

*Stand by what you sell*

# How to do a PIC reconciliation

ISC Webinar – Thursday 8 September 2022

Presenters: Elizabeth Bradley and George Basha

PRESENTED BY:



*Stand by what you sell*



# Today's agenda

- The role of the Integrity Systems Company
- The importance of the red meat integrity system
- The What, When, Why and How of PIC reconciliation
- Live demonstration
- Situations you might encounter
- Resources and Q&A



# This session's core focus is on PIC Reconciliation

In addition to demonstrating a PIC reconciliation, we'll cover:

- What to do if there are animals on your property that are not yours
- How to handle spare tags still in the bag
- Handling large numbers of stock in the database

*Instructions on other database actions will be included in the post-webinar email.*



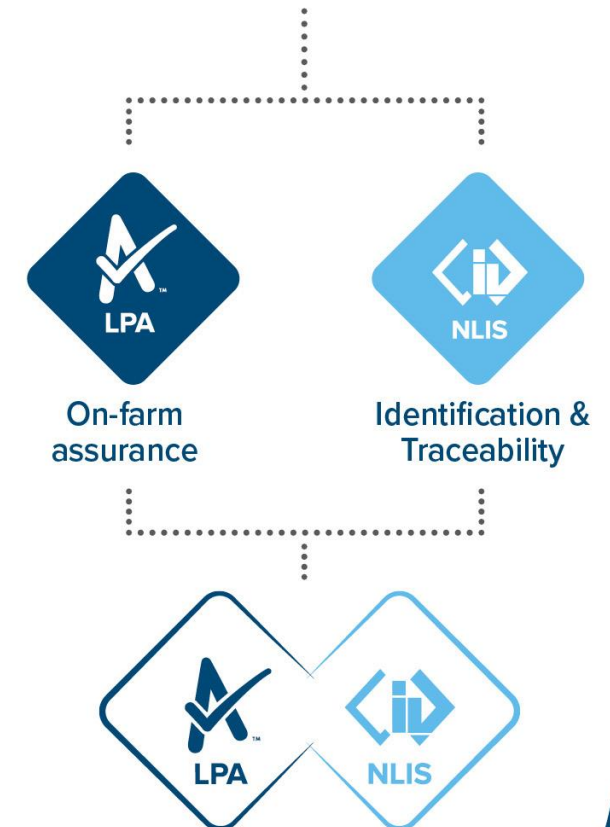
# ISC and the red meat integrity system

## ISC MANAGES AND DELIVERS AUSTRALIA'S RED MEAT INTEGRITY SYSTEM THAT:

- **Ensures** Australian red meat is safe to eat and fully traceable
- **Provides** on-farm assurance, animal identification and traceability from paddock to plate
- **Underpins** the livestock selling system, giving confidence to buyers, retailers and consumers.

## Integrity Systems

red meat customer assurance





# Why it's so important!

Consumer groups rate fast-food chains on their use of beef produced with antibiotics

Defra plans to introduce new system to record livestock movements by next September

## Mad cow disease UK:

Could mad cow disease come back?  
What are the symptoms?

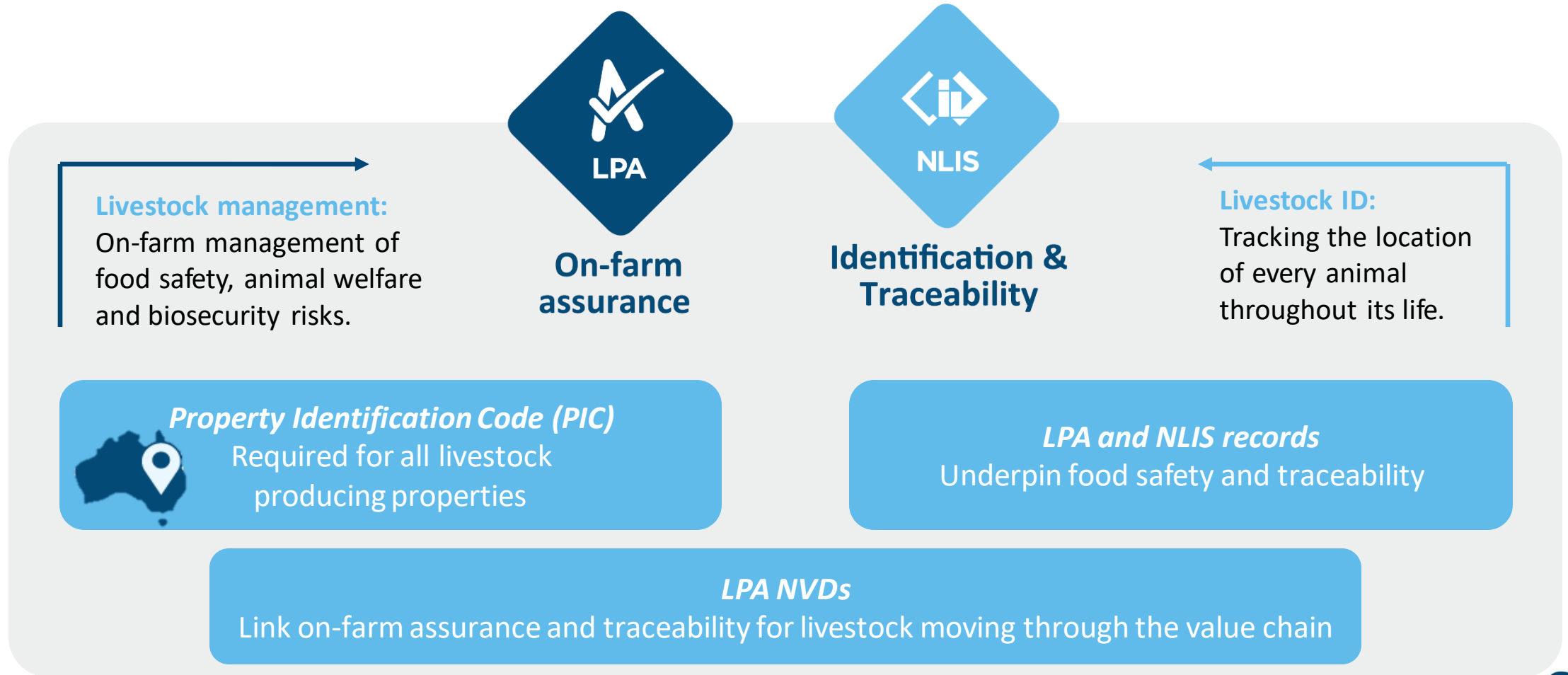
Race for African swine fever vaccine as disease kills estimated 200 million pigs globally

New foot-and-mouth disease case confirmed in Limpopo

We all have a role to play to stand by what we sell



# Two programs underpin **food safety** and **traceability** on-farm



# NLIS



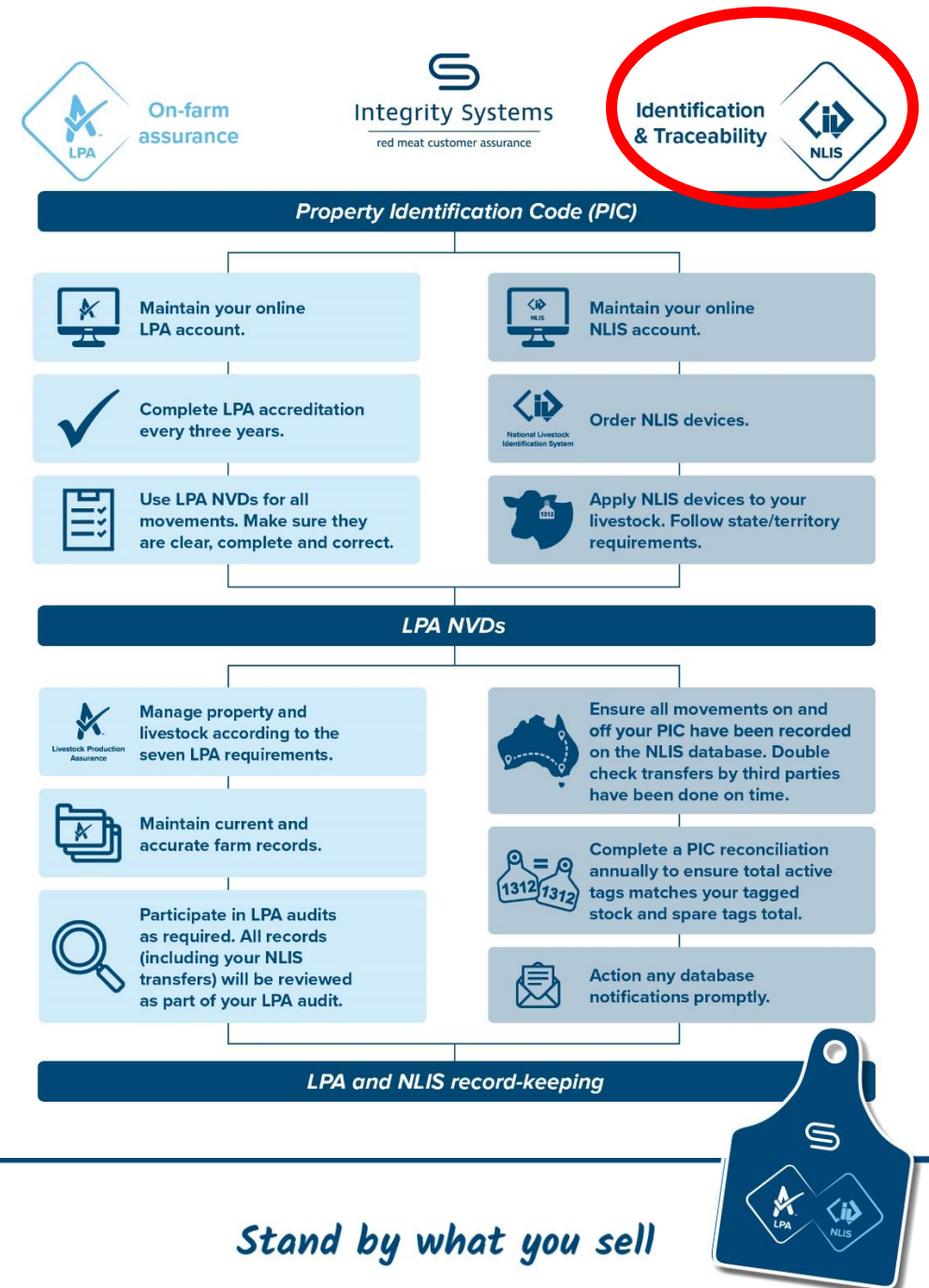
NLIS combines three elements to enable the lifetime traceability of animals.

1. All physical locations are identified by means of a Property Identification Code (PIC)
2. All livestock are identified by a NLIS visual or electronic identification device (EID)
3. All livestock location data and movements are recorded in the NLIS database



# NLIS – what producers need to do

- Keep your online NLIS account details up-to-date
- Order and use NLIS tags for every animal on your PIC
- Record movements of livestock in the NLIS database. **The database must be updated within 48 hours of stock coming onto your PIC, even if they come from another PIC you own.**
- Regularly compare your records to the NLIS database to ensure transfers are completed
- PIC Reconciliation. If ISC emails you about these, investigate the error.





# Key actions on the database

There's a range of reports and functions in the database:

- Move livestock onto or off a PIC
- Check transfers completed
  - upload ID
- Check active devices on PIC
- Correct a transfer error
- Run reports
- Complete a PIC reconciliation

Which livestock do you want to work with?

I want to work with

What do you want to do today?

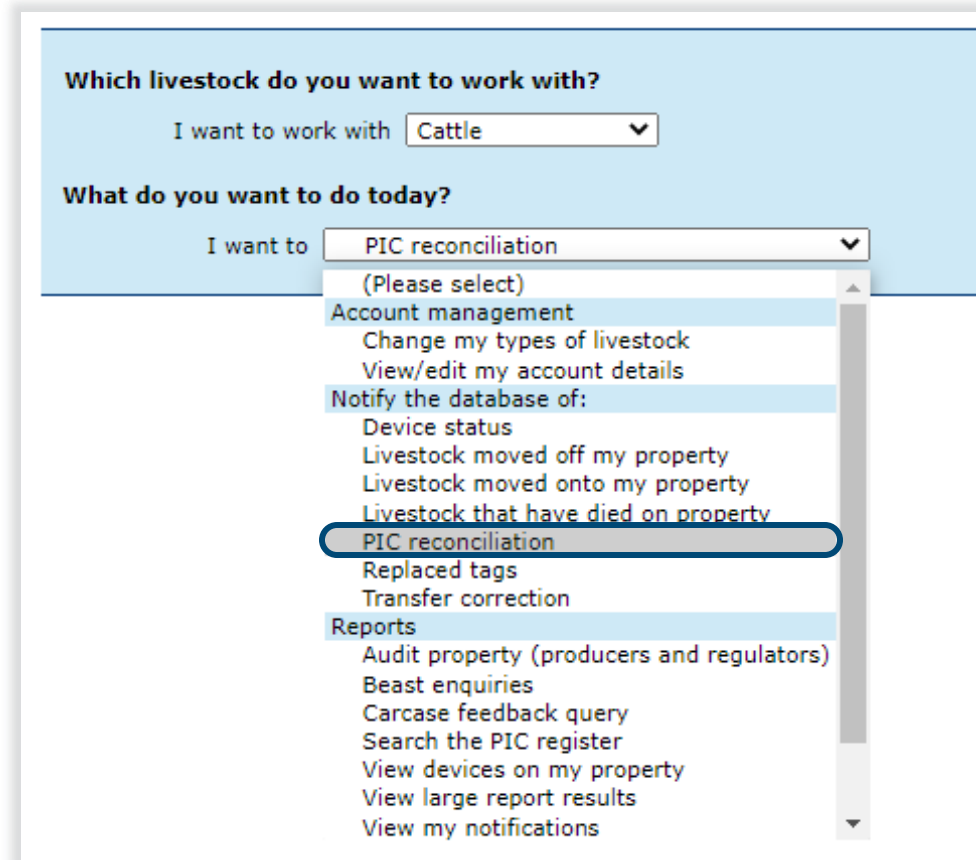
I want to

- Change my types of livestock
- View/edit my account details
- Notify the database of:
  - Device status
  - Livestock moved off my property
  - Livestock moved onto my property
  - Livestock that have died on property
  - PIC reconciliation
  - Replaced tags
  - Transfer correction
- Reports
  - Audit property (producers and regulators)
  - Beast enquiries
  - Carcase feedback query
  - Search the PIC register
  - View devices on my property
  - View large report results
  - View my notifications
  - View my transaction history
  - View/generate all reports



# What is a PIC reconciliation?

- A PIC reconciliation is a stocktake of all electronic NLIS devices on a property.
- This process identifies discrepancies between:
  - The total number of electronic devices physically on a property.
  - The number of electronic devices registered to that property (PIC) on the NLIS database.
- The results generated from a reconciliation will assist you to take further action to ensure your device/tag records in the NLIS database are accurate.
- PIC reconciliations are best attempted once you are familiar using the database.



The screenshot shows a web interface for the NLIS database. At the top, it asks "Which livestock do you want to work with?" with a dropdown menu set to "Cattle". Below that, it asks "What do you want to do today?" with a dropdown menu set to "PIC reconciliation". A list of options is displayed below the dropdown, including "Account management", "Notify the database of:", "Replaced tags", and "Reports". The "PIC reconciliation" option is highlighted with a blue border.



# When would you need to do a PIC reconciliation?

- It is recommended to complete a PIC reconciliation annually or on a regular basis appropriate to your operation.
- EU Cattle Accreditation Scheme (EUCAS) producers need to do an annual PIC reconciliation and retain the NLIS upload ID for the transaction, or keep on-farm records showing a manual reconciliation has been conducted.
- It is also recommended to complete a PIC when buying or selling property.



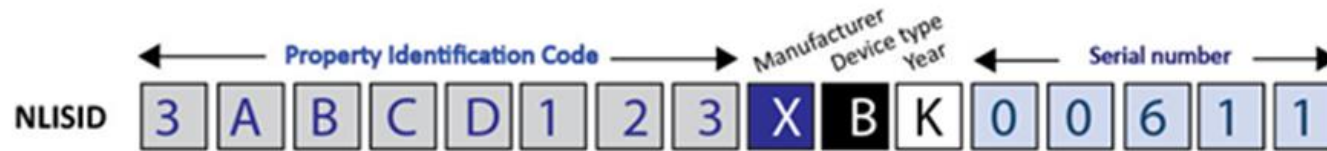
# Why are PIC reconciliations important?

- In the event of an emergency animal disease outbreak, it will be vital for authorities to know how many animals to expect on a PIC.
- Up-to-date data maintains life history/prevents system transfers



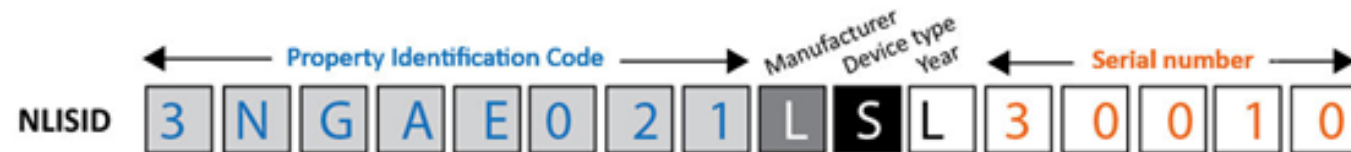
# The numbers on individual electronic devices ...

Example: Cattle 'breeder' RFID ear tag manufactured in 2014



If you enter the RFID, the NLIS database can derive the device type from the 10th character of the NLISID.

Example: Sheep 'breeder' RFID ear tag manufactured in 2015



If you enter the RFID, the NLIS database can derive the device type from the 10th character of the NLISID.



# Buying EID tags from a supplier

- All devices/tags purchased on your PIC – those attached to livestock and those not yet used – are considered ‘active’ tags. The database does not differentiate between devices/tags applied to animals and those still in the cupboard.
- When you buy EID devices from a supplier, you will not need to register them to your PIC as ‘active tags’.
- When scanning tags, ensure you scan those deployed in your animals as well as those in the cupboard.



All devices/tags purchased on your PIC, including those not being used, are considered ‘active’ tags. Unused tag numbers must be included in the PIC reconciliation.



# Tagging and scanning tips

- When tagging, start by using the tag with the first serial number ... it helps with the PIC reconciliation.
- Ensure the battery is charged!
- Ensure the memory has been cleared before and after use (especially if you're borrowing a scanner)
- Scan all tags on livestock and spares in the cupboard
- Best to time with yarding/mustering for operational efficiencies
- Ask your neighbours or your local agent for their insights on scanners. You may be able to borrow or hire one
- Do not scan animals you are about to sell – they should be transferred off your PIC anyway



# Before you start a PIC reconciliation... what you'll need

- A National Livestock Identification System account
- Gather the NLIS ID or RFID details of all the devices/tags physically on your PIC, in either:
  - A list (this could be your own list or downloaded from the scanner, such as a Notepad or Microsoft Excel file)
  - One .csv file (Microsoft Excel) with just the PIC and tag numbers (no headings in the file)

Your .csv file only needs two columns of data, the PIC (in column A) and the tag (in column B) like shown:

	A	B
1	QFZZ2222	999 000025884234
2	QFZZ2222	999 000025884698
3	QFZZ2222	999 000031249117
4		





# There are two ways to do a PIC reconciliation

## TYPE IN THE DETAILS

- This method will require a manual entry of the NLIS ID or RFID details by either typing in the details or a copy/paste from an existing file.

## BY FILE UPLOAD

- This method will request the NLIS ID or RFID details be uploaded in a .csv spreadsheet (Microsoft Excel).

### PIC reconciliation - Cattle

#### Choose your method

#### How would you like to record your information?

Click on the button to choose the option you want.

I want to [type in the details](#) manually on-screen.

I want to [upload a file](#) I have created on my computer.

### PIC reconciliation - Cattle

#### Enter the details

Step 1 2 3 4 5

#### 1 Enter the devices that are active on the PIC

Type the visual number (NLISID) or electronic number (RFID) in the box below. Press the 'Enter' key after each device number.

\*

```
982 999999998808
982 999999998809
982 999999998810
982 999999998811
982 999999998812
982 999999998813
982 999999998814
```

[Help](#)

[Back](#)

[Continue](#)

#### 2 Which PIC do you want to reconcile?

Select the PIC below.

\*

[Help](#)

### Choose your file

Step 1 2 3

#### Which file would you like?

Click 'Browse' to find the file you have already created. Select the file and click 'Continue'.

[Choose File](#) 210608 PIC reconciliation\_file for upload.csv

[Help](#)

[View files I've already uploaded](#)

[Back](#)

[Continue](#)



# PIC reconciliation results

- Once you have uploaded your tag numbers, the database compares the numbers you provide with what it has listed on your PIC.
- You will receive an email from NLIS Support with four .csv files featuring the following:
  - 📄 Active devices – no action required
  - 📄 Devices not on PIC – please contact NLIS for clarification if required
  - 📄 Devices to be made Inactive
  - 📄 Devices to be made Active



## QUICK TIP

Once you have uploaded your file and clicked 'Send', you will see a 'Receipt' notice on the screen. This will advise if the upload was successful. If not, return to the home page to commence the actions again from Step 1.



# The email and its four files ...

The files are .csv Microsoft Excel spreadsheet files. This simply means they have no formatting.



## QUICK TIP

These spreadsheets are in the correct format to be uploaded to the NLIS database. Simply save each one to your computer and upload it using the required action.



104346951\_1\_Active devices - no action required



104346951\_2\_Devices not on PIC - Please contact NLIS for clarification if required



104346951\_3\_Devices to be made Inactive

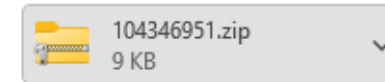


104346951\_4\_Devices to be made Active

## NLIS - PIC RECONCILIATION RESULT (Cattle)



nlissupport <support@integritysystems.com.au>  
To George Basha



You are receiving this email as you submitted a PIC reconciliation request to the NLIS Database.

User Filename: PIC Recon QDZZ3333.csv

System Filename:

prod.nlisdb.com.au\appcluster\transaction\NLISTransactionFiles\NcomRequests\104346951.txt

Upload ID: 104346951

Attached is a zip file containing the following files:

1. Devices submitted that are active on PIC
2. Devices submitted that are not registered to PIC. These need to be transferred onto your PIC.
3. Devices registered to PIC that were not submitted. These can be made inactive (This file only includes the tags for the species you have chosen to work with)
4. Devices submitted that have an inactive status

Once you have saved the zip file to your computer you can extract and save each file individually. You will only receive a file if there are devices that fall into one of the above categories.

If you receive a 'Devices registered to PIC that were not submitted' file, you can use the 'Device status' option to upload this file and assign these devices an Inactive status. Devices with an Inactive status will remain registered to your PIC but will be automatically filtered out of your current holdings.

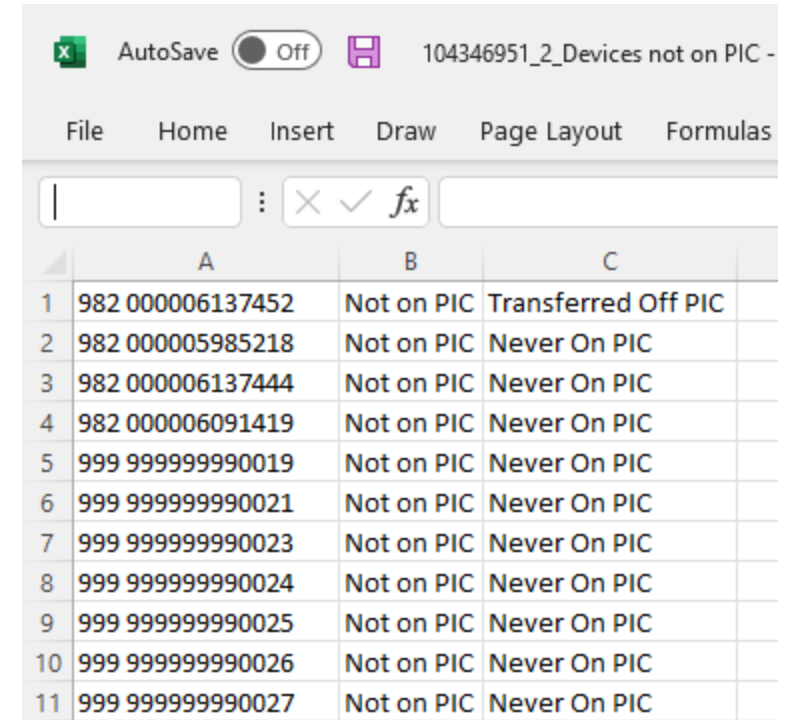


# File #1 – Devices not on PIC

- These devices/tags were included in the list you submitted however the NLIS database has them on another property.

## WHAT THIS MEANS:

- Devices/tags have not yet been transferred onto your property  
OR
- Devices/tags have been transferred off the PIC after you scanned your livestock



	A	B	C
1	982 000006137452	Not on PIC	Transferred Off PIC
2	982 000005985218	Not on PIC	Never On PIC
3	982 000006137444	Not on PIC	Never On PIC
4	982 000006091419	Not on PIC	Never On PIC
5	999 999999990019	Not on PIC	Never On PIC
6	999 999999990021	Not on PIC	Never On PIC
7	999 999999990023	Not on PIC	Never On PIC
8	999 999999990024	Not on PIC	Never On PIC
9	999 999999990025	Not on PIC	Never On PIC
10	999 999999990026	Not on PIC	Never On PIC
11	999 999999990027	Not on PIC	Never On PIC

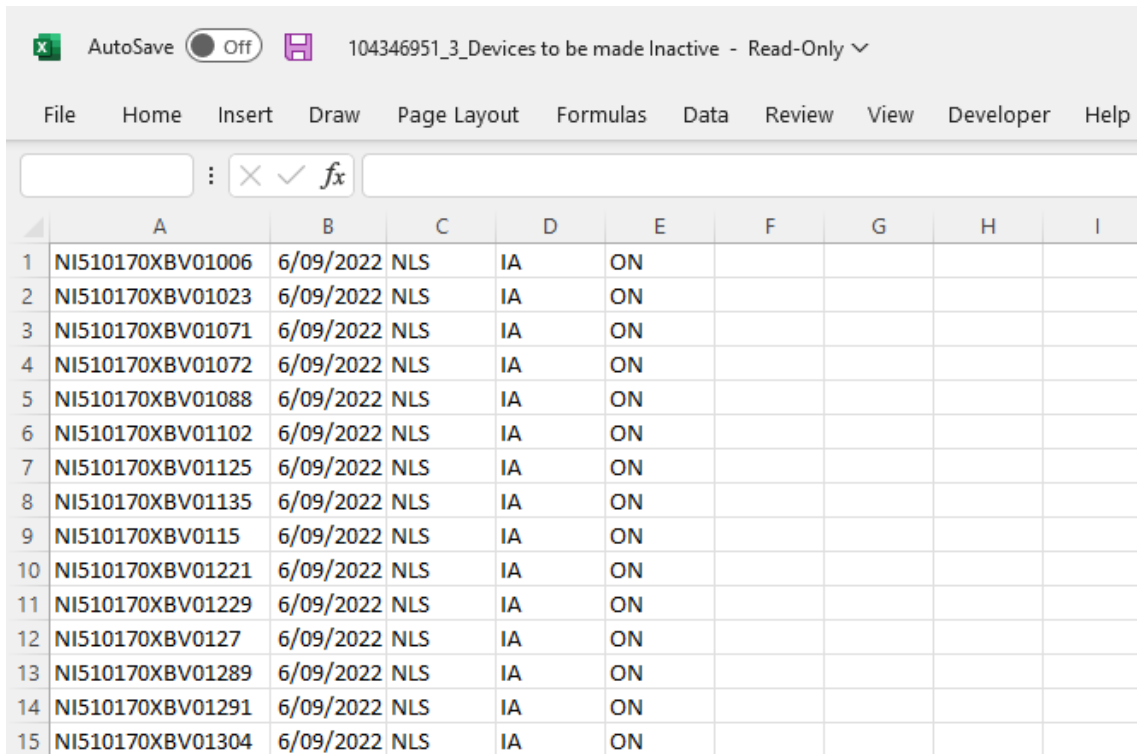
## ACTION REQUIRED:

- Transfer any devices/tags identified as not currently on the PIC onto your property through the Livestock moved onto my property action
- Devices/tags that have left your property since you scanned them can be disregarded.



# File #2 – Devices to be made Inactive

These are usually from animals that have died in the paddock, lost their tags or that you have sold and the transfer was not recorded.

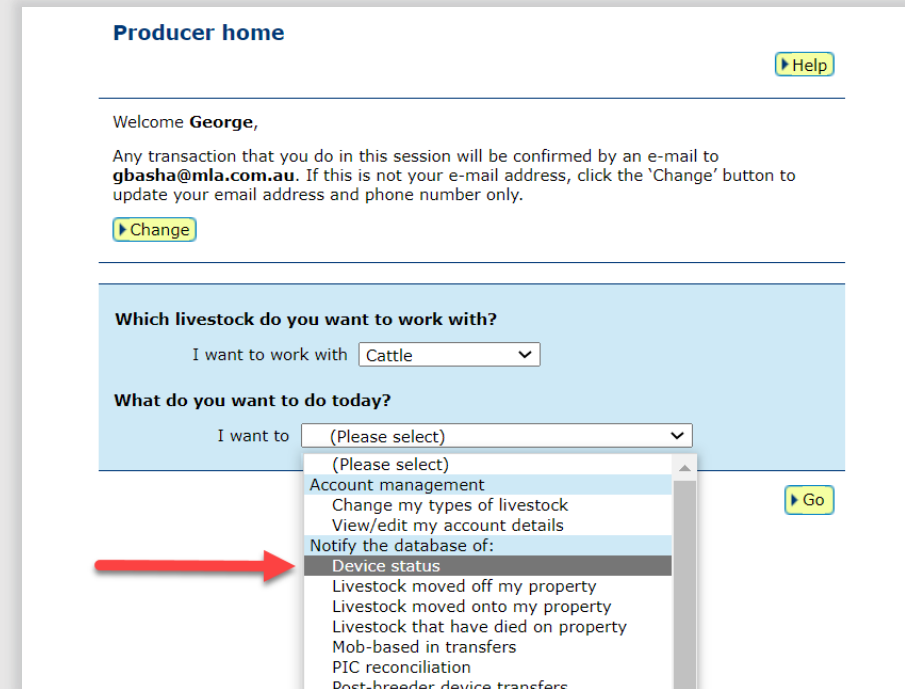


The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E	F	G	H	I
1	NI510170XBV01006	6/09/2022	NLS	IA	ON				
2	NI510170XBV01023	6/09/2022	NLS	IA	ON				
3	NI510170XBV01071	6/09/2022	NLS	IA	ON				
4	NI510170XBV01072	6/09/2022	NLS	IA	ON				
5	NI510170XBV01088	6/09/2022	NLS	IA	ON				
6	NI510170XBV01102	6/09/2022	NLS	IA	ON				
7	NI510170XBV01125	6/09/2022	NLS	IA	ON				
8	NI510170XBV01135	6/09/2022	NLS	IA	ON				
9	NI510170XBV0115	6/09/2022	NLS	IA	ON				
10	NI510170XBV01221	6/09/2022	NLS	IA	ON				
11	NI510170XBV01229	6/09/2022	NLS	IA	ON				
12	NI510170XBV0127	6/09/2022	NLS	IA	ON				
13	NI510170XBV01289	6/09/2022	NLS	IA	ON				
14	NI510170XBV01291	6/09/2022	NLS	IA	ON				
15	NI510170XBV01304	6/09/2022	NLS	IA	ON				

## ACTION REQUIRED:

You will need to change the status of the tag to **inactive** through the Device status action.

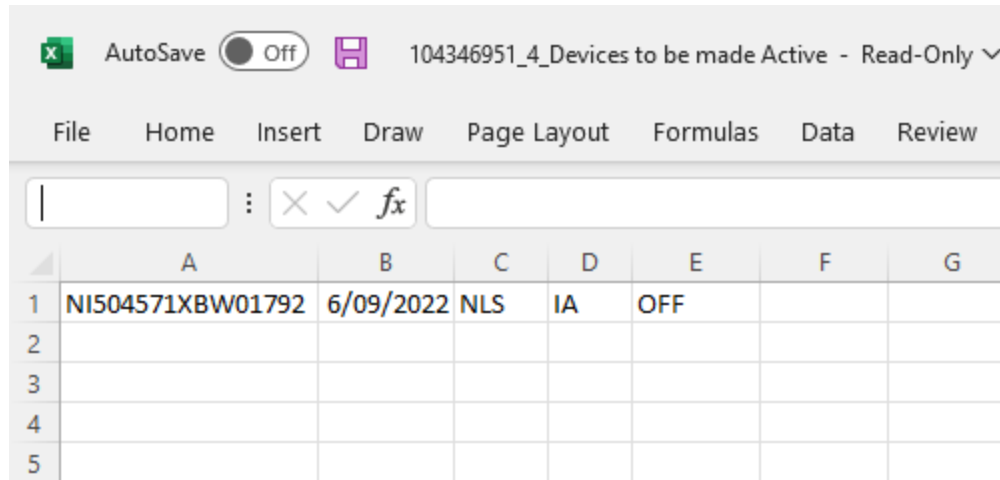


The screenshot shows the 'Producer home' interface. It includes a 'Welcome George,' message and a 'Which livestock do you want to work with?' section with a dropdown menu set to 'Cattle'. Below this is a 'What do you want to do today?' section with a dropdown menu. A red arrow points to the 'Device status' option in the dropdown menu. The 'Device status' dropdown menu is open, showing options like 'Livestock moved off my property', 'Livestock moved onto my property', 'Livestock that have died on property', 'Mob-based in transfers', 'PIC reconciliation', and 'Post-breeder device transfers'.



# File #3 – Devices to be made Active

These are tags previously set to inactive. They might have been missed at your last PIC reconciliation or were set to inactive but have now been found.

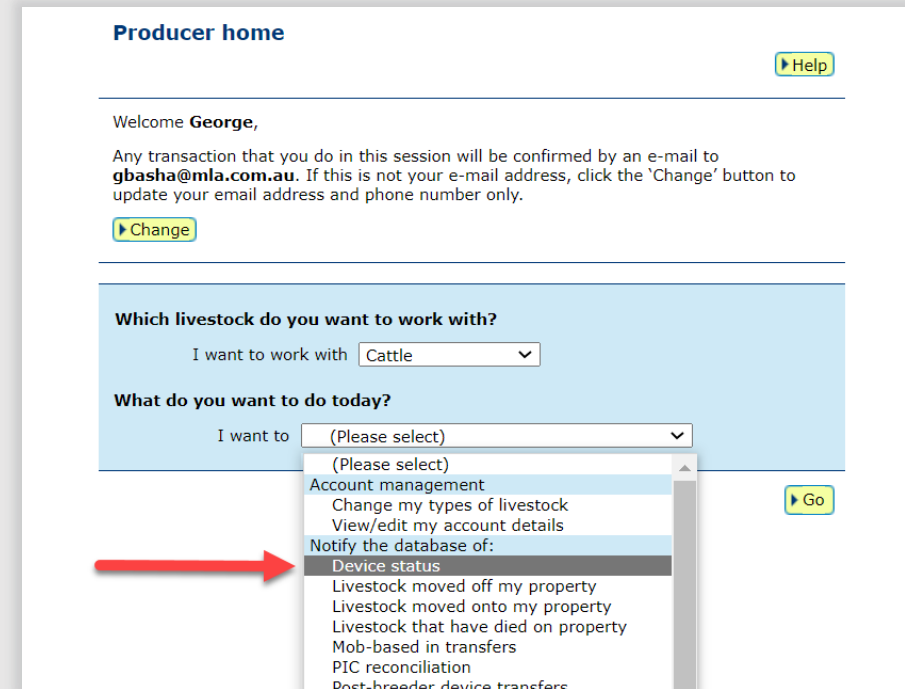


The screenshot shows an Excel spreadsheet with the following data in row 1:

	A	B	C	D	E	F	G
1	NI504571XBW01792	6/09/2022	NLS	IA	OFF		
2							
3							
4							
5							

## ACTION REQUIRED:

You will need to change the status of the tag to **active** through the Device status action.



The screenshot shows the 'Producer home' interface. A dropdown menu is open under the 'What do you want to do today?' section, with a red arrow pointing to the 'Device status' option. The menu items are:

- (Please select)
- (Please select)
- Account management
- Change my types of livestock
- View/edit my account details
- Notify the database of:
  - Device status
  - Livestock moved off my property
  - Livestock moved onto my property
  - Livestock that have died on property
  - Mob-based in transfers
  - PIC reconciliation
  - Post-breeder device transfers

# File #4 – Active devices

- This spreadsheet lists the devices currently on your property that match the record on the database. This is for your reference and requires no further action.

	A	B	C	D	E	F	G	H
1	QDZZ3333	NI504571XBW01798	982 000006137608	C				
2	QDZZ3333	NI504571XBW01800	982 000006137408	C				
3	QDZZ3333	NI504571XBW01801	982 000006137471	C				
4	QDZZ3333	NI504571XBW01802	982 000006137485	C				
5	QDZZ3333	NI504571XBW01803	982 000006137535	C				
6	QDZZ3333	NI504571XBW01810	982 000006137363	C				
7	QDZZ3333	NI504571XBW01812	982 000006135547	C				
8	QDZZ3333	NI504571XBW01816	982 000005985080	C				
9	QDZZ3333	NI504571XBW01819	982 000005985085	C				
10	QDZZ3333	NI504571XBW01821	982 000005985206	C				



## QUICK TIP

If you did not receive one of the four files in the email, then that information on the database is accurate and no action is required.



# NLIS database – practical demonstration

## Agenda

- ‘Devices purchased’ function to verify tags bought but not yet used
- PIC reconciliation – by file upload
- PIC reconciliation – type in details



National Livestock  
Identification System





# PIC reconciliation reminders

- Prepare your file correctly ... PIC and tag numbers only, **no headings**.
- Keep in mind that scanned animals may have since moved off your property. These will not need to be updated when doing a PIC reconciliation because they have already been transferred.
- At least once a year ... more often is great
- Up-to-date details on your PIC will ensure overall industry accuracy and assist in an emergency.

No headings!

	PIC	NLIS ID / RFID
	A	B
1	QIZZ0000	999 000011110001
2	QIZZ0000	999 000011110002
3	QIZZ0000	999 000011110003
4		



# Troubleshooting ...

If you find:

- Animals are not registered to your PIC - transfer them on
- File doesn't upload properly (remember, no headings!)
- Ensure that both columns have the same number of rows.

*Contact ISC Customer Service if any of these come up for you.*

**Ph1800 683 111**

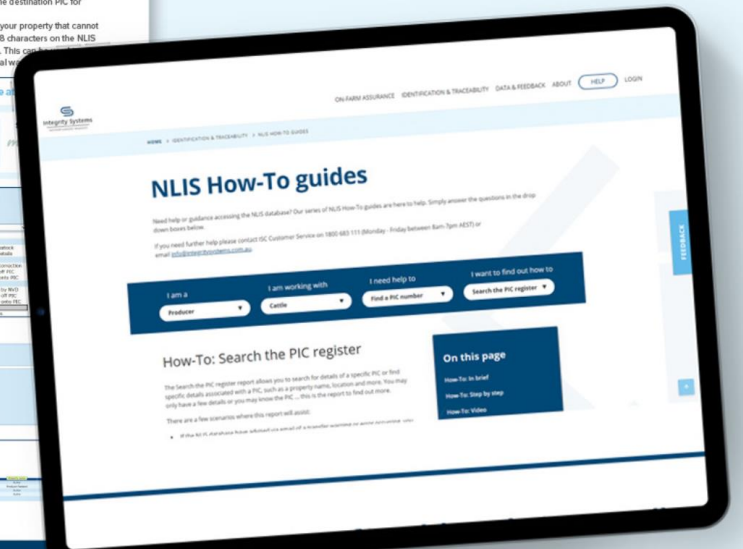
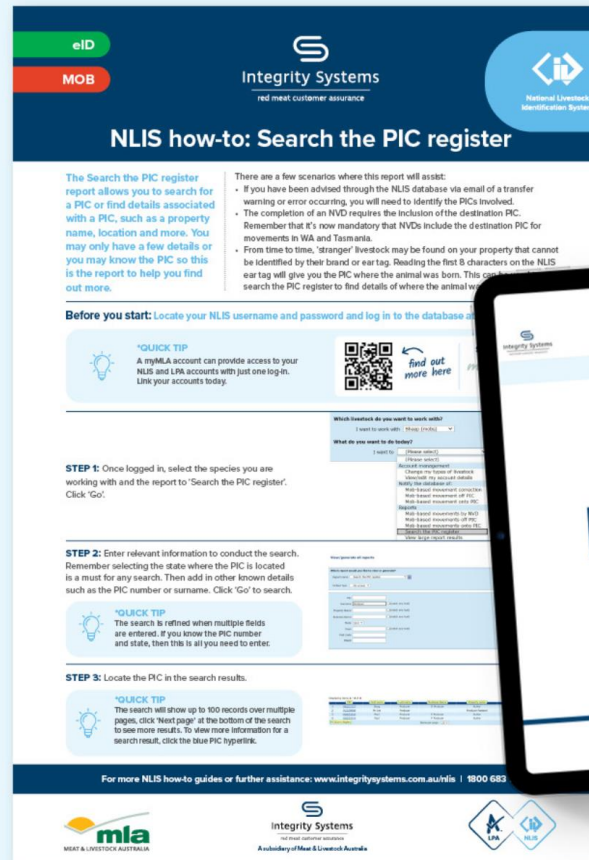


# NLIS 'how-to' guides

Need help navigating the NLIS database?

ISC has a series of step-by-step 'how-to' videos, PDFs and a website guide to help you!

[www.integritysystems.com.au/nlis-how-to/](http://www.integritysystems.com.au/nlis-how-to/)



# PIC reconciliation 'how-to' guides

[www.integritysystems.com.au/nlis-how-to/](http://www.integritysystems.com.au/nlis-how-to/)

**Introduction**  
A PIC reconciliation is a stocktake of all electronic NLS devices on a property. This process identifies discrepancies between the total number of electronic devices physically on a property and the number of electronic devices registered to that property (PIC) on the NLS database.

**Before you start**  
Gather the NLS ID or RFID details of all the devices/tags physically on your PIC into one .csv file (Microsoft Excel).

	A	B
1	0F22222	999.00
2	0F22222	999.00
3	0F22222	999.00
4		

**QUICK TIP**  
All device/tags purchased on your PIC are considered 'active' tags. The database does not differentiate between device/tags applied to animals and those not yet used. This means that all unused tags must be included in the reconciliation.



**Introduction**  
A PIC reconciliation is a stocktake of all electronic NLS devices on a property. This process identifies discrepancies between the total number of electronic devices physically on a property and the number of electronic devices registered to that property (PIC) on the NLS database.

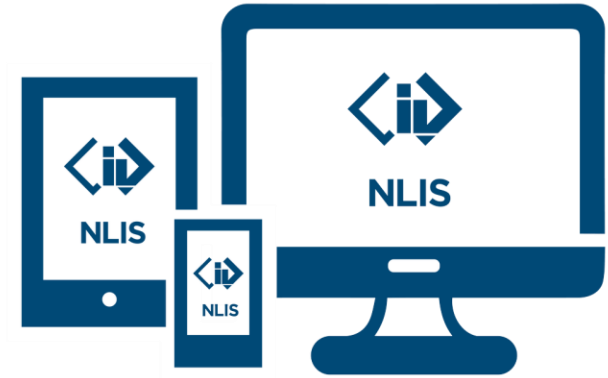
**Before you start**  
Gather the NLS ID or RFID details of all the devices/tags physically on your PIC.

**QUICK TIP**  
All device/tags purchased on your PIC are considered 'active' tags. The database does not differentiate between device/tags applied to animals and those not yet used. This means that all unused tags must be included in the reconciliation.



# Recording livestock movements through NLIS

- You must record all livestock movements onto your PIC on the NLIS database to remain LPA-accredited.
- Saleyards and processors will complete the transfer – but still check. Selling platforms like Auctions Plus do not complete transfers.
- Always check with your agent if they are completing the transfer and ask for the upload ID
- You are responsible for ensuring the transfer has been completed – so it's highly recommended you create an NLIS account and keep track of what is on the database
- Transfers of livestock moved onto your PIC are checked in an LPA audit - if you trade, be vigilant in checking
- All livestock consignments must be accompanied by a form of movement documentation

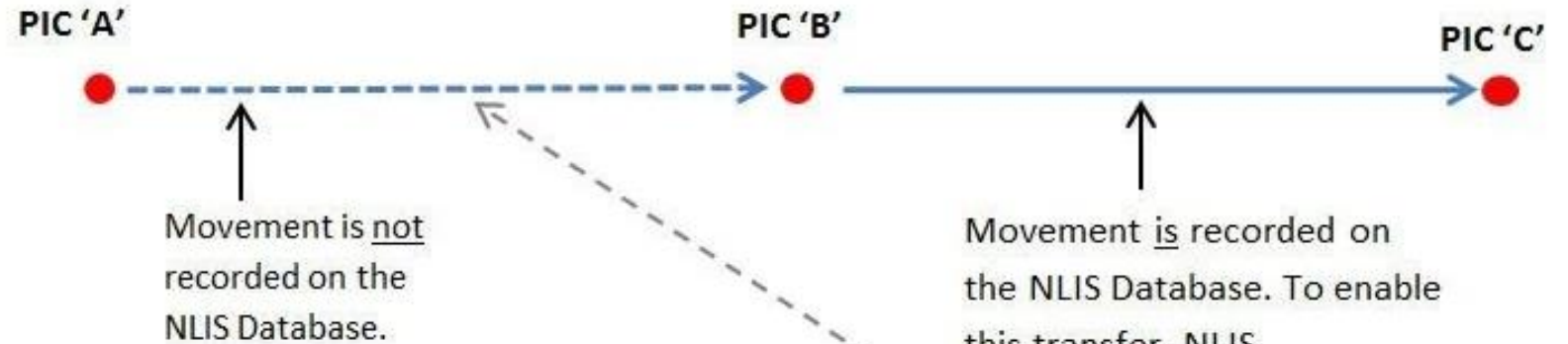


# Check your transfers

- Check every transfer on and off has been completed correctly
- An 'error' means the record was not made at all
- A 'warning' means that the record was made but needs fixing
- If there is an error or you get a warning email – investigate it and correct the error if possible
- For bought in stock - complete a beast enquiry on devices before they leave your PIC to check they are registered to your PIC



# Common transfer mistakes



**Life history of QIIR0116ZBN00024**

Current PIC		Lifetime Traceable	LossOfLT	In Saleyard	Extended Status
QCAY0044	N	Lifetime traceability has been lost due to the device being transferred from an incorrect PIC		No	

RFID	Upload ID	Tag IssueDate	Tag Colour	Tag Type	Manufacturer	Tag Upload Date
942 000026786922	43180393	13/04/2017	W	B	ZeeTags	13/04/2017

Upload Date	Event Date	Transaction Type	Source	Destination	Vendor Declaration	Upload ID	User ID	Deletion Upload ID
01/09/2021	15/06/2021	SYSTEM TRANSFER	QIIR0116	XXXXXXXX	1234567	83920712	4TPTYTSZ	
01/09/2021	15/06/2021	SYSTEM TRANSFER	XXXXXXXX	QFNB0070	1234567	83920712	4TPTYTSZ	
01/09/2021	16/06/2021	Producer Transfer	QFNB0070	QCAY0044	24515228	83920712	4TPTYTSZ	

Movement is recorded on the NLIS Database. To enable this transfer, NLIS retrospectively fills in the 'gap' between PIC 'A' and PIC 'B'. 'Warning' message generated to indicate the loss of lifetime traceability status.



# More information

 ISC Website: [www.integritysystems.com.au](http://www.integritysystems.com.au)

 LPA Website: <https://lpa.nlis.com.au>

 NLIS Website: <http://nlis.com.au>

 [info@integritysystems.com.au](mailto:info@integritysystems.com.au)

 @integritysysco

 @integritysysco

 Integrity Systems Company





# Disclaimer ...

It's a declaration, we can't do it for you, but we're here to help!

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