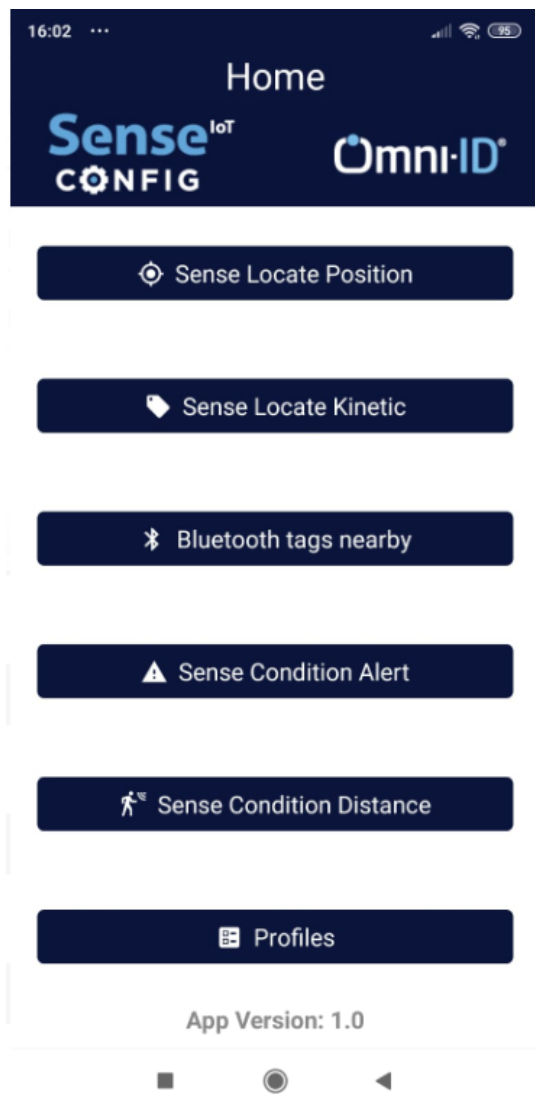


Omni-ID<sup>®</sup>

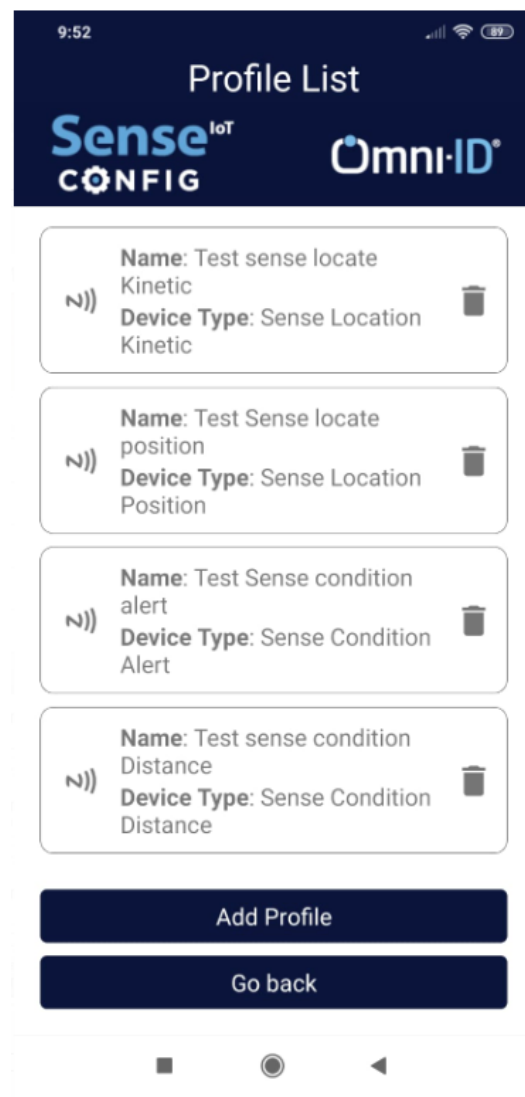
Sense<sup>IoT</sup>  
CONFIG

**CONFIG ANDROID  
USER GUIDE**

## Homepage

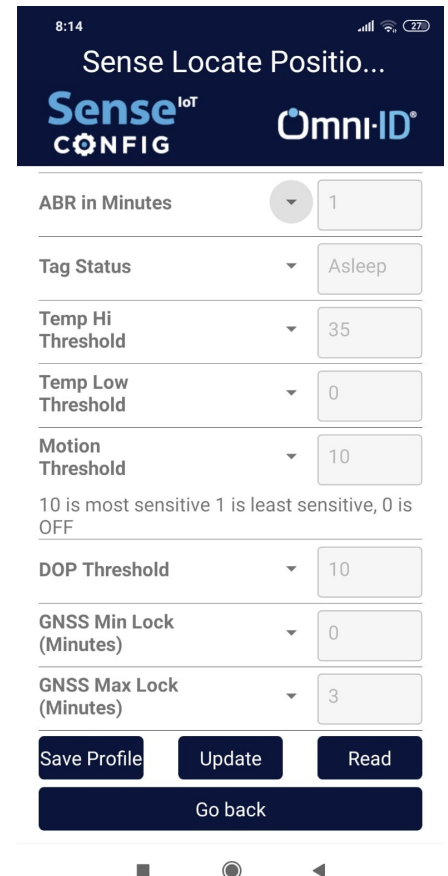
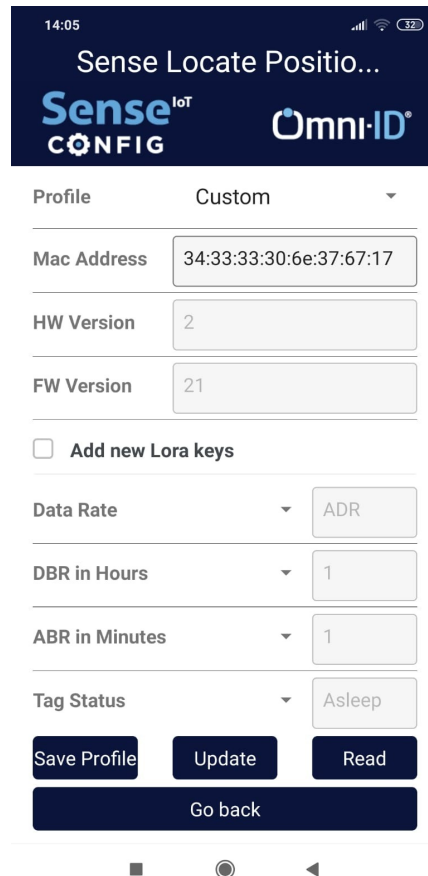
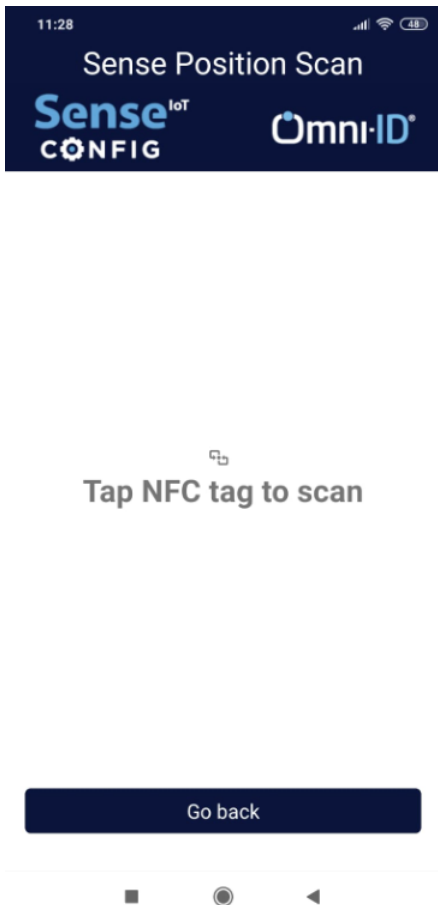


## Saved Profiles



Choose Device type or choose a profile if already saved for device type to be configured

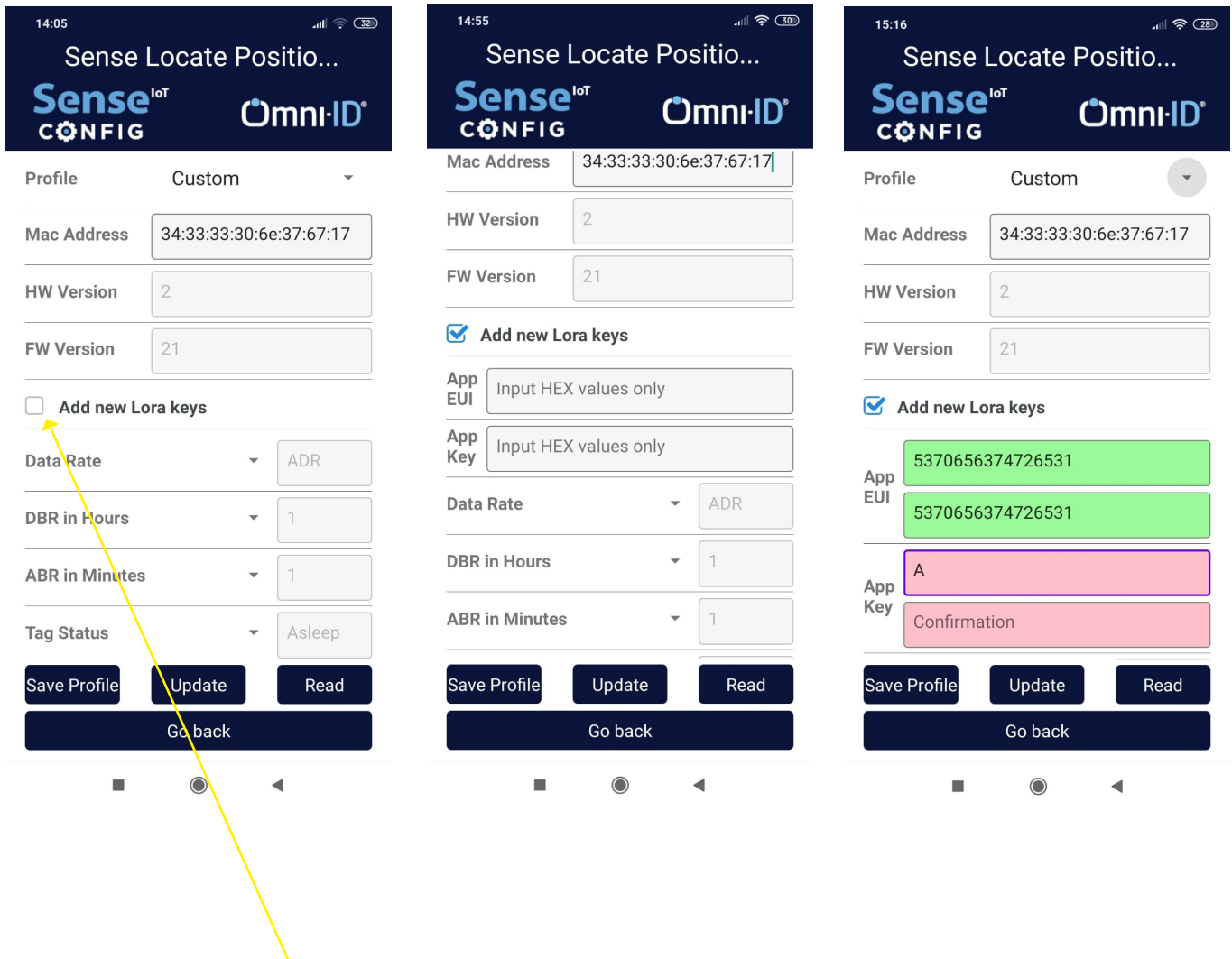
## SENSE LOCATE POSITION



- Tap Android Smart Mobile Device on Sense Locate Position Device
- App populates fields with preconfigured values
- Choose new values from drop down list
- Click on Update to save new values to device (App indicates as "Update finished successfully" and populates fields with new updated values)
- Click on Save Profile and name profile to save current settings to be reuse again to configure multiple devices

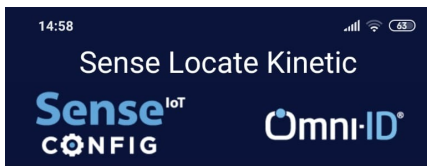
## SENSE LOCATE POSITION

### ADDING NEW LORA VALUES



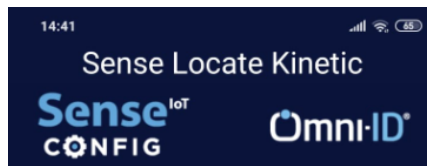
- Select "Add New LoRa Keys"
- Enter new Values in Field titled "APP EUI" (16 HEX Charaxters-8 Bytes)
- Enter new Values in Filed Titled "APP Key" (32 HEX Characters-16 Bytes)
- If Values in Field 1 match with values in confirmation field, then both fields go Green otherwise one stays Pink indicating that values don't match in two fields

## SENSE LOCATE KINETIC



Tap NFC tag to scan

Go back



Profile Custom

Mac Address 70:b3:d5:01::e2:47

HW Version 1

FW Version 12

Local Name 1seBle13

Beacon Type 13

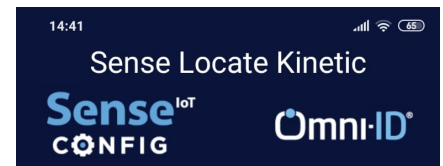
Tag TX Power +8dBm

Tag Status Asleep

DBR in Seconds 10

Save Profile Update Read

Go back



Profile Custom

Mac Address 70:b3:d5:01::e2:47

HW Version 1

FW Version 12

Local Name 1seBle13

Beacon Type Generic

Tag TX Power +8dBm

Tag Status Asleep

DBR in Seconds 10

Save Profile Update Read

Go back



Beacon Type 13

Tag TX Power +8dBm

Tag Status Asleep

DBR in Seconds 10

ABR in Seconds 1

Temp Hi Threshold 35

Temp Low Threshold 0

Motion Threshold 10

10 is most sensitive 1 is least sensitive, 0 is OFF

Save Profile Update Read

Go back

- Tap Android Smart Mobile Device on Sense Locate Kinetic Device
- App populates fields with preconfigured values
- Choose new values from drop down list
- Local name can be chosen up to 10 characters
- Click on Update to save new values to device (App indicates as "Update finished successfully" and populates fields with updated values)
- Click on Save Profile and name profile to save current settings to be reuse again to configure multiple devices



# SENSE LOCATE KINETIC

## BEACON PROFILES

### Generic

8:19

Sense Locate Kinetic

Sense<sup>IoT</sup> CONFIG Omni-ID<sup>®</sup>

Profile Custom

Mac Address 70:b3:d5:01::e2:47

HW Version 1

FW Version 12

Local Name

Beacon Type Gener..

Tag TX Power +8dBm

Tag Status Asleep

DBR in Seconds 10

Save Profile Update Read

Go back

- Following fields can be populated with new values depending on Beacon Profile
- iBeacon= iBeacon UUID(32 HEX Characters-16 Bytes), Major Number(4 HEX Characters-2 Bytes), Minor Number(4 HEX Characters-2 Bytes)
- Eddystone= Eddystone UUID(20 HEX Characters-10 Bytes), Instance(12 HEX Characters-6 Bytes)

### iBeacon

13:19

Sense Locate Kinetic

Sense<sup>IoT</sup> CONFIG Omni-ID<sup>®</sup>

Beacon Type iBeacon

CBDA44724211A350FF1196FFE8C8

Please input and confirm entry

iBeacon UUID

Major Number 2B DDFF

Minor Number 2B AABB

Tag TX Power +8dBm

Save Profile Update Read

Go back

Current Values Tag is configured with

Fields to enter new Values

### Eddystone

13:19

Sense Locate Kinetic

Sense<sup>IoT</sup> CONFIG Omni-ID<sup>®</sup>

Beacon Type Eddys..

B558CBDA44724211A350

Please input and confirm entry

Eddystone UUID

Eddystone Instance

Tag TX Power +8dBm

Save Profile Update Read

Go back

## SENSE LOCATE KINETIC

### ENTERING NEW VALUES

The screenshot shows the 'Sense Locate Kinetic' app interface. At the top, the status bar shows the time 13:23, signal strength, Wi-Fi, and battery at 35%. The app header includes the 'Sense IoT CONFIG' logo and the 'Omni-ID' logo. Below the header, there are three main configuration sections:

- Beacon Type:** A dropdown menu set to 'Eddys..' with an 'iBeacon' button next to it.
- Eddysone UUID 10B:** A text field containing 'B558CBDA44724211A350'. Below it, a prompt says 'Please input and confirm entry'. Two input fields are shown, both containing 'AABBCCDDEEFF01020305' and are highlighted with a yellow border and green background.
- Eddysone Instance 6B:** A text field containing 'FF1196FFE8C8'. Below it, a prompt says 'Please input and confirm entry'. Two input fields are shown. The first contains 'AABBCCDDEEFF' and has a pink background. The second contains 'AABBCCDDEEFD' and has a green background. Both are highlighted with a yellow border.

At the bottom, there is a 'Tag TX Power' dropdown set to '+8dBm' and four buttons: 'Save Profile', 'Update', 'Read', and a large 'Go back' button.

If Values in confirmation filed match with values in Field 1 then both fields turn green

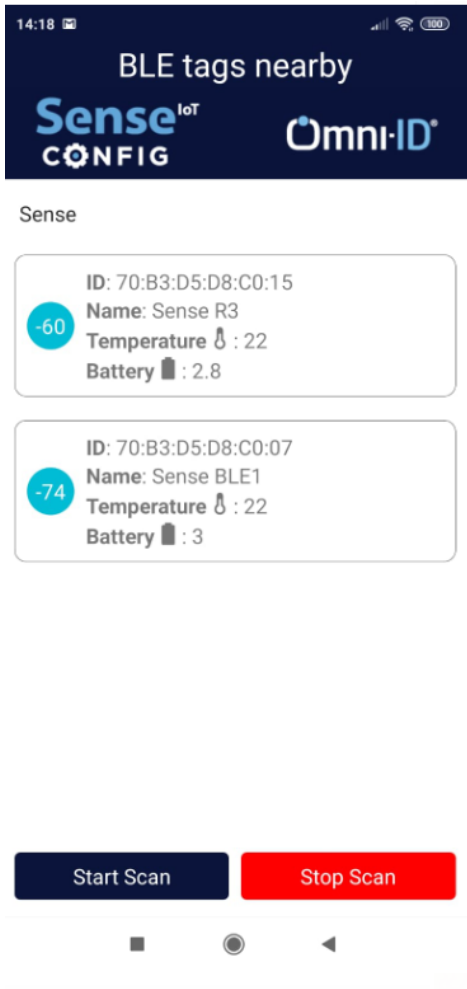
If Values in confirmation filed don't match with values in Field 1 or Non-HEX values have been populated, then field 1 remains pink indicating that there is a mismatch of values

- Click on Update to save new values to device (App indicates as "Update finished successfully" and populates fields with new updated values)
- Click on Save Profile and name profile to save current settings to be reuse again to configure multiple devices

# BLUETOOTH TAGS NEARBY



Devices can be filtered by ID



App scans nearby BLE devices by Mobile phone



## SENSE CONDITION ALERT

A screenshot of the same Android app interface, but showing the configuration screen. The status bar shows the time 8:19 and battery level 26%. The title bar is the same. Below the title bar, there's a 'Profile' dropdown menu set to 'Custom'. Below that are three input fields: 'Mac Address' with the value '39:34:35:37:5a:37:69:06', 'HW Version' with the value '0', and 'FW Version' with the value '10'. Below these is a checkbox labeled 'Add new Lora keys' which is unchecked. Then there are three more dropdown menus: 'Data Rate' set to '0', 'DBR in Hours' set to '0', and 'ABR in Minutes' set to '0'. Below these is a 'Tag Status' dropdown menu set to 'Asleep'. At the bottom, there are three buttons: 'Save Profile', 'Update', and 'Read'. Below these buttons is a dark blue button labeled 'Go back'.

- Tap Android Smart Mobile Device on Sense Condition Alert Device
- App populates fields with preconfigured values
- Choose new values from drop down list
- Click on Update to save new values to device (App indicates as "Update finished successfully" and populates fields with new updated values)
- Click on Save Profile and name profile to save current settings to be reuse again to configure multiple devices

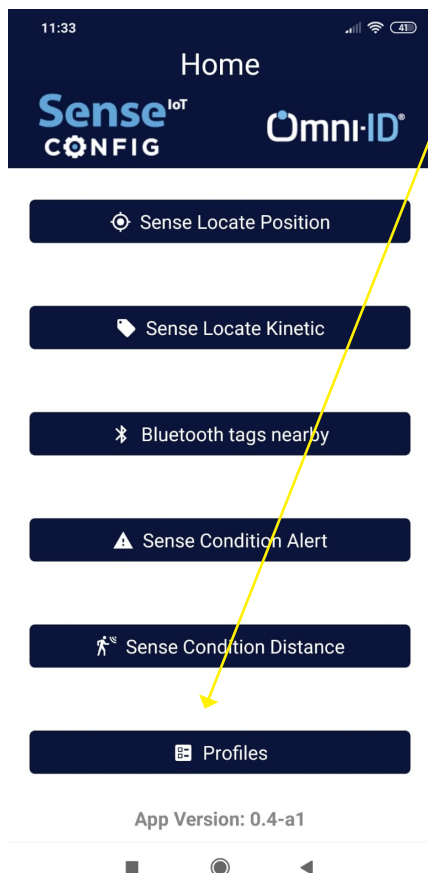
## SENSE CONDITION DISTANCE

The image displays three sequential screenshots of the 'Sense Condition Dist...' app interface, which is branded with 'Sense IoT CONFIG' and 'Omni-ID' logos.

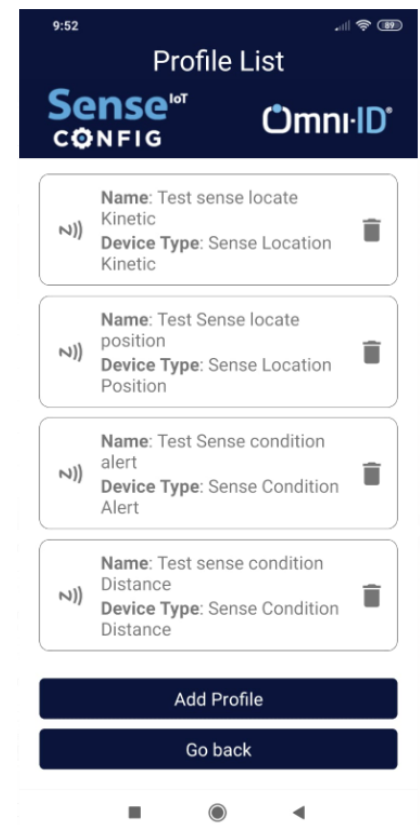
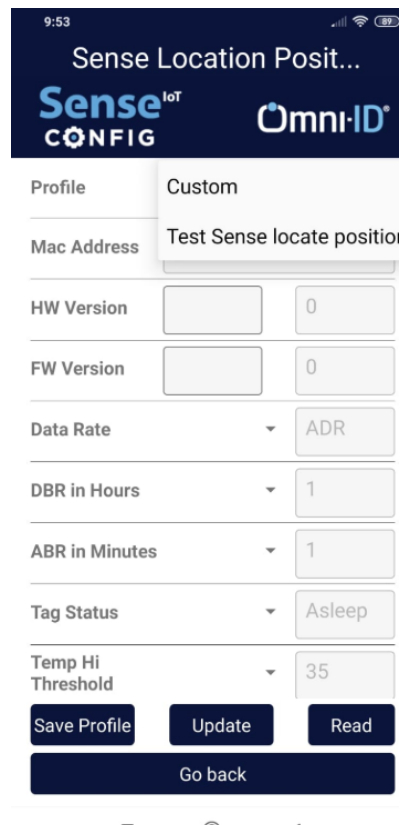
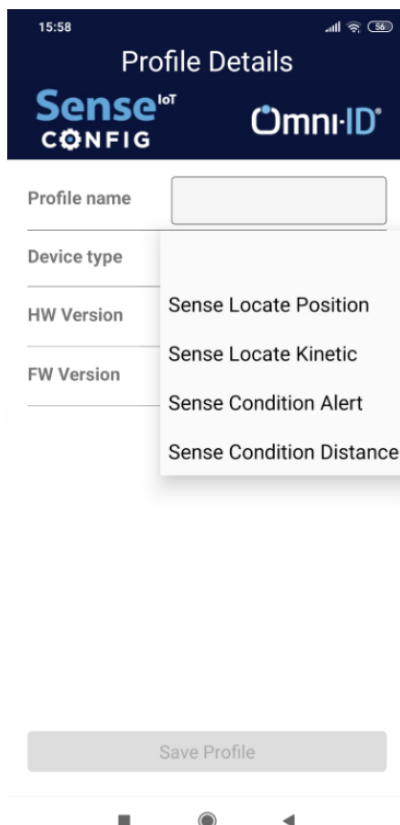
- Left Screenshot (16:21):** Shows the initial screen with the instruction 'Tap NFC tag to scan' and a 'Go back' button at the bottom.
- Middle Screenshot (8:20):** Shows the configuration screen with a 'Profile' dropdown set to 'Custom'. Fields include 'Mac Address' (39:34:35:37:71:37:70:06), 'HW Version' (0), and 'FW Version' (10). There is an unchecked checkbox for 'Add new Lora keys'. Below these are dropdowns for 'Data Rate' (0), 'DBR in Hours' (0), 'Sensor Period in minutes' (0), and 'Tag Status' (Asleep). At the bottom are 'Save Profile', 'Update', and 'Read' buttons, along with a 'Go back' button.
- Right Screenshot (16:00):** Shows the configuration screen with a different set of values: 'Data Rate' (ADR), 'DBR in Hours' (1), 'Sensor Period in minutes' (5), 'Tag Status' (Asleep), 'Range Threshold in mm' (300), 'Range Offset in mm' (30), 'Max Range in cm' (200), and 'Enter Alarm State(above/below)' (16). The 'Save Profile', 'Update', 'Read', and 'Go back' buttons are also present.

- Tap Android Smart Mobile Device on Sense Condition Distance Device
- App populates fields with preconfigured values
- Choose new values from drop down list
- Click on Update to save new values to device (App indicates as "Update finished successfully" and populates fields with new updated values)
- Click on Save Profile and name profile to save current settings to be reuse again to configure multiple devices

## SAVING AND USING SAVED PROFILE TO CONFIGURE IOT DEVICE



- Saved Profiles can be accessed from home page under “Profiles” tab and from there new Profile can also be created
- Click on Add Profile
- Give Profile a Name
- Choose Device type
- Choose values to be configured/saved from drop down list
- Click on Save Profile
- These saved profiles can be used to configure multiple devices with similar settings



Omni-ID®