



Tru-test XRS Manual

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Sheepdata – Tru-Test XRS

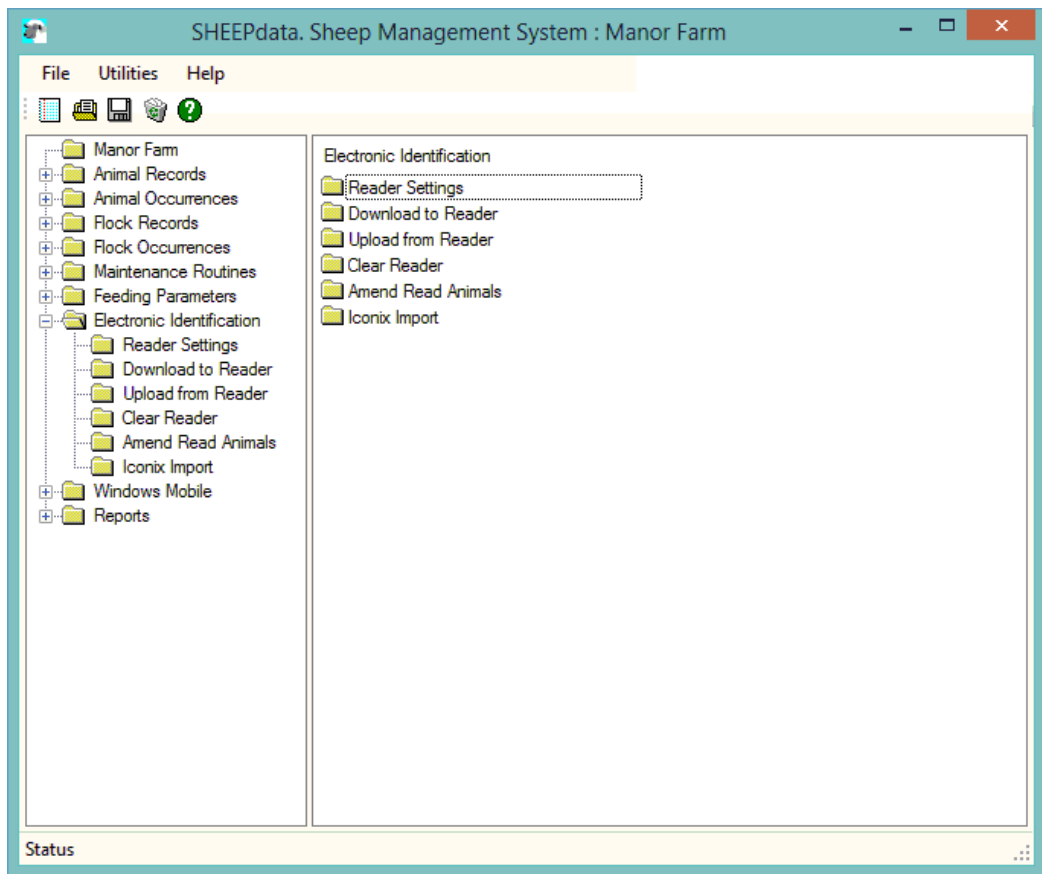
The object of this document is to explain the link and operation of the Tru-Test XRS Reader and Sheepdata. It is divided into three sections, each explained in a chapter.

1. Sheepdata Setup
2. Download to Reader
3. Upload from Reader
4. Using Readings in Occurrences

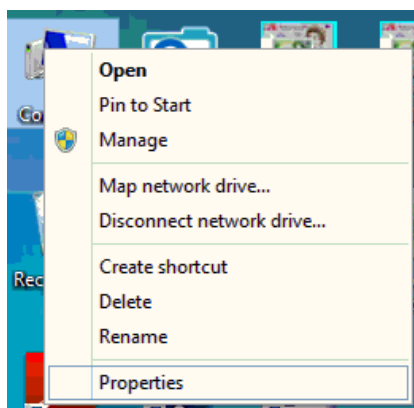
It is intended to be a guide to the main procedures you may wish to use with Sheepdata.

For detailed operation of the Tru-Test XRS reader please use in conjunction with the Tru-Test manual.

When Sheepdata has the EID Module enabled the menu options below become available. These enable communication with a range of readers.



The XRS communicates through a serial com port. This may require a USB/Serial port converter on some machines. This com port has be identified and set in sheepdata. To find the com port:-



Right Click on the Computer Icon on the screen or click on the Start button and right click on the Computer Icon.

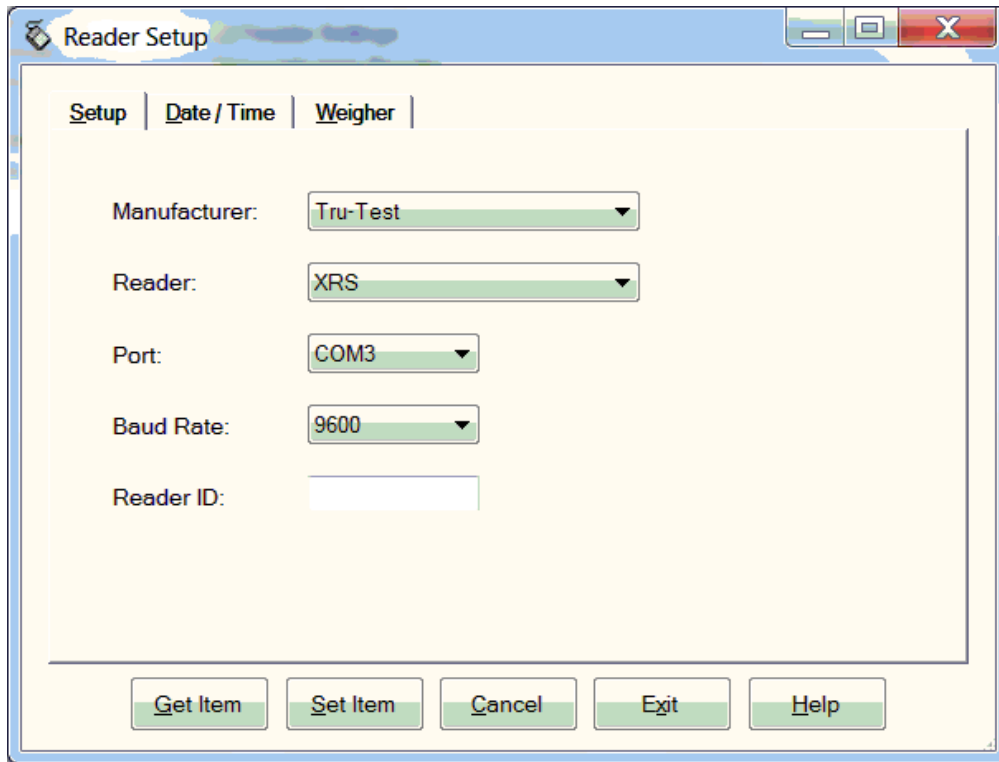
Click Properties.

Click Device Manager

Click on Ports

Note the Com No. of the XRS

- ▶ Memory technology devices
- ▶ Mice and other pointing devices
- ▶ Monitors
- ▶ Network adapters
- ▶ Other devices
- ▶ Ports (COM & LPT)
 - ▶ USB Serial Port (COM9)
- ▶ Print queues
- ▶ Processors
- ▶ Sensors
- ▶ Software devices



Manufacturer Set as Tru-Test

Reader Set as XRS

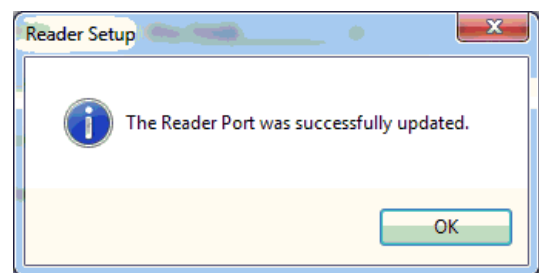
Port. Select the port from the drop-down.

Baud Rate Set as 9600

Reader ID When "Get Item" is used the reader connection is tested.

Click "Get Item" to check the connection. Reader must be switched on.

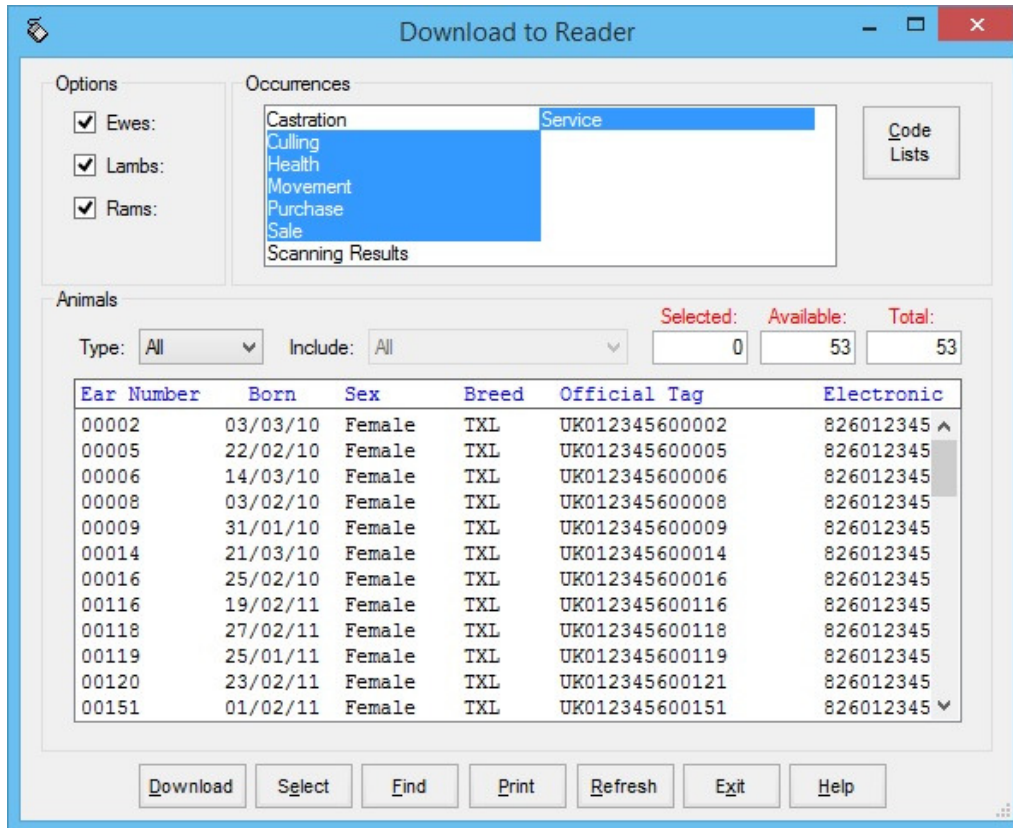
The screen on the right indicates a successful connection.



The XRS reader has the facility to record occurrences against tags as they are read. These occurrences can be downloaded onto the reader from the Electronic Identification option in Sheepdata.

If no occurrences are downloaded the readings come back with “Other” set as the occurrence. These can be used in any occurrence option in sheepdata.

Select the Download to Reader option.



Select the animals to be downloaded. This transfers the UK and Ear Number to the reader. When read, the Ear Number is shown on the reader.

Select the Occurrences you want to record on the reader.

Click Download and the data is transferred to the reader.

To record the occurrence on the reader.

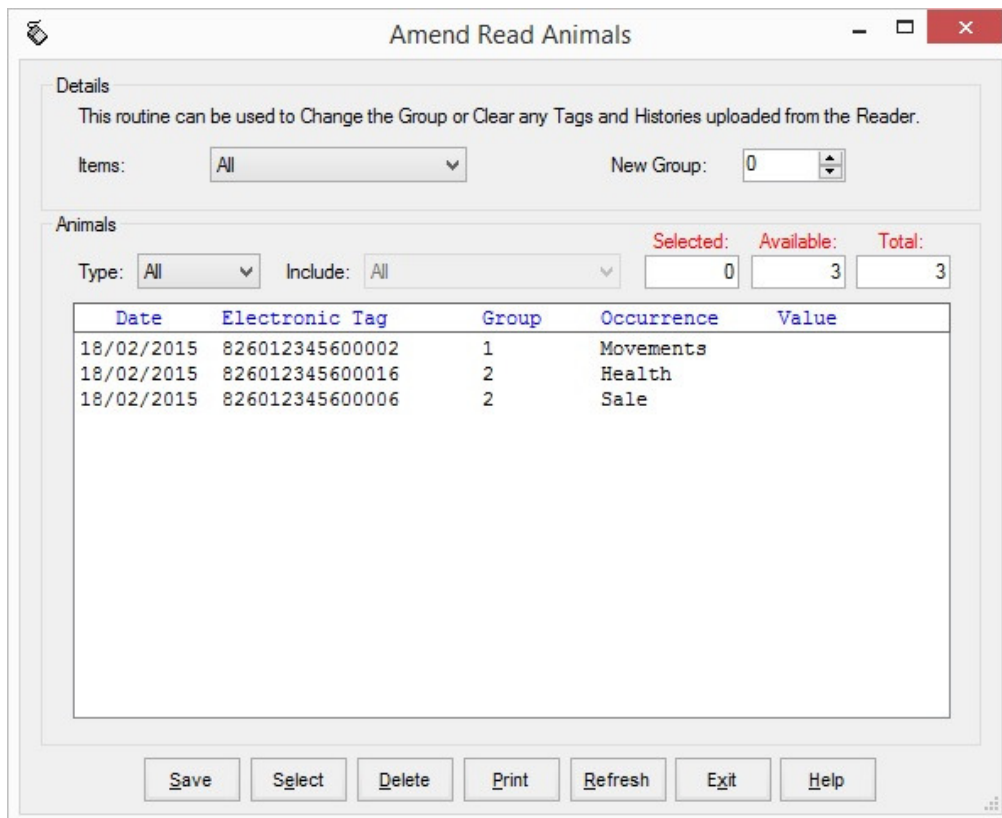
Click the large button to start reading.

Once read click the small button to cycle through occurrences to the required one.

Read the next tag and repeat.



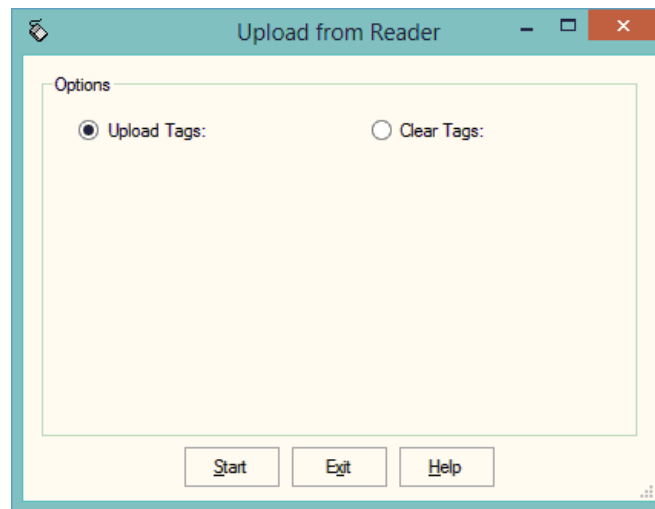
On upload the occurrences are recorded against the numbers.



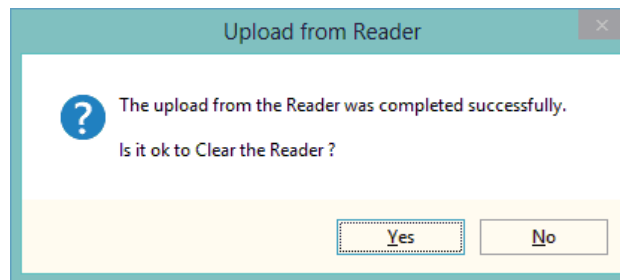
The animals will be available in the appropriate occurrence routine.

3.1 Upload from Reader

This transfers the information recorded on the XRS back to the PC.



- 1 Upload Tags - Click Start to transfer data from the reader to the PC.



If you wish to clear the recorded data from the reader click Yes.

- 2 Clear Tags – Will clear the recorded data from the reader. Take care that you have transferred all the data you need before doing this.

The recordings are imported into a holding section of the program. They stay in this holding section until they are used in an occurrence routine.

To check or amend the data in the holding section go to Amend Read Animals.

4.1 Amend Read Animals

Imported reader data can be checked here.

Amend Read Animals

Details
This routine can be used to Change the Group or Clear any Tags and Histories uploaded from the Reader.

Items: All New Group: 0

Animals
Type: All Location: All Selected: 0 Available: 34 Total: 34

Date	Electronic Tag	Group	Occurrence	Value
01/12/2012	826012345600002	2	Other	
01/12/2012	826012345600006	2	Other	
01/12/2012	826012345600013	2	Other	
01/12/2012	826012345600016	2	Other	
01/12/2012	826024422000718	2	Other	
01/12/2012	826024422000720	2	Other	
01/12/2012	826024422000724	2	Other	
01/12/2012	826024422000748	2	Other	
01/12/2012	982000001071589	2	Other	
01/12/2012	982000001071699	2	Other	
01/12/2012	982000152202768	2	Other	
16/01/2013	826024422000706	4	Other	
16/01/2013	826024422000724	4	Other	
16/01/2013	826024422000744	4	Other	
16/01/2013	826024422000728	4	Other	

Save Delete Select Refresh Exit Help

The recordings are shown in the order in which they were read.

The Group separates the lots as read on the reader.

Groups can be changed by selecting the required animals, changing the number in New Group and saving.

New Tag - Tags which are not recognised as already in the system are labelled as "New Tag".

Where occurrences have been recorded against the tags these will be shown.

Any errors or unwanted readings can be highlighted and deleted.

Numbers are removed from amend read animals when they are used in the relevant occurrence.

Occurrences recorded on the reader should be imported into the records in the appropriate occurrence routine.

Go into the required occurrence.

Set the Details for this batch of tags.

Select Reader in Type. In Location you can select a Group from the reader.

The tags will be shown in the screen. Click Select to select all the animals. Remove the tick in include in any you don't want to record.

Click Save and the records will be updated.