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SCR21U Desktop Smart Card Reader Demo Software



SCR21U Demo Software User Manual

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1 Introduction

IRIS Smart Card Reader Demo is a small utility program that checks if you have properly configured your reader and able to perform some basic tests when a card/SAM key is inserted.

2 Functionality

The demo is provided to support PC/SC smart card platforms:


- PC/SC (Personal Computer/Smart Card)

The demo is located in its respective folder and only functional when the reader's driver has been installed correctly for PC/SC platform. Please refer the "SCR21U Driver Installation Guide" on how to correctly install the driver for the reader.



2.1 "Slot" Section:

By default, the User Slot (card slot) is pre-defined to be tested. If the reader's SAM Slot is to be tested, the checkbox here must be selected/ticked/checked.

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2.2 “Start” Button:

Immediately perform some basic tests once a card and/or SAM key is inserted in its respective slots.

Card → User Slot

SAM → SAM Slot


Once the test finishes, the results will be displayed in the respective status sections.

2.3 “User Slot Status” Section:

If a card is inserted into the User Slot...

Once the “Start” button is pressed, a short status message will be displayed in this section. You may receive the following status message depending on the test results.

Status Message	Description	Solution/Remarks
Card not inserted	<ol style="list-style-type: none"> No/wrong driver installed. Card/SAM key is not inserted into its proper slot. 	<ol style="list-style-type: none"> Reinstall the correct PC/SC driver that corresponds to the demo. Reinsert the card/SAM key into its proper slot.
Card detected Card powered up Card reset xx xx xx xx xx Card powered off	<ul style="list-style-type: none"> Card/SAM key is detected and powered up and down successfully. 	<ul style="list-style-type: none"> PC is able to detect reader and access to Card/SAM.
- other messages -	<ul style="list-style-type: none"> Card/SAM or reader failed one or more tests performed. 	<ul style="list-style-type: none"> Contact IRIS' Technical Support.

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2.4 “SAM Slot Status” Section:

If a SAM key is inserted into the SAM Slot and has been selected earlier...

Once the “Start” button is pressed, a short status message will be displayed in this section. You may receive the following status message depending on the test results.

Status Message	Description	Solution
Card not inserted	<ol style="list-style-type: none"> No/wrong driver installed. Card/SAM key is not inserted into its proper slot. 	<ol style="list-style-type: none"> Reinstall the correct PC/SC driver that corresponds to the demo. Reinsert the card/SAM key into its proper slot.
Card detected Card powered up Card reset xx xx xx xx xx Card powered off	<ul style="list-style-type: none"> Card/SAM key is detected and powered up and down successfully. 	<ul style="list-style-type: none"> PC is able to detect reader and access to Card/SAM.
- other messages -	<ul style="list-style-type: none"> Card/SAM or reader failed one or more tests performed. 	<ul style="list-style-type: none"> Contact IRIS' Technical Support.