HID Reader Manager – SIGNO OSDP Setup

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Procedure Name

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Procedure Steps

Purpose:

The HID SIGNO readers no longer use configuration cards to Set / Change configuration options. You must use HID Reader Manager to make changes.

This KB will specifically address changing SIGNO reader communications output from Wiegand to OSDP.

There are many other parameters / FW that can be changed on HID readers with Reader Manager

Requirements

HID Reader Manager Application is a Mobile app which connects, via Bluetooth, to a reader for

configuration changes, firmware upgrades and reader inspections by Reader Technicians.

Therefore, the HID reader must have Bluetooth capability.

HID Readers:

HID Reader Manager solution is only compatible with iCLASS SE/multiCLASS SE Rev E readers (with Bluetooth & OSDP module installed), the iCLASS SE Express R10 reader and HID Signo readers. While most firmware versions of iCLASS SE and multiCLASS SE Rev E readers are compatible you will need to verify this, even if the reader is "Mobile-ready" or "Mobile-enabled".

Where to get HID Reader Manager Application

iOS – Apple App Store

Android – Google Play Store

Detailed HID Reader Manager Application documentation is available from HID Global Website:

https://www.hidglobal.com/documents search for Reader Manager

Results should include:

IOS-HID Reader Manager Solution user guide IOS pdf

Android- HID Reader Manager Solution User Guide Android pdf

How to use HID Reader Manager to set SIGNO reader to communicate using OSDP

a.   Follow HID documentation on how to register mobile application

b.   Create new template, this will store reader settings, which can then be applied to one or more readers.

i.   Select READER TYPE

ii.   Select SOFT CHARGING PROFILE from List

iii.   If applicable, enable KEYPAD

iv.   Select OK

v.   From BUILD TEMPLATE SCREEN, select COMMUNICATIONS PROTOCOL

vi.   You have option to enable either Wiegand or OSDP, not both

vii.   If OSDP is selected, then you can select

1.   Spec Compliance (V1 or V2)

2.   Address (normally 0)

3.   And if you want to enable SECURE CHANNEL, select Install Mode and Secure Mode

viii.   Then Select ADD TO TEMPLATE

ix.   Then Select SAVE AS TEMPLATE

x.   Return to Home screen for HID Reader Manager Application

xi.   On the HID Reader Manager Home screen, tap SCAN FOR READERS. This will scan for nearby Mobile Access® readers (i.e. readers with either the BLE Communication module installed or readers that are already "Mobile-ready" or "Mobile-enabled").

xii.   Select a displayed reader from the Nearby Readers screen and, from the Select Operation menu, tap Locate to ensure the correct reader is selected. The reader will beep for about eight seconds.

xiii.   Tap INSPECT. The reader is now connected and reader information is displayed on the Inspection Report screen

xiv.   The Inspection Report screen displays configuration details for a connected reader and allows you

to carry out the following:

1. View reader Firmware Information and, if necessary, perform a reader Firmware Upgrade. See

2.   Firmware upgrade.

3.   Tap Detailed Configuration to access detailed reader settings, modify settings and directly apply them to the reader. See View detailed reader configuration.

xv.   Configure the reader:

xvi.   Tap APPLY TEMPLATE to select and apply template configuration settings to the reader.

xvii.   Select a listed template from the Templates screen. From the Select Operation menu, tap Apply.

xviii.   You may have to power cycle the reader to have changes take effect.

Note: Before applying a template, inspect the reader with the Reader Manager app to determine available configuration settings. Only include valid configurations in the template definition.

Applies to

Additional Information