancy scans	Contains the data of all preg, scans transactions
Agnelages.csv	Lambings	Contains all new born lambs along with recorded Stillborns
Dispositions.csv	Disposals	All disposals to Auction, abattoir of sold or culled animals as well animals sold as replacement
Mortalités.csv	Mortalities	Transaction information of dead animals
Groupes.csv	Groups	All group changes transactions
Saillies.csv	Breedings	All new breeding groups transactions
Achats.csv	Purchase	All new purchases
Sions.csv	Treatments	All new treatments transactions
Lait.csv	Milk Controls	All new mlk controls
Boucles.csv	Tags	All tags replacements, NID or changes from a house tag to an official tag

Note: If you want to read the information contained in either of these files, do not use “Excel” to open the .CSV type files. Always use “notes” or “Notepad”.

13.1 Selection of the data of transaction to be exported

This screen allows to select the data which one wants to export to EweManage.

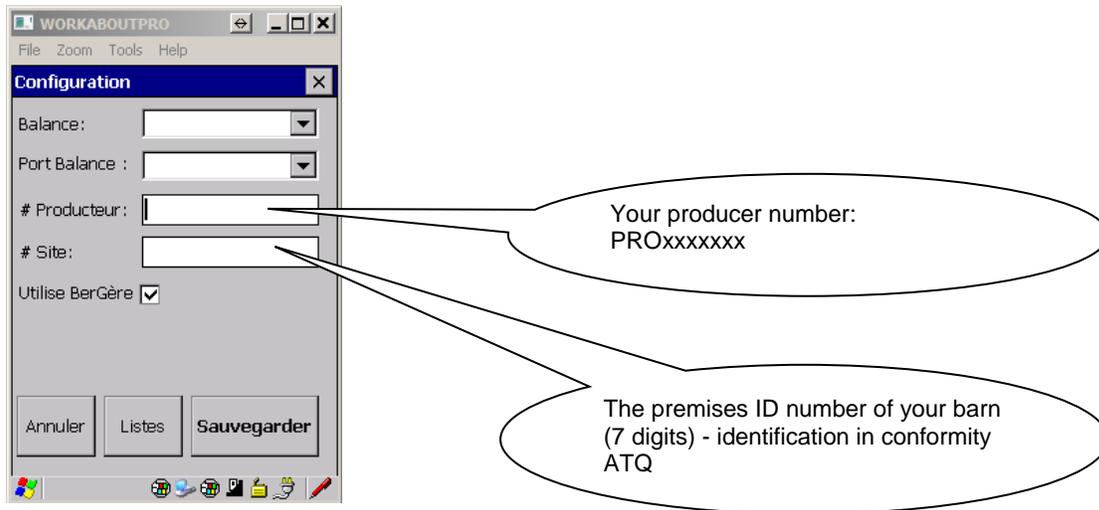


Entire DB

The choice of "Entire DB" does not mean all the transactions. By clicking this box, you transfer to EweManage a file named bd.csv allowing to verify the data of the PSION with EweManage.

13.3 Configuration

This screen allows to record the system requirements parameters.
 (Note: this information is not mandatory)



Scale	Field of identification of the scale for the weighings a maximum length of 25 alphanumeric. At present only the scale TruTest scales are compatible with the PSION for the automatic capture of the readings of weighing.
# Producer	Field of identification of the producer a maximum length of 25 alphanumeric. This filed is not mandatory
Scale Port	Is used to select the port on which the PSION will establish connectivity with the scale. The name of the port is defined during the activation of the functionality bluetooth of the PSION explained to section 13.4.2
# Site (Premises ID)	Field of identification for the premises ID number of the producer a maximum length of 7 characters numbers.
Lists	Button giving access the management of the drop down lists: sites, breeds and groups. It is possible to add and remove elements on each one of these lists.
Return	Return to the main menu
Save	Save the info..

13.4 TruTest scale configuration

EweManage Mobile allows to receive the weights of the following scales automatically: TruTest XR3000BT; TruTest EZIweigh7 and XR5000 are:

- In the weighing screen
- In the disposal screen (sales)

It is necessary "to couple" the scale in bluetooth mode and the PSION in the same mode. Three steps are required:

- 1) Configure the scale (to be made only once)
- 2) Configure bluetooth on the PSION (to be made once)
- 3) In the configuration screen: indicate that one wants to make use of the scale (see note on this subject in section 13.4.3)

13.4.1 Bluetooth configuration of scale XR3000BT

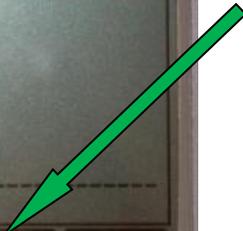
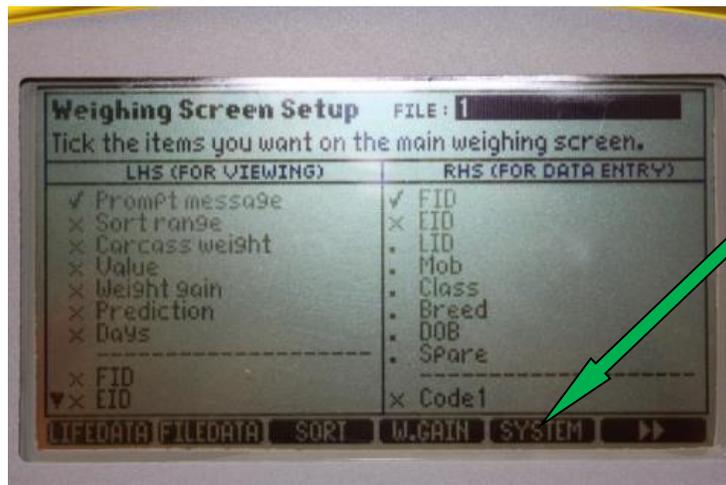
Follow the following stages to configure the scale. This must be done prior to configuring bluetooth of the mobile (PSION):

- 1) Power the device and click the button "set Up"

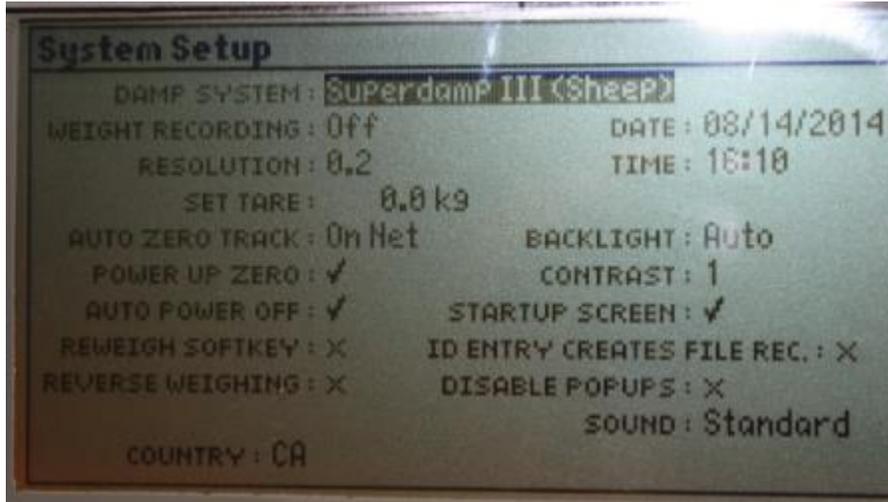


Button "set up" of access to the configuration

- 2) Click then on the button at the bottom of "system" for the general configuration



- 3) Make sure that the parameters are as shown on the following image



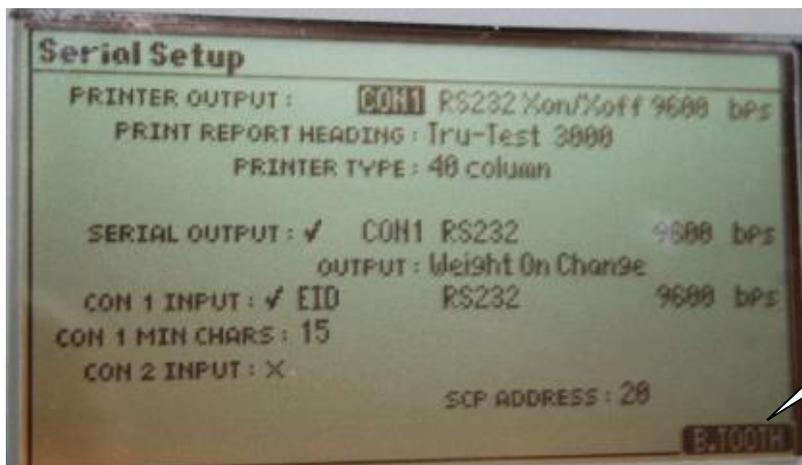
- 4) Using the button of navigation, turn over to the screen allowing to click on the button "Serial"



Button "serial"

Button of navigation

- 5) In configuration series screen, make sure that the parameters are as illustrated on the following image and then click on the button "B.Tooth) at the bottom to have the proper bluetooth configuration for the XR3000:



Button to access the bluetooth configuration

- 6) Verify that the bluetooth configuration is as shown on the following image and modify as required:



1) Check the button bluetooth

2) It is not necessary to modify the address, this is adjusted automatically

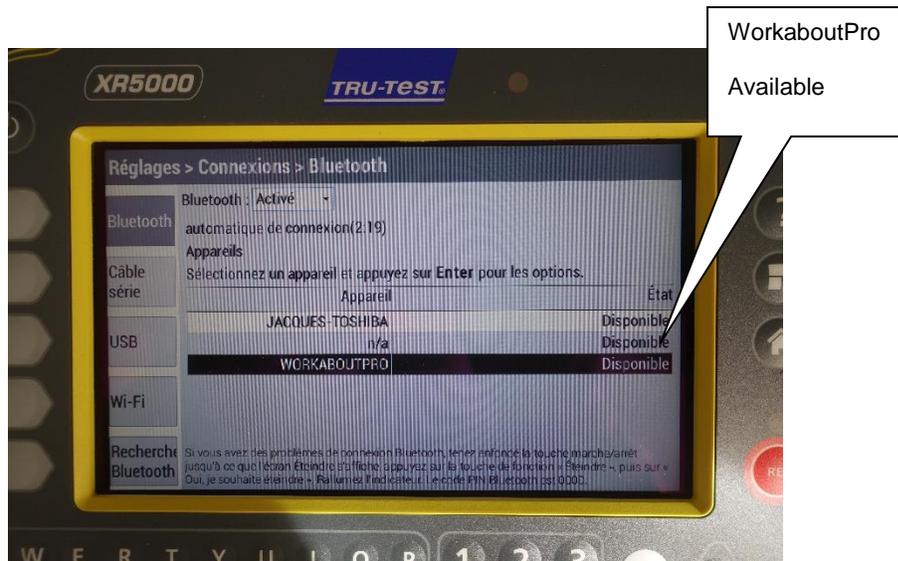
3) check (X) the "Bluetooth input" mode which should be by default

- 7) When you are finished, press the button "set up" of access to the configuration as for the stage 1) to turn over to the weighings screen. You are now ready to step to the following stage of configuration of the PSION for the coupling of bluetooth with the scale.

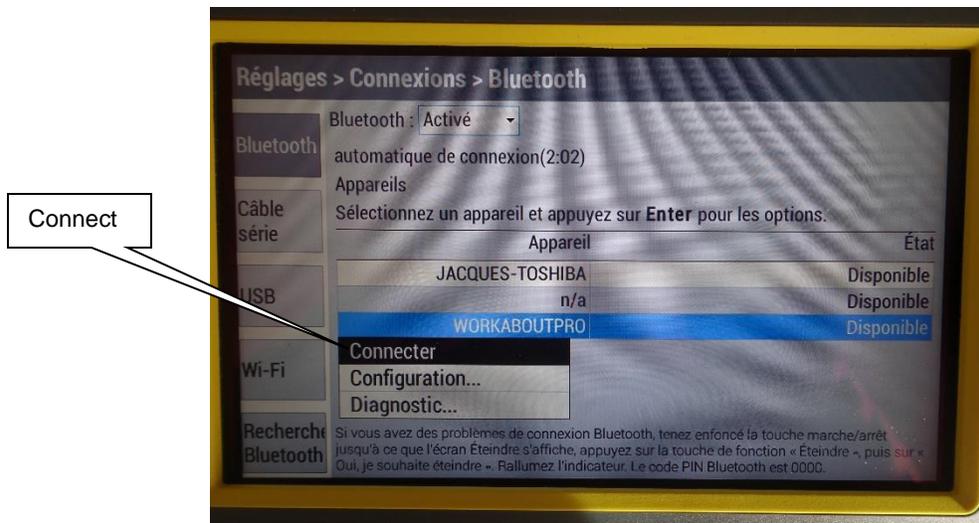


13.4.1 Connecting the Tru-Test XR5000

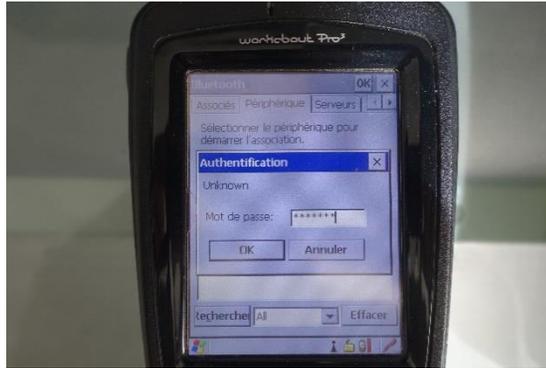
- 1) Access to the bluetooth configuration menu by the « settings» menu then “Connexions” and “Bluetooth” . The XRS will show the Workabout if that last one is powered and the Bluetooth mode active:



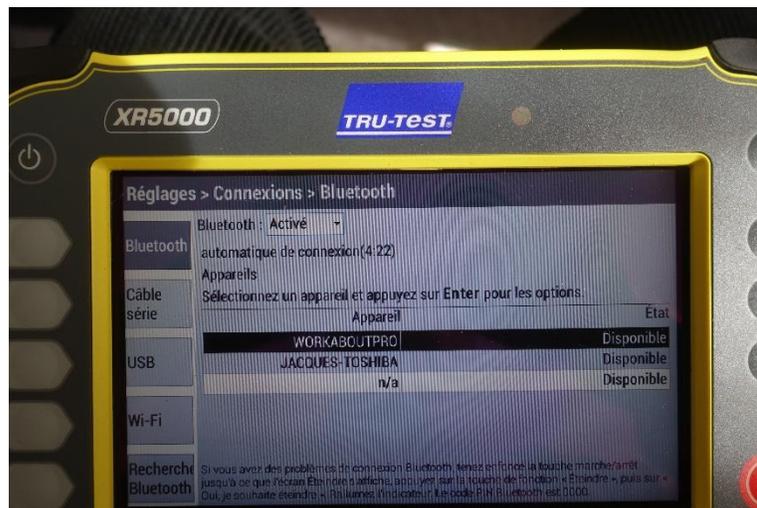
- 1) Click on « Connect »



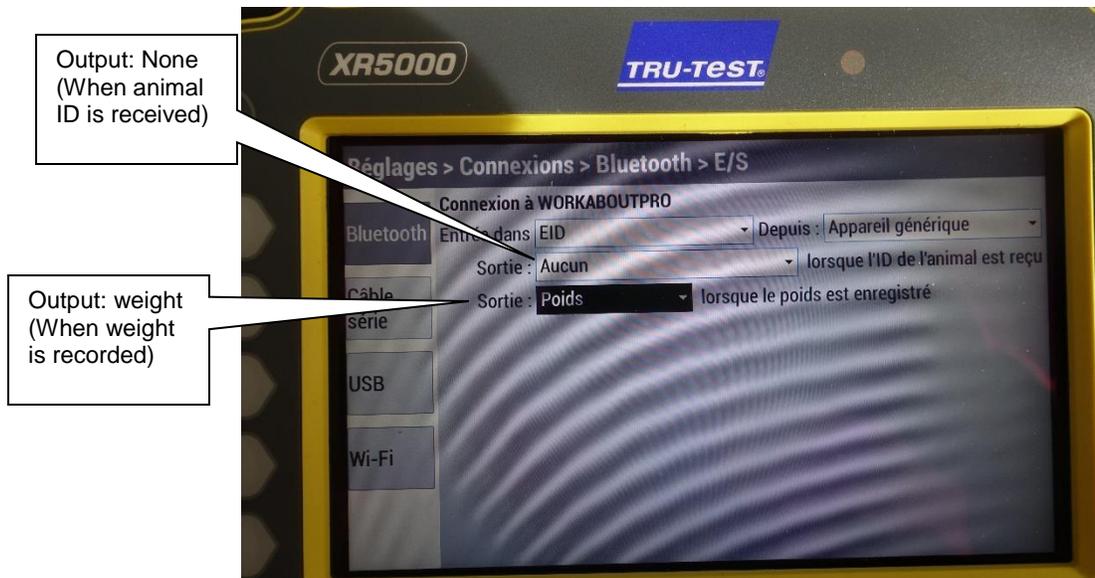
- 2) On the PSION, you will be asked to enter a connexion code. Enter « 0000 »



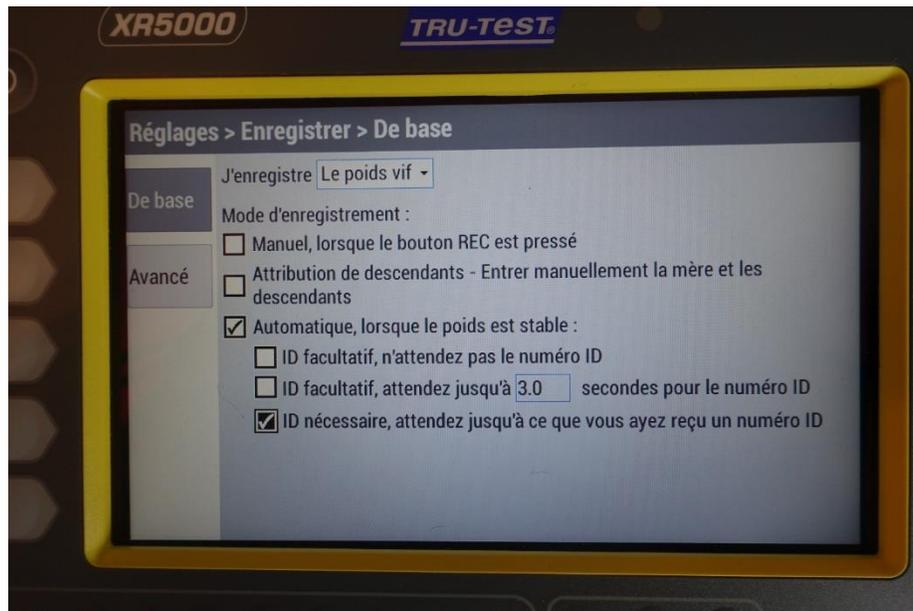
- 3) Follow the procedure in 13.4.2 of this manual
- 4) You must configure the COM port to send the weight to the PSION once the weight is stabilized. To do so, highlight « Workabout » on screen and « Enter » to the configuration screen.



- 5) Select « none » at the line stating « when the animal ID is received » and « Weight » at the line « When the weight is recorded » as in the following (french) screen..



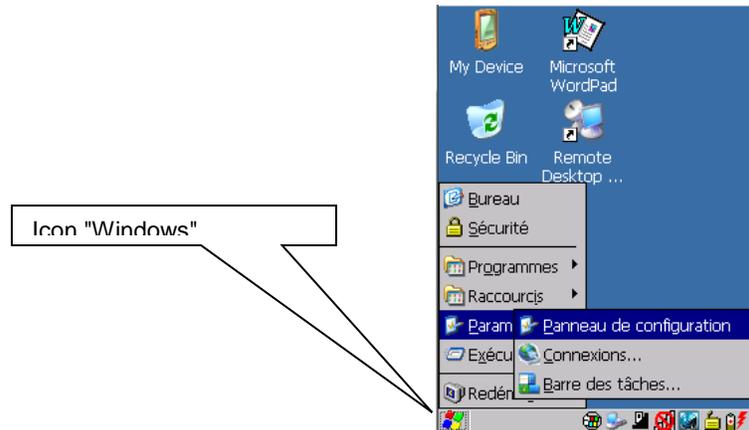
- 6) Finally, configure the recording settings of the scale head as follows :
(Settings, record, basic)
 - a. click « Automatic when the weight is stable”
 - b. and “ID required, wait until an ID number has been received”:



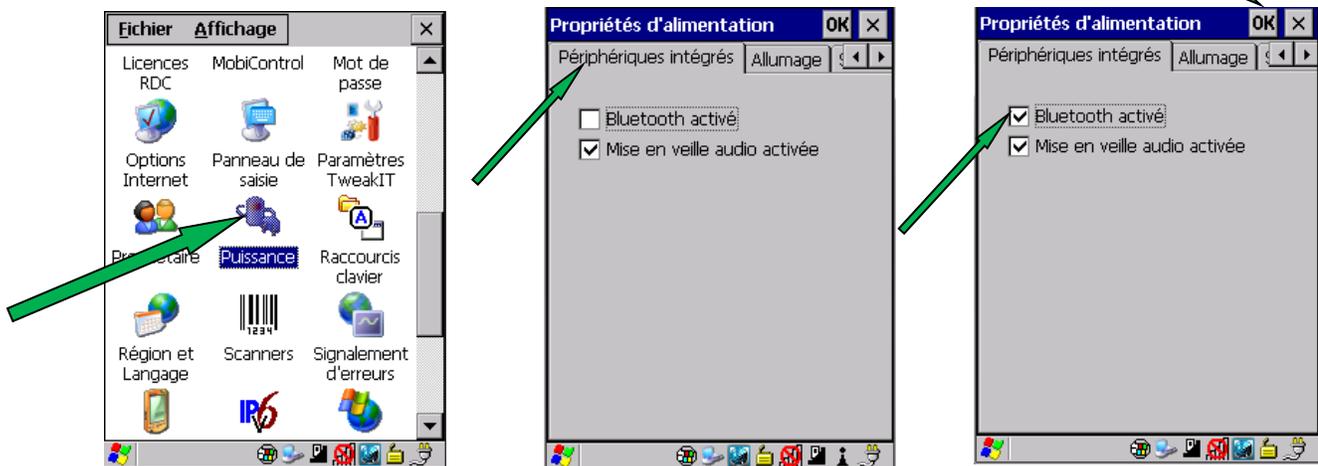
13.4.2 Bluetooth configuration on the mobile (PSION)

Follow the following stages to configure your mobile:

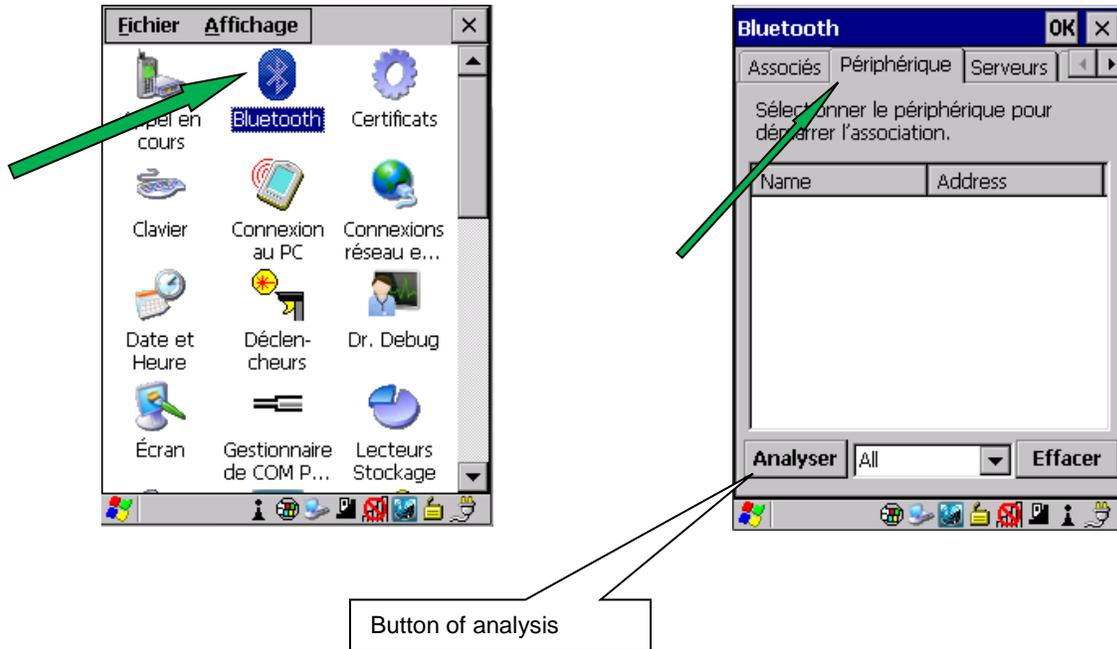
- 1) Close the applications and go on the "desktop" of the PSION. Click on the symbol "Windows" at the bottom of the screen on the left, then on "parameters" and "Control panel"



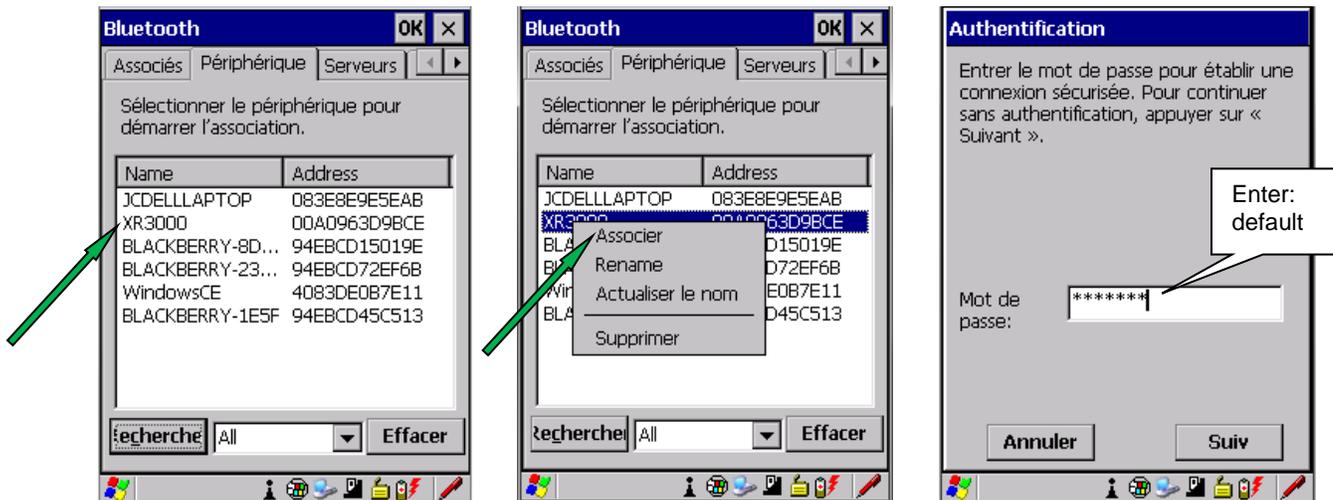
- 1) Reach the menu "Power" (double-click). Go to the tab "peripherals integrated" and click box "the active" and made "Bluetooth OK"



- 2) Still in the control panel, select the icon "Bluetooth" while double-clicking above and go to the miter "Peripherals".
Click on the button "Analyze" so that the mobile searches the equipment bluetooth to be coupled. The scale must be close to the PSION and lit

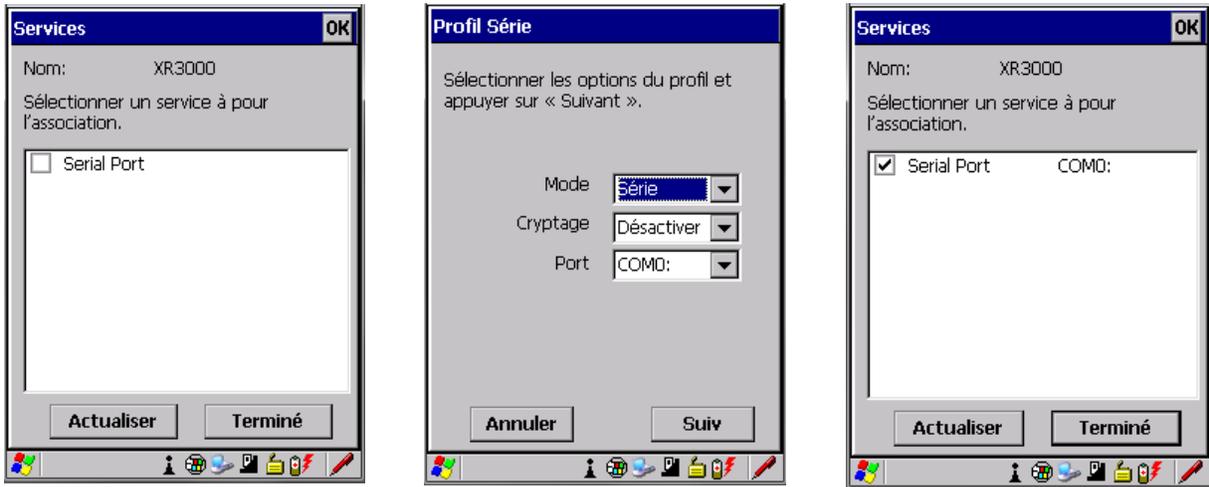


At this stage, after a few moments name of the scale should appear (it may be that there are other devices if you have of them others which have access bluetooth, but don't bother). Click on the scale name (ex: XR3000) and choose "Associate" on the menu which appears. The system will require a password of you. Enter "default" which is the password by default of Trutest and made "according to"

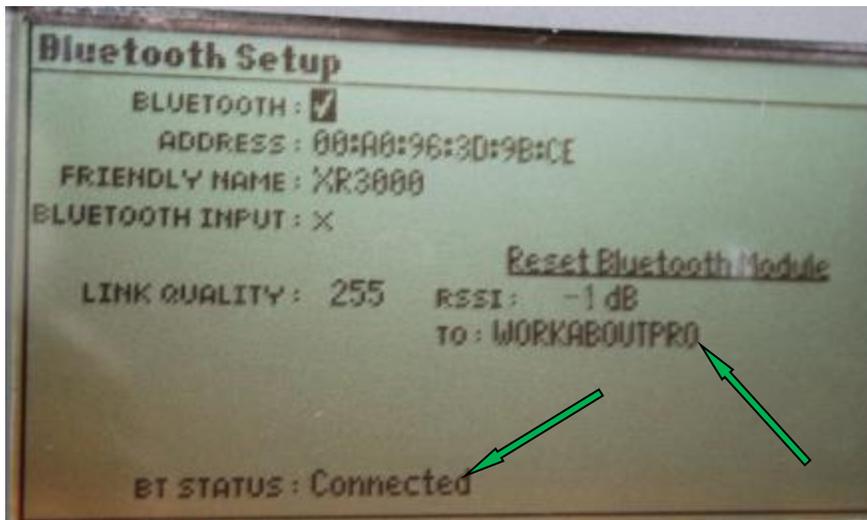


- 3) The mobile presents then the panel to you entitled "Services" for the selection of a port to supplement association or the coupling. Click the box "serial port" (do not click the button "To bring up to date") then the

"Finished" button. At the next screen, please make the selections of Mode=série, Cryptage=Désactiver and Port=Com0 (these values are usually the default values and would appear automatically). Note the name of the communications port which you will have to register with the section 13.4.3 then click the "next" button. The confirmation of your selection for the port series is displayed. Click the "finished" button and close the whole using "X" (or OK) in the upper right corner.



To activate connection, you must launch EweManage mobile, then to go to the weighing screen. You will hear a "beep" of confirming the coupling. If you access the Bluetooth configuration screen of the scale, you should see a confirmation of connection with Workabout (PSION):



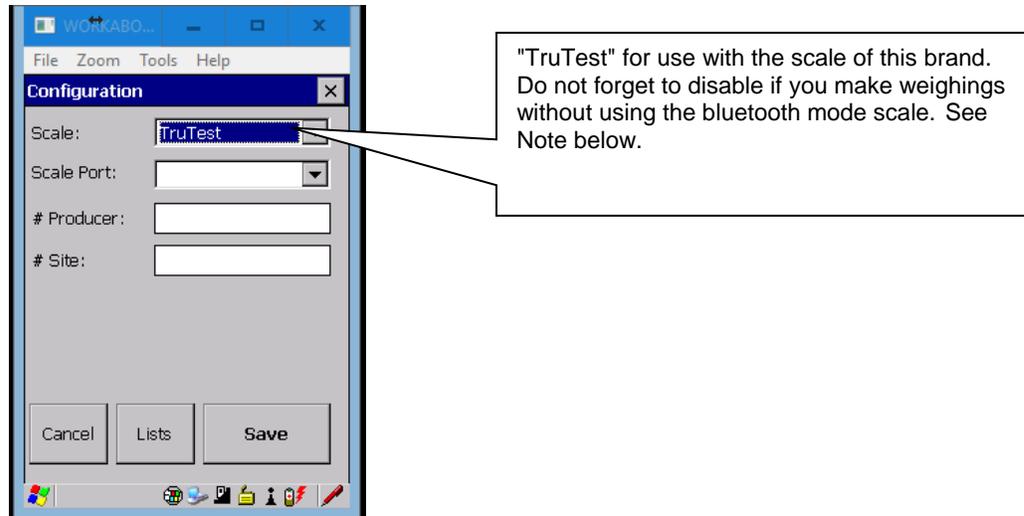
13.4.3 Configuration of EweManage Mobile to interface the scale

The last step is to indicate to EweManage Mobile to interface with the scale. To do this, you must activate the button "Data" of the main menu to reach the button "Configure".

At this screen, select

Scale: TruTest

Port scale: COM0 (or very other which will have been selected during activation of bluetooth of the PSION)



Note: At the time of the opening of the function of Weighing or disposal of sale, EweManage mobile emits an instruction with the scale for a bluetooth connection. If you have configured the interface with the scale, but that you do not make use of it within a session, you must choose to empty the field "scale" not to display TruTest otherwise you will receive an error message. You can reactivate the function at any time by after.

13.4.4 Recording weights from a coupled Bluetooth scale

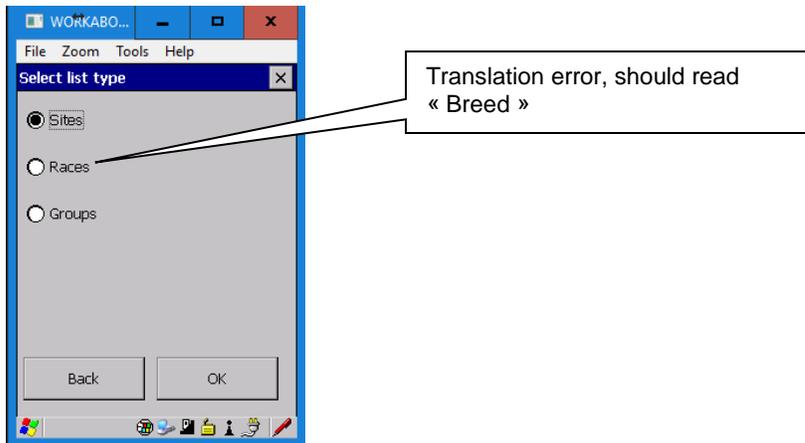
To use the automatic function of transfer of the weighings of the scale towards the PSION, proceed as follows:

- 1) If you use the screen of "Disposal" - "Sales", disable the function of autosaving. This is not applicable to the screen of weighing
- 2) When the animal enters the scale, scan the tag. Do not read the tag if the animal has not yet entered the scale.
- 3) When the weighing is stabilized the weight should be registered in the field of weighing. In the case of the screen of weighing, the calculation of the ADG is carried out.
- 4) Save click "safeguard" for the weighing and proceed to the following animal

Note: if the weighing is incorrect, erase the number of tag by leaving the cursor in the field of reading of tag and start again. The fact of reading the tag sends a signal to the scale to warn it to transmit the data of weighing.

13.5 Selection of list

This screen makes it possible to select the type of list to be modified. The screen allows not only the addition of values in the drop-down lists, but also edit or to remove the inappropriate values.



Sites	List of sites (Premises ID)
Breeds	List of breeds
Groups	List of groups
Return	return to the preceding screen.
OK	Confirm of selection.

By clicking OK, you will have access to manage the selected list

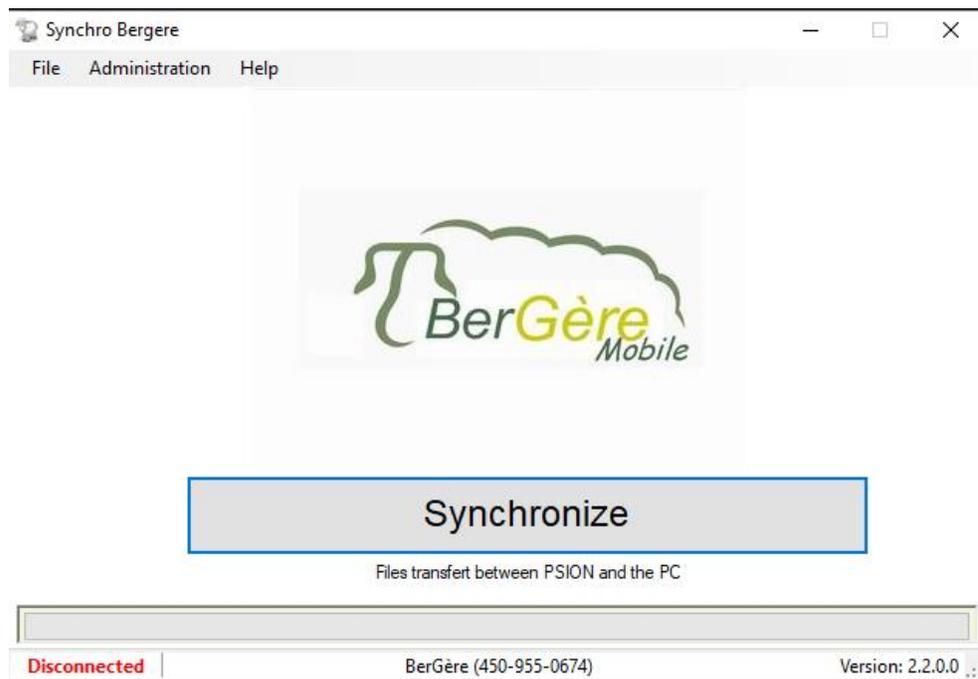
14.Synchronization with the PC - Synchrobergere (transfer of the files)

SynchroBerGère is the software installed on your PC that takes care of transferring the transaction files from the mobile to the PC and data files from EweManage to the mobile, all at once.

This program must be installed on the PC prior to connecting the mobile on its base. Once the communication is established (see message connected in the bar of the states) then it becomes possible to proceed with synchronization.

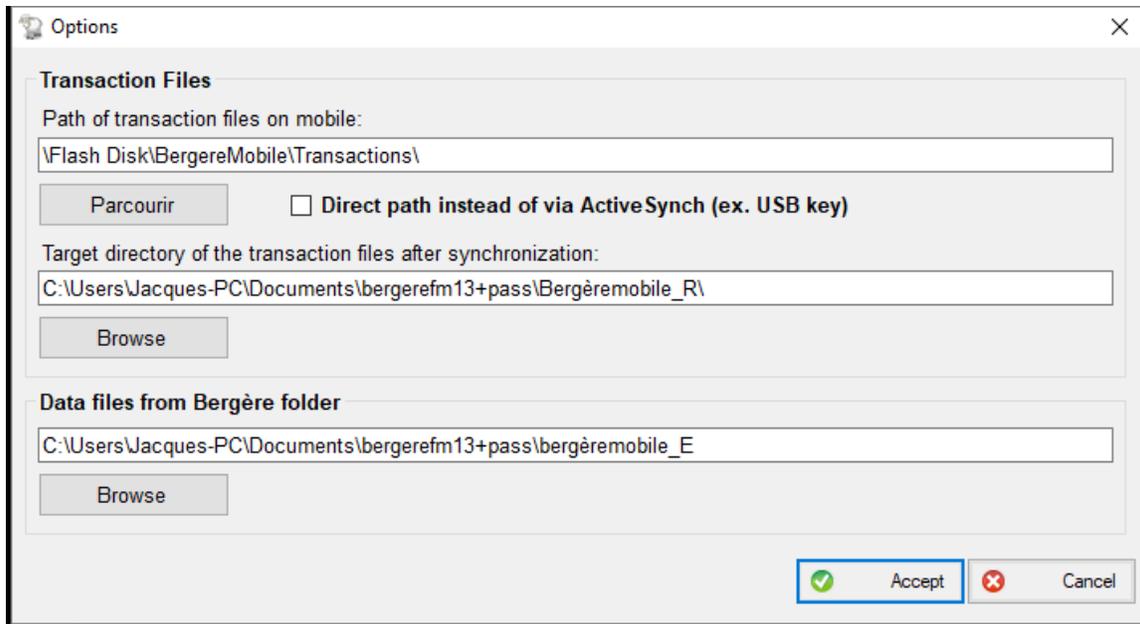
14.1 Steps to transfer files:

1. Connect the base (support) for the PSION to the PC using the USB cable provided
2. Start Synchrobergere.
3. With the PSION (off-line to the base), select "data", then "Export new transactions (or import if required) check the white boxes corresponding to the transactions you want to export, then press OK
4. The PSION answers: "the scanned data is now ready to be synchronized". click OK again: the files have been created
5. Insert the PSION in its base: after a few seconds, the line at the bottom of the screen of synchrobergere will indicate "connected"
6. Click on the bar "synchronize"
7. The data is transferred and will be indicated by the message of Synchrobergere

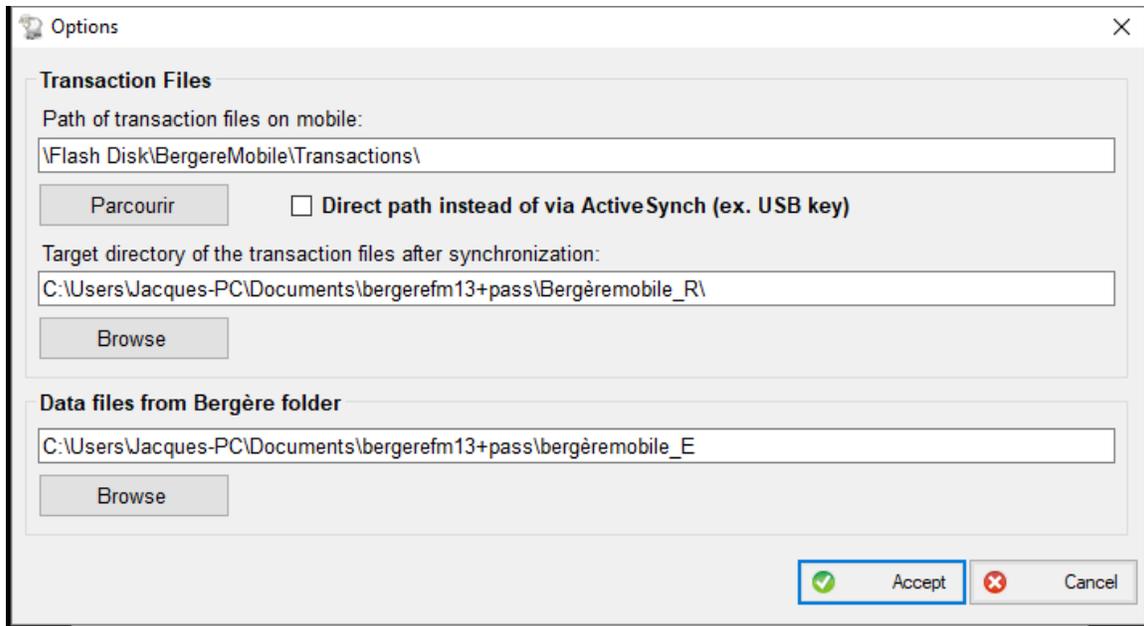


14.2 SynchroBergere configuration

The options of configuration allows to specify the directories where the files will be saved on the PC and where the PC will look for the transaction files on the mobile.



<p>First line = location of the transaction files on the mobile</p>	<p>This location is where the transactions files created by the export function of the PSION are located. (Pesee.csv, Saillies.csv,...) will be generated and ready to be copied from the PC.</p>
<p>Second line = Destination of the files of transaction after synchronization</p>	<p>It is the complete path directory on the PC where will be deposited the transactions files (Pesee.csv, Saillies.csv,...) created by the unit mobile. They will be later imported in the software "EweManage". Important note:</p> <ul style="list-style-type: none"> • for the users of EweManage, the destination of the files of transaction after synchronization must mandatorily be the directory "bergèremobile_R".
<p>Line three = Directory containing the files of references.</p>	<p>It is the complete path directory on the PC where are temporarily saved the files to export to the mobile unit (sites, groups, breeds,...).</p> <ul style="list-style-type: none"> • For the users of EweManage, the directory containing the files of reference must mandatorily be the directory "bergèremobile_E" contained in EweManage
<p>Accept</p>	<p>Save configuration parameters</p>
<p>Cancel</p>	<p>Cancellation and return to the main screen.</p>



Mandatory configuration of the directories for the users of EweManage:

The data files containing the transactions from the PSION and transferred to EweManage will be deposited in the Bergèremobile_R directory (for reception) of EweManage

The data files coming from EweManage and being exported towards the PSION will be deposited by EweManage in the Bergèremobile_E directory

The configuration of the paths of SynchroBergère must be made accordingly.

12.4 the “synchronization process”

Be it from the PC to the mobile, or from the mobile to the PC, the synchronization process is always a 3 step process:

- 1) Files containing the data to be transferred (from the PC to the mobile) or the new transactions (from the mobile to the PC) must be created. This is done by
 - a. Clicking “Export all” from the Workabout menu on the PC or
 - b. Clicking the appropriate transaction category on the mobile (section 13.1 of this guide)
- 2) Transfer the files from one device to the other: This is done using SynhroBerGère (section 14.1 of this guide)
- 3) Reading the information contained in the transferred files in either EweManage or in the mobile application

One can compare this process with a letter exchange between two individuals: First the letter has to be written, secondly, it is put in the mailbox and delivered in the receiving mailbox, and finally, the person at the other end has to read the letter...

