

# TAG MANAGER User Guide

# **NLIS-Australian Edition**

Version 1.01 24/07/2013

IMPORTANT! This User Guide must be read in conjunction with Reader, prior to use.

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# TAG MANAGER SOFTWARE

# 1.0 Tag Manager Software

# **IMPORTANT**

#### Must be read prior to using software

This software has been purposefully designed to download the RFID's and/or respective data relating to those RFID's from the Allflex RS320 and RS420 series readers and Aleis 7000 8030/50 and 9030/50/60 series readers. Aleis and Allflex accepts no responsibility for any form of improper use, negligent or otherwise, resulting in the loss of RFID's with the use of this software. All practical assistance will be given in the operation and understanding of this software, and this can be obtained by contacting Allflex or an Allflex distributor. Copying of this software is strictly prohibited.

- 1. This software is designed for Allflex RS320 and RS420 and Aleis 7000 8030/50 and 9030/50/60 series readers ONLY.
- 2. Reader must be plugged into computer this software is installed on.
- 3. Reader must be turned ON before opening Tag Manager.
- 4. Tag Manager PC Requirements:

#### **Operating Systems**

- Windows XP
- Vista
- Windows 7
- Windows 8

This software package serves as an easy download program which automatically downloads the reader's session list. Once the reader is downloaded, you can then save particular downloaded sessions or all downloaded sessions on your computer. You can then open these saved files in Excel or your desired program. The program also allows you to Transfer animals on the NLIS database.

Special features include:

- Auto-detects what com-port reader is plugged into.
- Quick and easy animal transfers to the NLIS database for Producers and 3<sup>rd</sup> party users.
- Downloading all animal data from reader.
- Loading tag bucket files from database to the reader.
- Updating Readers software.
- Updates clock on reader to time displayed on computer. (For models that have clocks.)

# 1.1 Tag Manager Installation

To install Tag Manager:

- 1. Place the Tag Manager CD into the CD drive; the program will automatically begin installation. If not Go to My Computer, double-click on the CD Rom Drive, browse the CD and double-click on the icon called Tag Manager.
- 2. Follow the installation prompts, and click on Finish when installation is complete.

#### **1.2 Reader Connection**

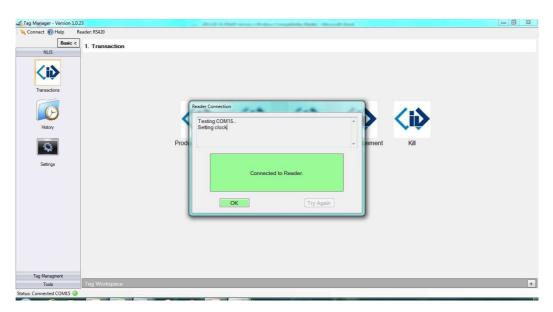
**IMPORTANT:** The Reader must be plugged securely into your computer and turned on before opening Tag Manager.

#### **1.21** Plugging the Reader into your computer.

Plug the 9 pin female serial connector into the 9 Pin male serial connection at the back of your computer or laptop. Some laptops do not have a serial connection, and so a Serial to USB adapter can be used. Should such an adapter be used, Tag Manager works just as effectively provided you have installed the drivers for the adapter correctly.

#### 1.22 Opening Tag Manager.

- 1. Turn Reader on
- 2 Double click on the Tag Manager icon located on your desktop.
- 3. This will open up the software for operation. This can be set to automatically connect and download the reader.



## **1.3 Reader Connection Issues**

If Tag Manager cannot find your reader, you may have a problem with your COM Port settings or setup. The following message will be found in the middle of the screen:



If the reader is required to be connected, follow the following steps to try and resolve your problem:

(If the reader is not required, click on "OK" to proceed. This allows you to work on the stored data without the reader connected.)

1. Make sure your lead is firmly connected at both ends.

2. If you are using a USB to Serial lead, make sure you have installed the drivers that came with the lead. Follow the manufactures instructions.

3. Check in the Device Manager under "Ports" to see if the USB lead setup has created a COM port. (This can be found through Start/Control Panel OR System Hardware then Device Manager.). Take note of the com port number.

4. If it will not automatically find the COM port, click on the "Scan ports at startup" checkbox found in the Startup section of Tools/Options.

For further help please contact your System Administrator or IT Department

# 2.0 Tag Manager Advance Screen

# 2.1 Brief overview of Tag Manager Advance Screen

The Tag Manager Menu screen consists of three distinct areas:

- 1. Sidebar Menu Tabs
- 2. Detail within Tab in Sidebar menu
- 3. Tag Workspace

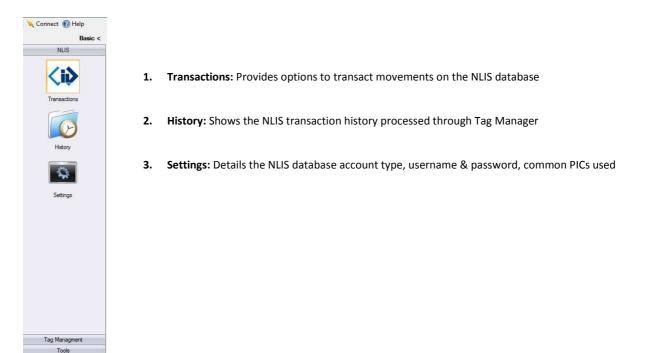
<u>3 menu sidebars:</u> 1. NLIS 2. Tag Management 3. Tools	Detail of: Tag Management\Files submenu
The set	
Control (Sector)	

The sidebar menu consists of 3 Menu Tabs.

- 1. NLIS Menu Tab
- 2. Tag Management Tab
- 3. Tools Tab

# 3.0 NLIS Menu Tab

The NLIS Menu tab has 3 Icons.

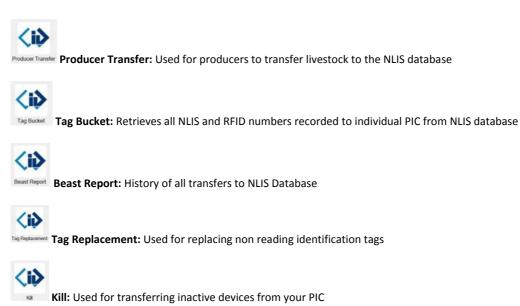


# 3.1 NLIS Transactions

The NLIS Transactions has five icons for communicating to the database:

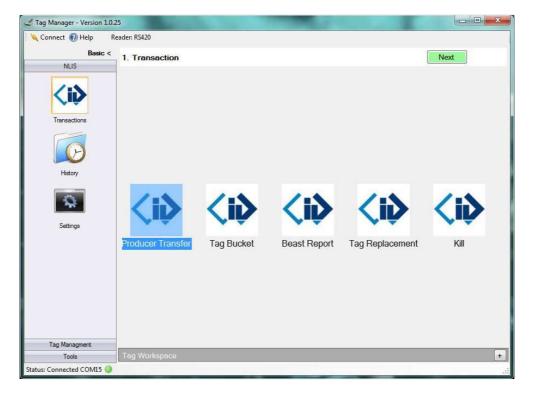
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A brief description of the 5 transactions are as follows.



## 3.1.1 Producer Transfer

Follow the steps below to perform a Producer Transfer



Step 1. To perform a producer transfer, click on the Poduce Taraster icon, then click Next.

**(i)** 

# Step 2. Select the session from the Reader.

*Tip:* You can select a session from the Filing Cabinet or File Import.

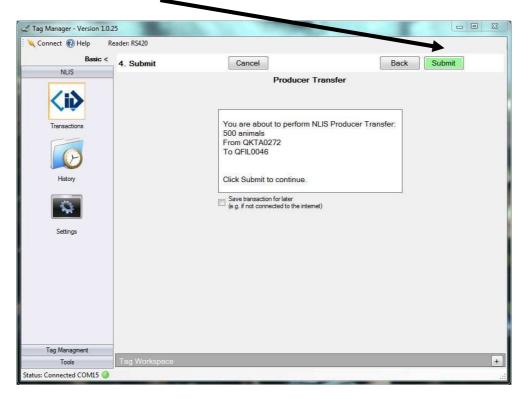
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Make sure the tags appear in the Tag workspace and click on **next**. *Tip:* You can untick any tags you wish not to transfer.

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Step 3. Fill out the necessary data to perform the transaction, then click on Next

**Step 4.** A confirmation screen will then appear, summarising the transaction you are about to perform, Click **Submit** to continue –this will complete the transfer.



**Tip:** If you choose to tick the "Save transaction for later" box the then click Submit the Transfer will be saved in the History. You can resume the transaction at any time via the History Icon.

**Step 5.** Click on Finished to get back to NLIS Menu.

# 3.1.2 Tag Bucket

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**Step 1.** To Retrieve your tag bucket file, click on then **Next** 

Step 2. Then select the PIC to download and the fields required, click Next

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**Step 3.** A confirmation screen will then appear, summarising the transaction you are about to perform, Click **Submit** to continue.

**Step 4.** A message is generated outlining the number of tags reported, and the tag details are listed below in the **tag workspace**.

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**Tip.** You must save this in the Filing Cabinet if you wish to open this file later for viewing or uploading into your reader.

**Step 5.** Click on Finished to get back to NLIS menu.

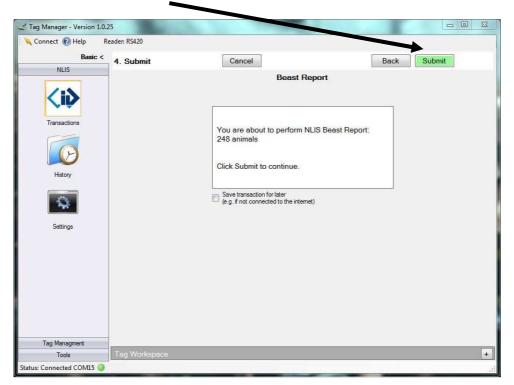
# 3.1.3 Beast Report

t <b>ep1.</b> To perfo	orm a beast i	eport, clic	k on the	Report icon, ther	n click Next.
Tag Manager - Version 1.0.2	5				
🔍 Connect 🔞 Help 🛛 Re	ader: RS420				
Basic < NLIS	1. Transaction				Next
Transactions	<i></i>	⟨i⟩	<i⊳̀< th=""><th>⟨i⟩</th><th>⟨i⟩</th></i⊳̀<>	⟨i⟩	⟨i⟩
Settings	Producer Transfer	Tag Bucket	Beast Report	Tag Replacement	Kāl
Tag Managment Tools	Tag Workspace	_	_		
atus: Connected COM15 🥥					

<id

Step 2. Select the animals to perform a report on, click Next

	Reader: RS420	0					X	
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NEIS				E	Beast Rep	ort		
<b>Ci</b>	🚄 Re	eade	r 📓 Filing Cabi	net 🗾 File Import				
<b>••</b>	Name	8		Count	Date		User Fields	
Transactions	SESSI	ON 9		15	6/06/2013	11:17:00 PM		
	SESSI	DN 10		0	6/06/2013	11:18:00 PM		
	SESSI	DN 11		8	6/06/2013	11:18:00 PM		
	SESSI	ON 12		9	6/06/2013	11:19:00 PM		
Ulation	SESSI	DN 13	6	4	6/06/2013	11-19-00 PM		
History	ProdTra			500	Watt 2012/ 95-0902.5	10:39:00 PM	NLI, Tra	
	Tag Wa	rksp				1		
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	492	1	982 000045846346 982 000045846348	25/06/2013 11:01:53 PM				
	494	V	982 000045846349	25/06/2013 11:01:53 PM				
	495		982 000045846358	25/06/2013 11:01:53 PM				
	496	V	982 000045846376	25/06/2013 11:01:53 PM				
	497	V	982 000046354029	25/06/2013 11:01:53 PM				
	498	V	982 000046354096	25/06/2013 11:01:53 PM	1			
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			and the second second second second second	25/06/2013 11:01:53 PM	1			
	500	V	982 000046354498	23/00/2013 11:01:3311	San			



**Step 3**. A confirmation screen will then appear, summarising the transaction you are about to perform, Click **Submit** to continue.

Step 4. A results screen is then displayed summarising the report.

Z Tag Manager - Version 1.0.2	5			-						
🛛 🔌 Connect 🔞 Help 🛛 Re	eader: RS420	)								
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Tools	Add I	ay	Complee	Clear All			Point	Save		
Status: Connected COM15 🥥										

*Tip.* You must save this in the Filing Cabinet if you wish to open this file later for viewing or uploading into your reader.

Step 5. Click on Finished to get back to NLIS Menu.

# 3.1.4 Tag Replacement

STag Manager - Version 1.0.2			-			8
Connect @ Help R Basic < NLIS Transactions Fistory History Settinga	ander: RS420	Tag Bucket	<b>Beast Report</b>	Tag Replacement	Next	
Tag Managment	Personal Party and					
Tools Status: Connected COM15 🥥	Tag Workspace					+

Step 1. To perform a tag replacement, click on the moment icon, then click Next

Step 2. Select the tag to be replaced, then click Next

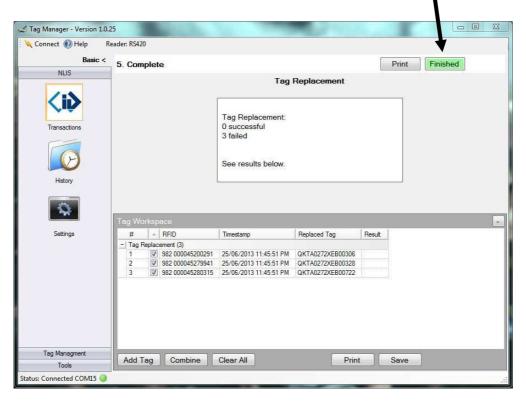
t 🕜 Help	Reader: RS42	D					
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	1 2 3 4 5		982 000045280315 982 000045288479 982 000045288585	19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM	QKTA0272XEB00722 QKTA0272XEB00323 QKTA0272XEB00311	2013-05-27 2013-05-27 2013-05-27	
	1 2 3 4 5 6		982 000045280315 982 000045288479 982 000045288585 982 000045288630	19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM	QKTA0272XEB00722 QKTA0272XEB00323 QKTA0272XEB00311 QKTA0272XEB00318	2013-05-27 2013-05-27 2013-05-27 2013-05-27	
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	1 2 3 4 5 6 7 8		982 000045280315 982 000045288479 982 000045288585 982 000045288630 982 000045289054 982 000045289174 982 000045289270	19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM	QKTA0272XEB00722 QKTA0272XEB00323 QKTA0272XEB00313 QKTA0272XEB00318 QKTA0272XEB00322 QKTA0272XEB00329 QKTA0272XEB00325	2013-05-27 2013-05-27 2013-05-27 2013-05-27 2013-05-27 2013-05-27 2013-05-27 2013-05-27	
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Step 3. Enter the details of the Replaced Tag(s), and then click on Next

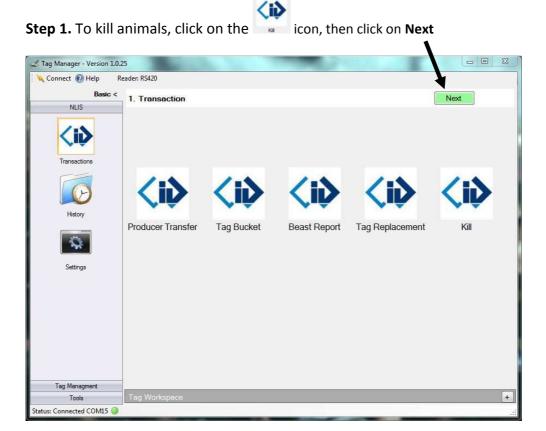
**Step 4.** A confirmation screen will then appear, summarising the transaction you are about to perform, Click **Submit** to continue.

STag Manager - Version 1.0.3	25				
🔍 Connect 🔞 Help 🛛 R	eader: RS420				-
Basic <	4. Submit	Cancel		Back	Submit
NLIS Transactions Transactions History Settings			ater	cement:	
Tag Managment				_	
Tools	Tag Workspace				+
Status: Connected COM15 🥥					.:



**Step 5.** The transaction details are then displayed, click on **Finished** to return to the NLIS menu.

#### 3.1.5 Kill

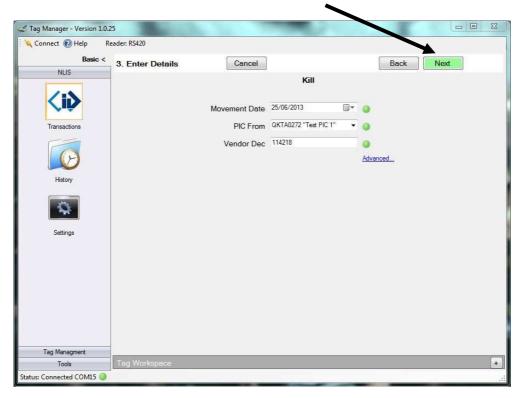


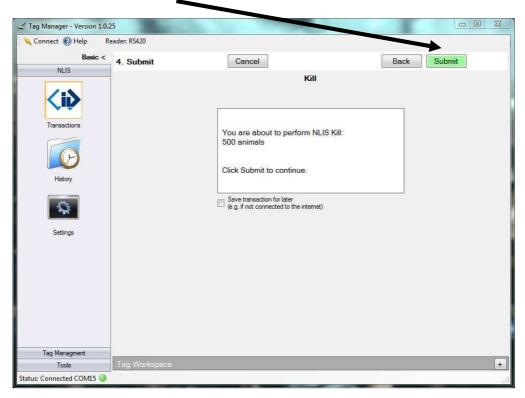
Tag Manager V1.01

nect 🔞 Help	Reader: RS42	!0					
Basic <	2. Sele	ect Tags	Cancel			Nex	t.
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<b>ČIŠ</b>	Name	eader 🔄 Filing Cabi	Count	Date		User Fields	
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		1940-1942)	950				
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-	ProdTr		500	25/06/2013 10 39:00 PM		NLI, Tra	
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Settings	Tag Wo	orkspace RFID Tran (497)	+ 123 c			12002420	2013-05
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Settings	Tag Wo # - Prod1 1 2 3 4 5 6 7	Image: state	Timestamp 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM			NLI QKTA0272XEB00323 QKTA0272XEB00312 QKTA0272XEB00322 QKTA0272XEB00322 QKTA0272XEB00325 QKTA0272XEB003541	2013-05 2013-05 2013-05 2013-05 2013-05 2013-05 2013-05 2013-05
Settings	Tag Wo # - Prod1 1 2 3 4 5 6 7 8	Price           RFID           Tran (497)           982 000045288473           982 00004528855           982 00004528855           982 00004528854           982 00004528957           982 00004528957           982 000045289270           982 000045289270           982 000045289270           982 000045300949	Timestamp 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM			NLI QKTA0272XEB00323 QKTA0272XEB00318 QKTA0272XEB00328 QKTA0272XEB00329 QKTA0272XEB00329 QKTA0272XEB00572	2013-05 2013-05 2013-05 2013-05 2013-05 2013-05 2013-05 2013-05 2013-05
Settings	Tag Wo # - Prod 1 2 3 4 5 6 7 8 9	Ispace           *         RFID           Tran (497)         982 000045288479           Ø 982 000045288585         982 000045288054           Ø 982 000045289054         982 000045289054           Ø 982 000045289054         982 00004520940           Ø 982 000045300940         Ø 982 000045300949	Timestamp 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM			NLI QKTA0272XEB00323 QKTA0272XEB00311 QKTA0272XEB00312 QKTA0272XEB00329 QKTA0272XEB0054 QKTA0272XEB00576 QKTA0272XEB00576	2013-05 2013-05 2013-05 2013-05 2013-05 2013-05 2013-05 2013-05 2013-05 2013-05
Settings	Tag Wo # - Prod1 1 2 3 4 5 6 7 8	Price           RFID           Tran (497)           982 000045288473           982 00004528855           982 00004528855           982 00004528854           982 00004528957           982 00004528957           982 000045289270           982 000045289270           982 000045289270           982 000045300949	Timestamp 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM 19/06/2013 10:59:07 PM			NLI QKTA0272XEB00323 QKTA0272XEB00318 QKTA0272XEB00328 QKTA0272XEB00329 QKTA0272XEB00329 QKTA0272XEB00572	2013-09 2013-09 2013-09 2013-09 2013-09 2013-09 2013-09 2013-09 2013-09 2013-09 2013-09

Step 2. Select the tags you want to kill, then press Next

Step 3. Fill in movement details, then press Next





**Step 4.** A confirmation screen will then appear, summarising the transaction you are about to perform, Click **Submit** to continue.

This will complete the transaction and provide a summary report.

## 3.2 NLIS Setting

The Settings section sets up your Account type, NLIS username and password.

g Manager - Version 1	1.0.23	ACCU & Mall Areas ( Male Compatible Area)	0.0
Connect 🔞 Help	Reader: RS420	-	
Basic	<		
NLIS		Account Type Producer	
1		Username alcis001 🗸 🥥	
<b>Z</b> : <b>N</b>			
<b>N</b> İ		Password	
Transactions		Empil brian@aleis.com	
B		Save	
History	PIC		
1000	V Automatically remember PICs		
	PIC	Name	
200	OKTA0272	Test PIC 1	
0.00	QKDP0018	Test PIC 2	
Settings	*		
	7		
Tag Managment			
	Tag Workspace		
Tools			
Tools a: Connected COM15	Tug Workspace		

The **PIC** (Property Identification Code) section stores frequently used PICs. Select a cell in the PIC column and enter in your valid PIC code. Select the corresponding "Name" column to provide a helpful description of the PIC.

The account details are supplied by the NLIS database. If you are having trouble accessing the database, contact the NLIS helpdesk.

# 3.3 NLIS History

The History Icon displays all transactions with the NLIS database. Both successful and Failed transactions are displayed and information regarding the transaction.

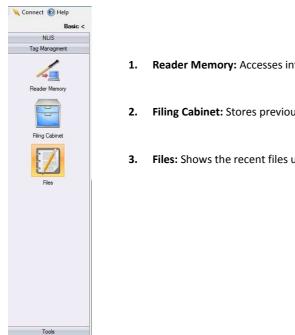
nect 🕐 Help 🛛 R	eader: EID8500				
Basic <	Last Activity	Transaction	Tags	Status	
NLIS	2/07/2013 2:12:41 PM	Producer Transfer	14/14	Successful	
	2/07/2013 2:09:51 PM	Tag Bucket	14	Successful	
<b>(i)</b>	2/07/2013 12:16:53 PM	Producer Transfer	14/14	Successful	
11	2/07/2013 12:15:45 PM	Tag Bucket	14	Successful	
	2/07/2013 12:15:24 PM	Tag Bucket	0	Successful	
Transactions	2/07/2013 12:14:53 PM	Tag Bucket	0	Falled	
	1/07/2013 2:33:26 PM	Producer Transfer	14/14	Successful	
	1/07/2013 2:33:03 PM	Producer Transfer	14/14	Successful	
	1/07/2013 2:32:27 PM	Tag Bucket	14	Successful	
History	1/07/2013 2:32:08 PM	Producer Transfer	500/500	Successful	
	1/07/2013 2:30:48 PM	Tag Bucket	0	Successful	
-	29/06/2013 8:52:03 PM	Tag Bucket	14	Successful	
1997 - 19	29/06/2013 8:49:18 PM	PIC Holdings	0	Successful	
Settings	29/06/2013 8:45:59 PM	Beast Report	10/10	Successful	
Settings	29/06/2013 8:44:10 PM	Beast Report	5/5	Successful	
	29/06/2013 8:41:19 PM	Beast Report	3/3	Successful	
	Details	Log			
	Movement Date: 2/0//2013 2:12:19 PM	Timestamp	Message		
	PIC To: QKDP0018 "Test producer PIC"		Successful Producer Transfer		
	PIC From: QKTA0272 "Test producer PIC" Vendor Dec: 3234353246	2/07/2013 2:12:41 PM	14 successful 0 failed		
	Vendor Dec. 3234333240		Utalied		
		2/07/2013 2:12:38 PM	Upload begin		
	L				
	Resume View Tags Print Re				
ag Managment	Print Re	port			
	Tag Workspace				
Tools					
Tools					

TIPS:

You can resume transactions if you ticked "save transaction for later" You can view the tags in the transaction by clicking on the "Veiw Tags" button

#### 4.0 **Tag Management Tab**

The Tag Management tab has 3 lcons.



- Reader Memory: Accesses information on the attached reader
- Filing Cabinet: Stores previous information files that have been saved and can be accessed again
- 3. Files: Shows the recent files used within Tag Manager

#### 4.1 **Tag Management**

There are three icons within the Tag Management submenu:

- 1. **Reader Memory**
- 2. **Filing Cabinet**
- Files 3.

#### 4.1.1 Reader Memory

The reader icon allows Downloading and Uploading to the reader or starting a live scanning session.

#### 4.1.2 Filing Cabinet

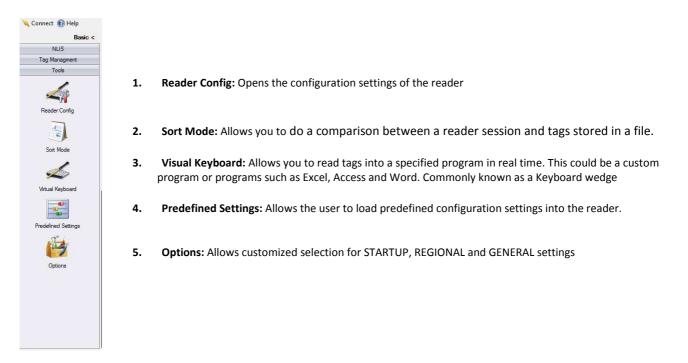
The filing cabinet is designed to let you store important files to be accessed at a later date. It is smart to name the files in a way that lets you retrieve the information at some point into the future.

#### 4.1.3 Files

The files icon shows a history of files that have been used on the Tag Manager software. Click on Browse to find files on your PC.

# 5.0 Tools Tab

The Tools tab has 5 Icons.



# 5.1 Tools

The tools submenu is designed for more advanced configurations of settings within various readers. This should be undertaken with the guidance of a reader support person.

#### 5.1.1 Reader Config.

Opens the configuration settings of the reader

#### 5.1.2 Sort Mode

Allows you to do a comparison between a reader session and tags stored in a file.

#### 5.1.3 Virtual Keyboard

Allows you to read tags into a specified program in real time. This could be a custom program or programs such as Excel, Access and Word. Commonly known as a Keyboard wedge

#### 5.1.4 Predefined Setting

Allows the user to load predefined configuration settings into the reader.

#### 5.1.5 Options

Allows customized selection for STARTUP, REGIONAL and GENERAL settings