

doc

project title: Reader Suite - Tool - Tag Initializer



TOOL **TAG INITIALIZER**

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1 Introduction

Beside the basic functionality the Reader Suite also offers tools with higher level functionality. The following chapters show how the tool Tag Initializer can be used.

Start the Tag Initializer 2

At first the Reader Suite has to be started and a reader has to be attached. If this is done, the Tool Tag Initializer can be started as follows. The entry for the Tag Initializer can be found in the Menu at *Tools -> Tag Initilializer*. If this Menu is selected, the configuration dialog of the tool appears.

eader Edit Export	Tools License ?			
Reader ID	Demos	- A	Tag Type	Read
	🚔 Tag Initializer			
	🤍 Tag Search			

Tag Initializer	? ×
To initialize tags, select the reader with whic	h you want to work.
Reader	
PUR RM1 - 00-00-06-69 @ COM5	
	Start Start

The configuration dialog shows a list of attached readers. If there is more than one reader attached to the Reader Suite, the desired reader for the initialization should be selected.

	🖢 Tag Initializer			<u>? _ D ×</u>
After the	🚔 Tag Initializer			RF-Embedded
configuration is			C (0 0 000F	
done and the selected reader is valid for the tool, the main screen of the dialog appears.	Reader Id:	PUR RM1 - 00-00-00	5-69 @ COM5	
appears:	New EPC Length: 00-00-00-00 New EPC: 00-00-00-00 Increment EPC Passwords Set Access Password 00-00-00-00 Set Kill Password 00-00-00-00 Set Kill Password 00-00-00-00	Lock Lock Lock Lock Lock Lock Lock Lock	Image: set digs Power Atter Image: set digs Sound Image: set digs Image: set digs	uation: 0 steps i Sound On Success d: sound01.wav • w e 500 ms • nable Logging itop on Error Start

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3 Setting up the Tag Initializer

The Tag Initializer shows various settings for the initialization procedure. These settings are explained in the following:

3.1 Input Tags

The chapter Input Tags describes which tags should be used for the initialization.

With the option *Use Only Certain Tags* a certain EPC mask with a certain length can be specified. If this option is selected the application only uses tags that match this mask.

If the option *Use Any Tag* is selected, the application uses the first tag that is detected.

3.2 New EPC

If the option *New EPC* is enabled, an EPC is written to the used tag. Here can be specified, which length and which Id the EPC should have. There is also the option to increment the EPC, if this is selected the EPC is incremented by one.

3.3 Passwords

It is also possible to set the access and kill password of the detected tag. If the option for access password is selected, the access password must not be oo-oo-oo.

3.4 Lock

The chapter *Lock* shows also the possibility to lock certain memory regions of the tag. If any of these options is activated, the access password must not be oo-oo-oo.

4 Settings

Additional to the work flow settings the application settings can also be set.

4.1 Power

The *Power* setting describes the used attenuation for the process. The attenuation should be set to such a low level so the reader can reach the tags but also to such a high level so the reader does not detected the tags in the surrounding. This level should be tested in the basic mode of the Reader Suite.

4.2 Play Sound On Success

This option is just the possibility to enable an acoustic feedback of the process.

4.3 Workflow

The options in the chapter Workflow describe how the process should be handled. There is for example the option to define a pause between each process, to not overheat the reader or to be able to switch to next tag by hand. Also there is the option to enable logging. This is described in the next chapter. If the option Stop on Error is selected, the process is immediately stopped, if an error occurs.

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5 Logging

If the logging is activated, the application prompts for a file name where the log data should be stored at. To prevent any data loss, the application writes every 25th entry to the specified file. **Note**: The Log Table only shows the not yet written log data.

6 Running the process

If the process is completely configured, it can be started using the Start button. After the process is started, every task shows its status or result in the box beside the settings.

Id:		PUR RM1 -	00-00-06-69 @ CO	М5	
ut Tags Use Only Certain Tags Input EPC Length: Input EPC: Use Any Tag	00-00-00-00-00-00-00-00-00-00-00-00-00-	12 Bytes		ok.	Working
New EPC	00-00-00-00-00-00-00-00-00-00-00-00-00-		Unlock Unlock Unlock Unlock Unlock Unlock	Verify	Settings Power Attenuation: 0 steps Play Sound On Success Sound: sound01.wav v Workflow Pause Enable Logging Stop on Error
ing ching for tag OK cing new epc 00-00-1 OK fying new EPC 00-00	00-00-00-00-00-00-00-00 0-00-00-00-00-00	-00-04 30-00-04			Stop

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