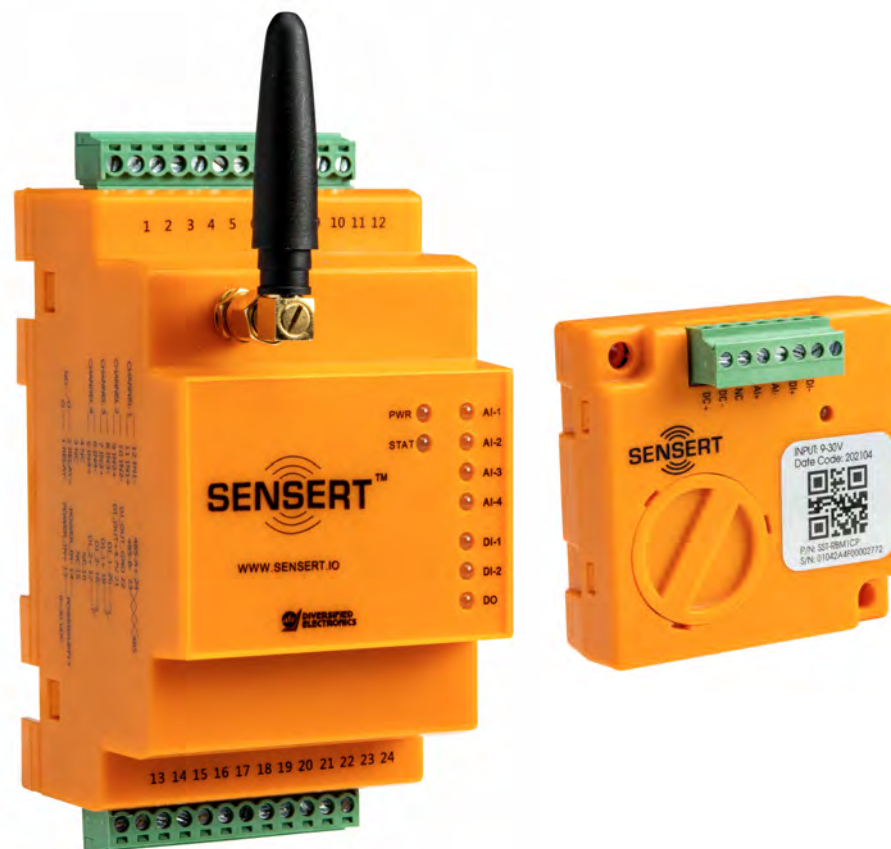


SENSERT

Remote Process Monitoring & Alerts



Mobile App Tutorial

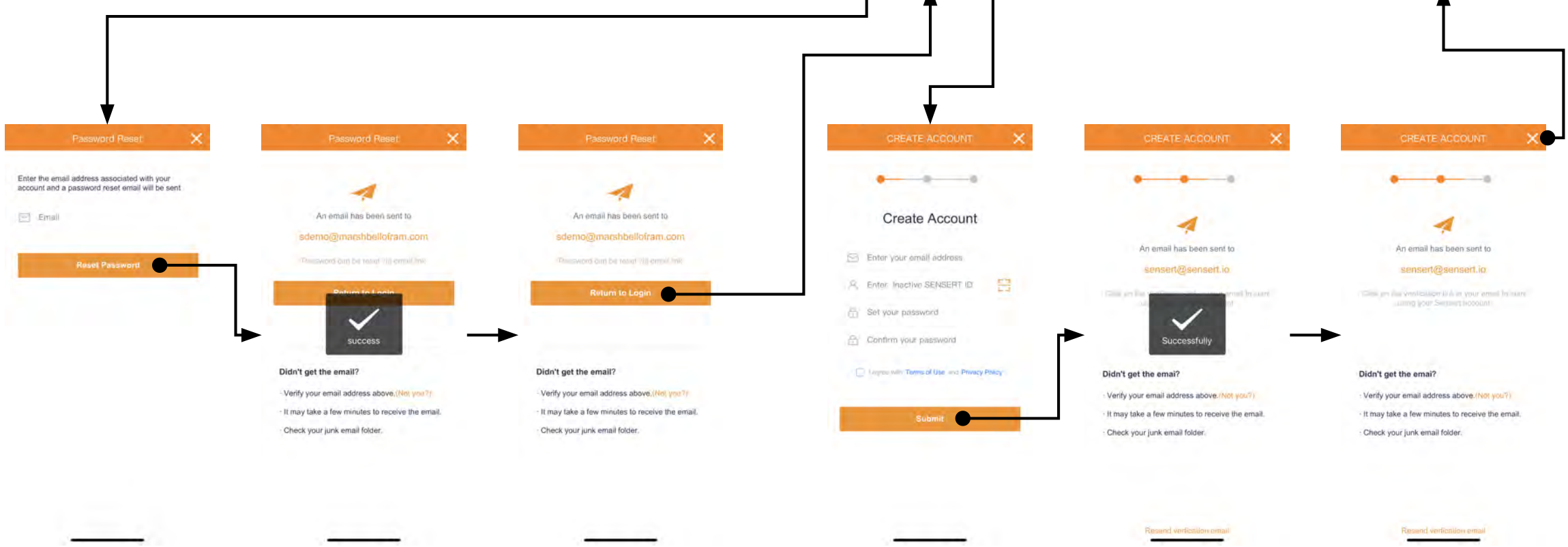
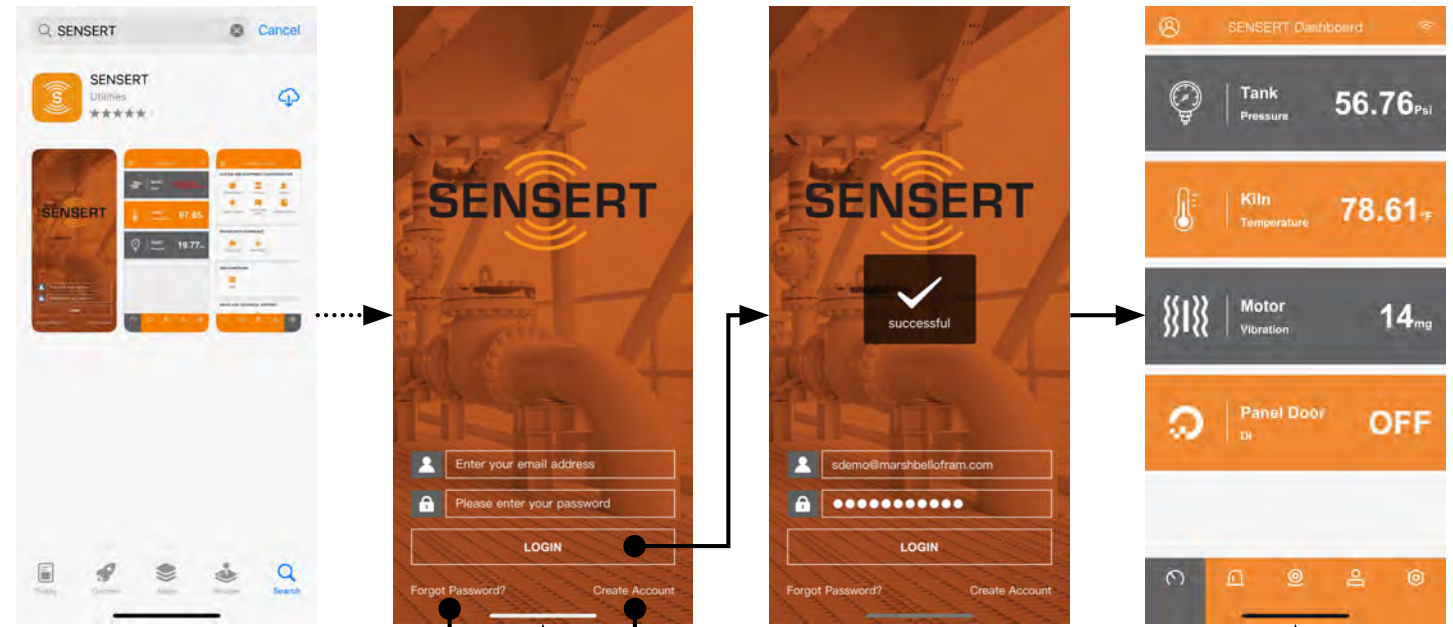


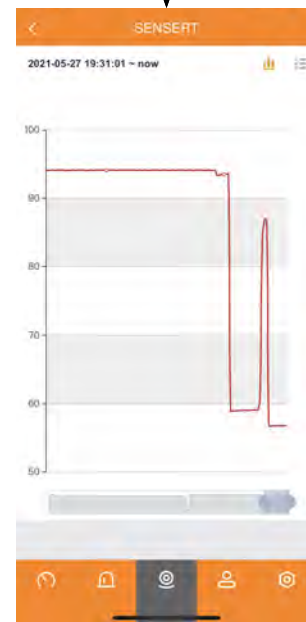
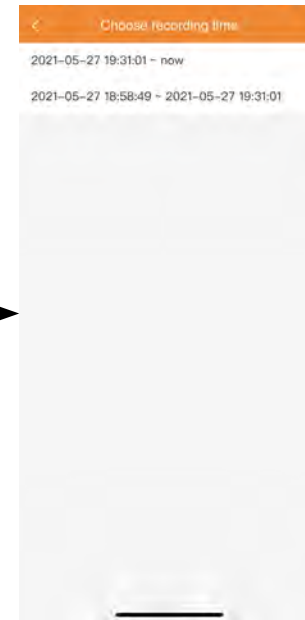
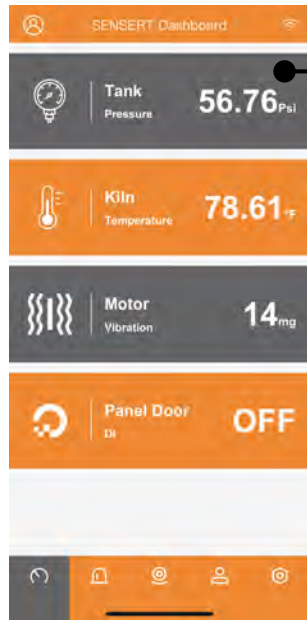
The SENSERT Mobile App is designed for Apple and Android phones but is not optimized for tablets (use Web Portal on tablets). This user's manual illustrates the SENSERT Mobile App on an iPhone.

1.....Table of Contents
2.....Quick Setup Guide
3. Dashboard [Channel].....view channel data (detailed & list views)
4. Dashboard [Account].....view/edit linked accounts
5. Dashboard [Communication].....toggle between WiFi & Mesh modes
6. Alerts.....view alerts
7. Devices [Base Unit].....view/edit Base Unit channel data
8. Devices [Remote I/O].....view/edit Remote I/O channel data
9. Users.....view user data
10. Configuration [System and Equipment Configuration - Dashboard].....add dashboard
11. Configuration [System and Equipment Configuration - Dashboard].....edit/delete dashboard
12. Configuration [System and Equipment Configuration - Devices].....add Base Unit
13. Configuration [System and Equipment Configuration - Devices].....add Remote I/O
14. Configuration [System and Equipment Configuration - Devices].....view devices / edit/reboot Base Unit
15. Configuration [System and Equipment Configuration - Devices].....add/edit Base Unit analog input channels
16. Configuration [System and Equipment Configuration - Devices].....add/edit Base Unit digital input channels
17. Configuration [System and Equipment Configuration - Devices].....add/edit Base Unit digital output channel
18. Configuration [System and Equipment Configuration - Devices].....add/edit Remote I/O analog/digital input & vibration channel / reboot Remote I/O
19. Configuration [System and Equipment Configuration - Devices].....delete devices
20. Configuration [System and Equipment Configuration - Users].....add/edit users
21. Configuration [System and Equipment Configuration - Users].....view/delete users
22. Configuration [System and Equipment Configuration - Custom Alert].....view/add/edit custom alerts
23. Configuration [System and Equipment Configuration - Custom Alert].....delete custom alerts
24. Configuration [System and Equipment Configuration - Threshold Alert].....view/add threshold alerts
25. Configuration [System and Equipment Configuration - Threshold Alert].....edit delete threshold alerts
26. Configuration [System and Equipment Configuration - Notification].....add/edit contacts
27. Configuration [System and Equipment Configuration - Notification].....view/delete contacts
28. Configuration [Device Data Download - Download].....download (email) device data
29. Configuration [Device Data Download - Download].....view device data
30. Configuration [Device Data Download - Records].....view data download history
31. Configuration [SMS Configure - SMS].....view/add SMS notifications
32. Configuration [Sales and Technical Support - FAQ / Documentation / Contact].....FAQ/documentation/contact
33. Configuration [Sales and Technical Support - Update Firmware].....update Base Unit & Remote I/O firmware

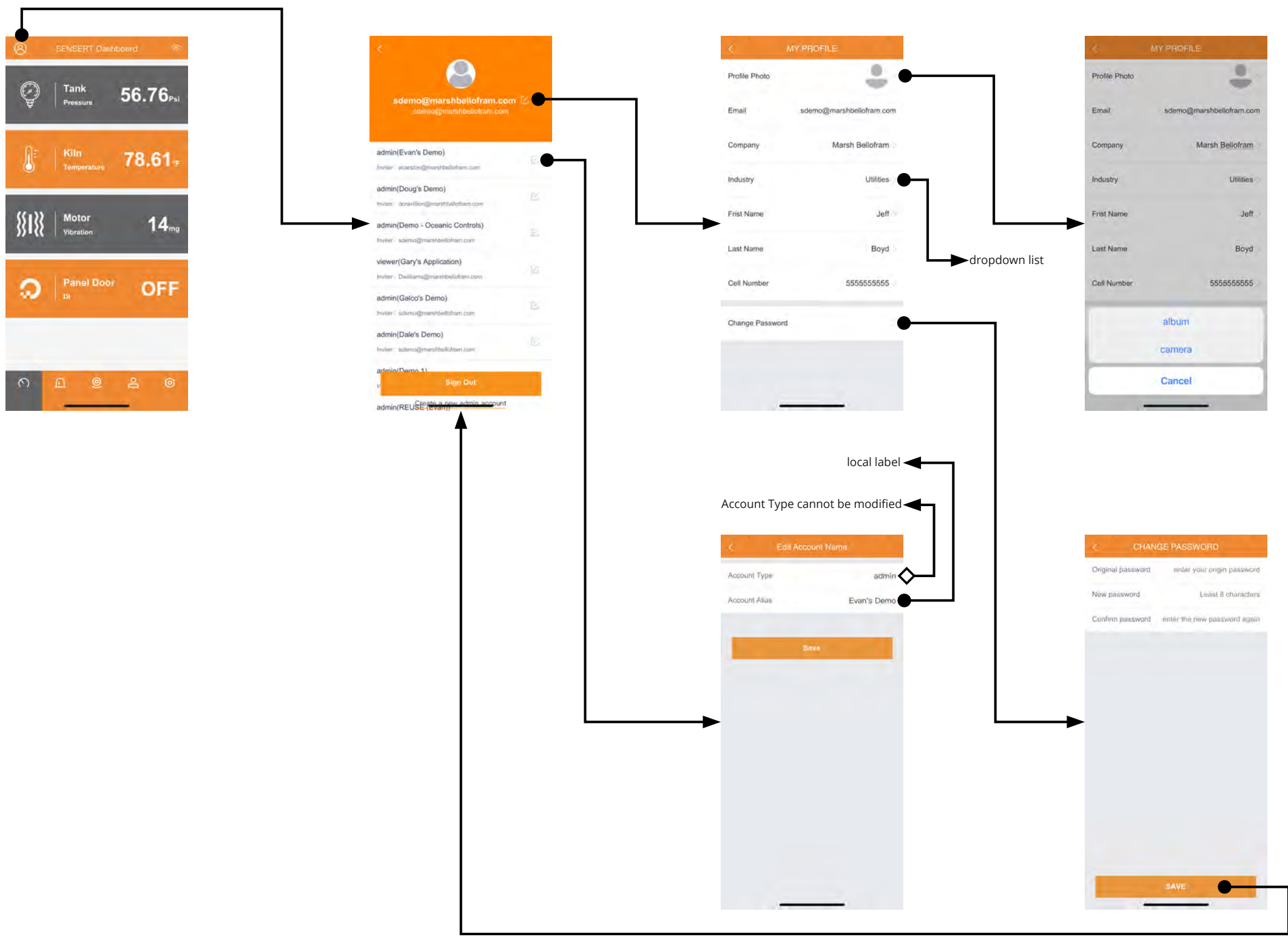
If you do not have an existing SENSERT account (username and password), please follow this quick setup procedure:

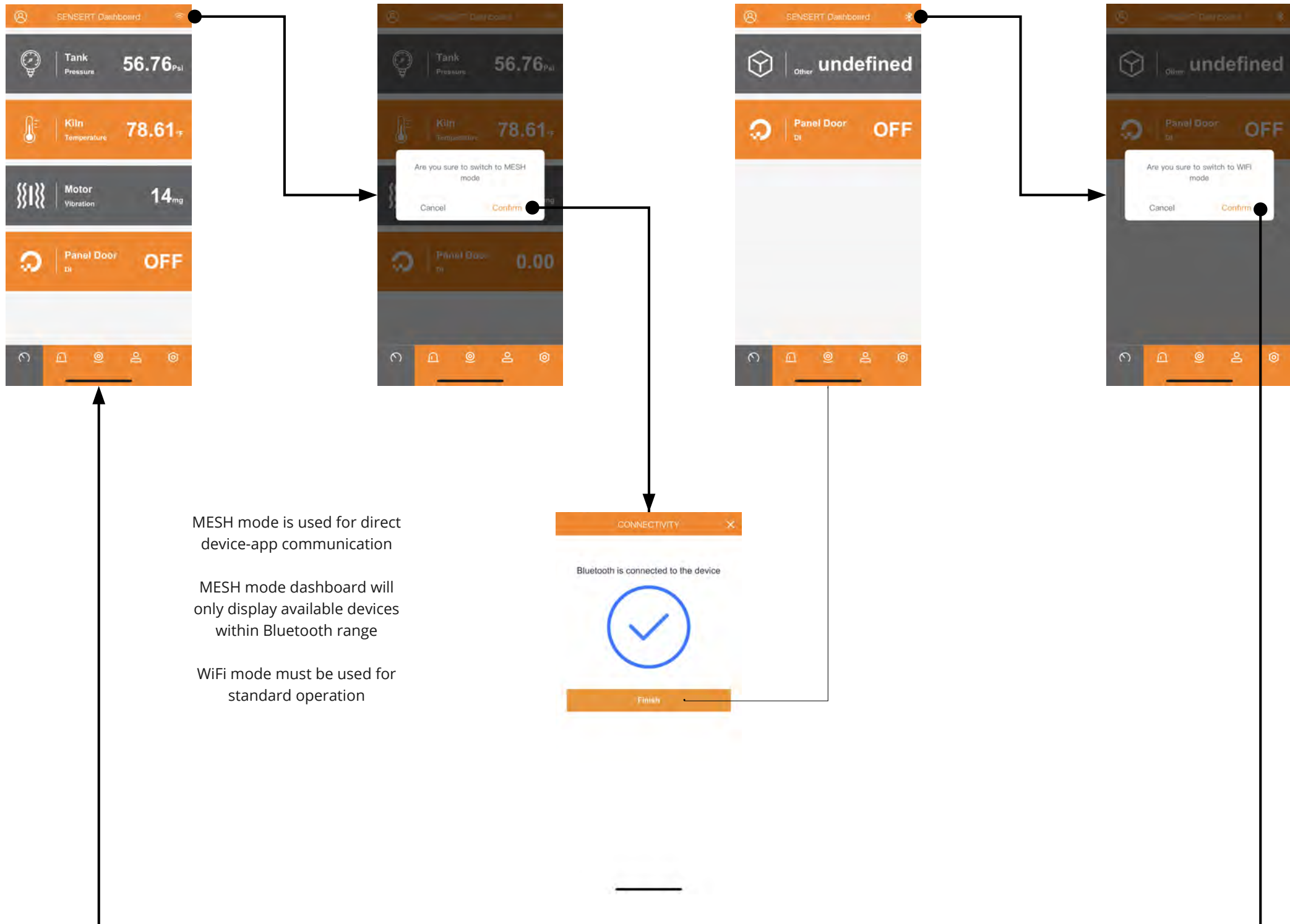
1. Download SENSERT Mobile App
2. Create account (username and password)
3. Add devices (pages 12-18)
4. Update firmware (page 33)





Time	Value	Unit
2022-01-02 16:14:20	56.76	Psi
2022-01-02 16:12:50	56.74	Psi
2022-01-02 16:11:20	56.71	Psi
2022-01-02 16:09:50	56.72	Psi
2022-01-02 16:08:20	56.73	Psi
2022-01-02 16:06:50	56.72	Psi
2022-01-02 16:05:20	56.73	Psi
2022-01-02 16:03:50	56.69	Psi
2022-01-02 16:02:20	56.69	Psi
2022-01-02 16:01:50	86.79	Psi
2022-01-02 16:01:20	86.78	Psi
2022-01-02 16:00:50	82.54	Psi

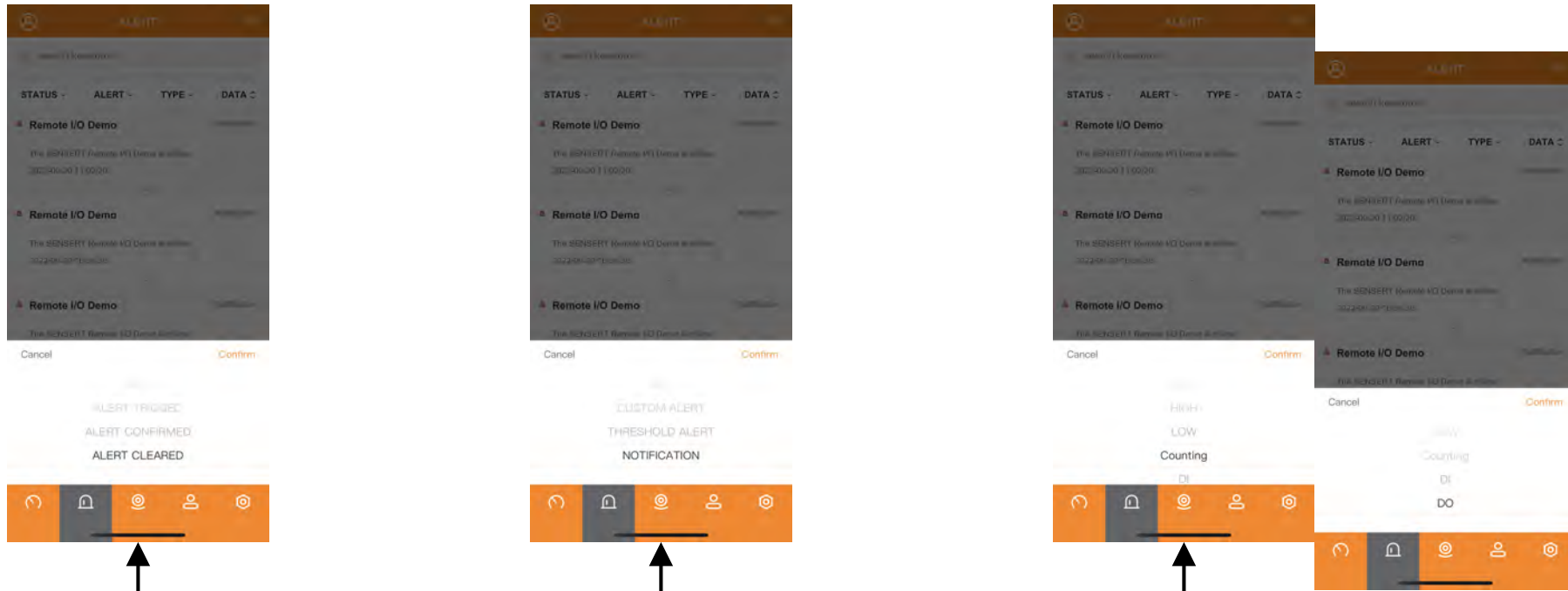




MESH mode is used for direct device-app communication

MESH mode dashboard will only display available devices within Bluetooth range

WiFi mode must be used for standard operation



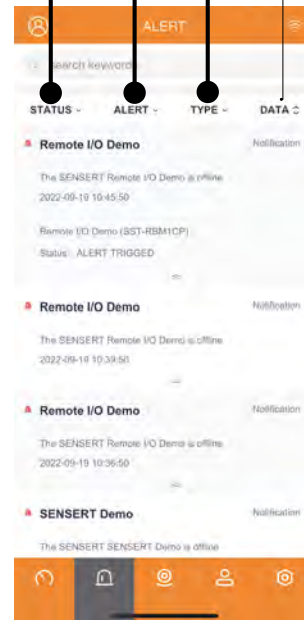
ALERT TRIGGERED - channel is in alert
 ALERT CONFIRMED - channel alert has been acknowledged by a user
 CLEARED - channel is no longer in alert

alerts can be...

- triggered & confirmed
- triggered & unconfirmed
- cleared & confirmed
- cleared & unconfirmed

CUSTOM ALERT - alert created by a user
 THRESHOLD ALERT - alert based off of device/channel settings
 NOTIFICATION - non-alert communication (e.g., device offline, payment due)

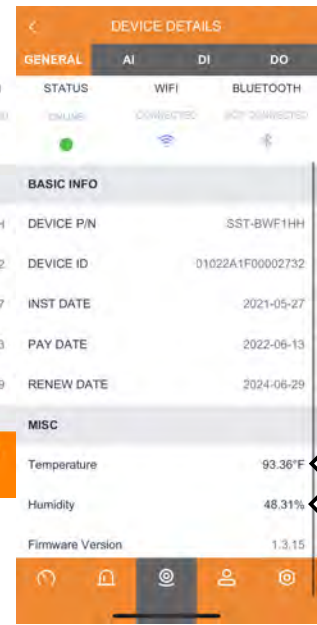
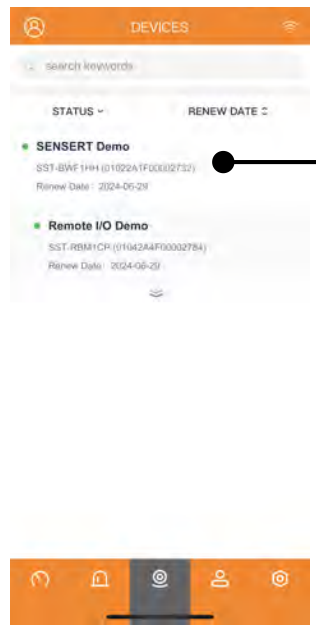
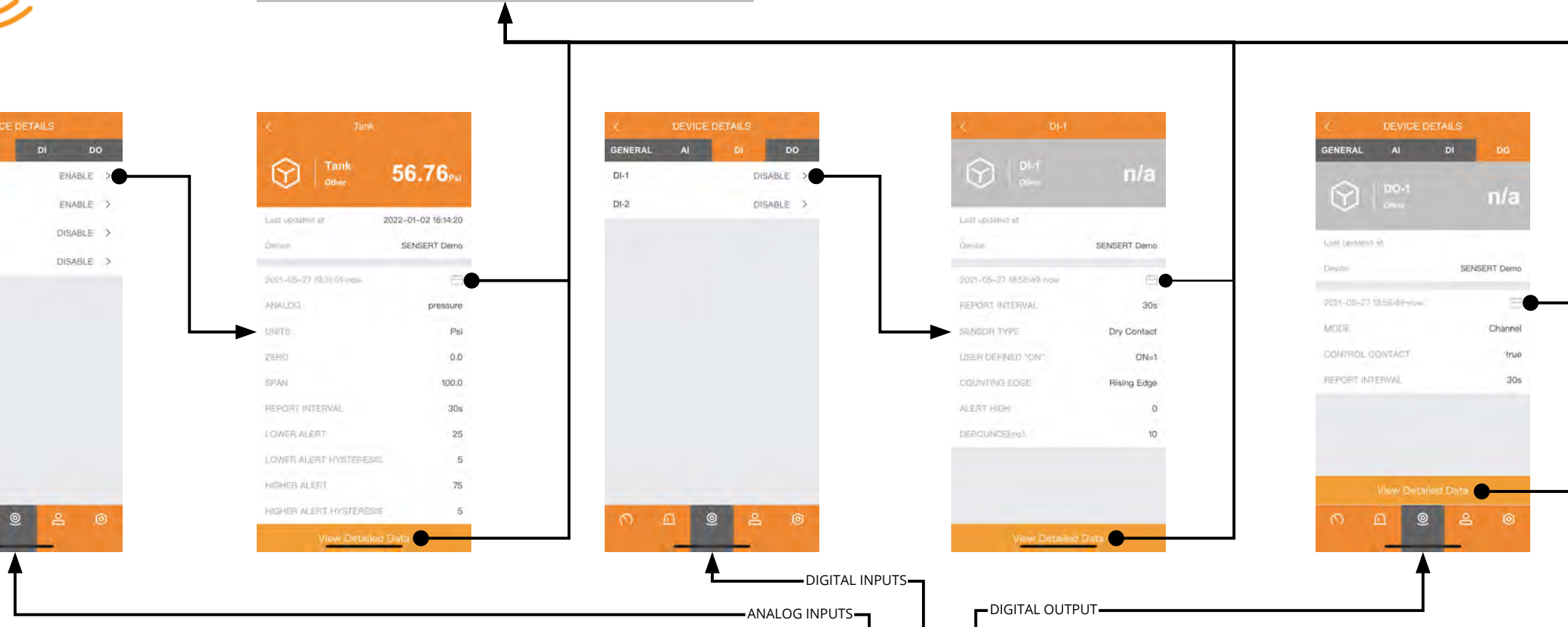
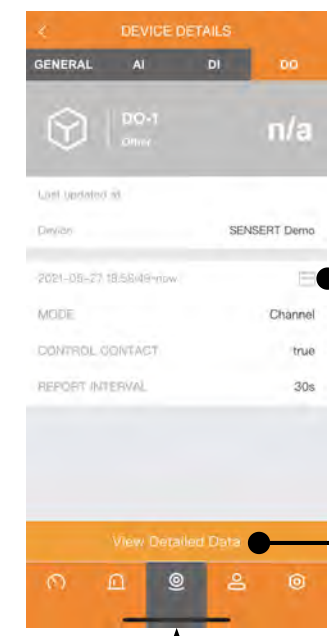
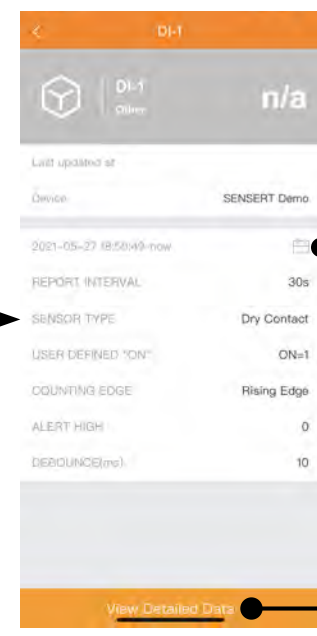
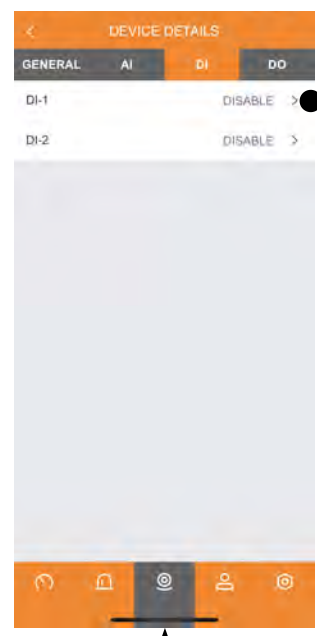
HIGH - alert above setpoint
 LOW - alert below setpoint
 Counting - digital input in counting mode
 DI - digital input
 DO - digital output



date/time channel
went into alert



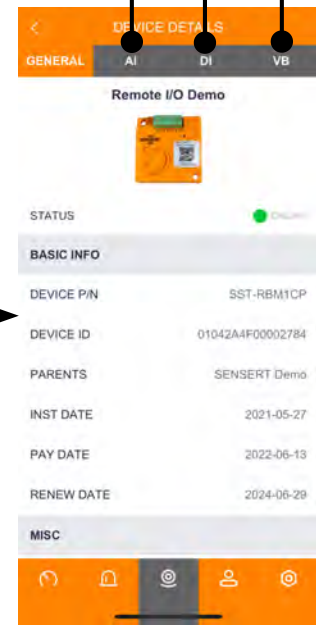
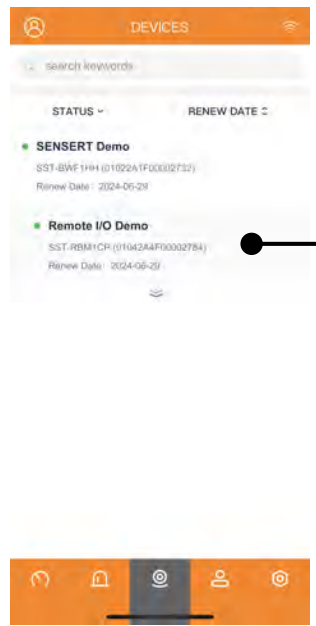
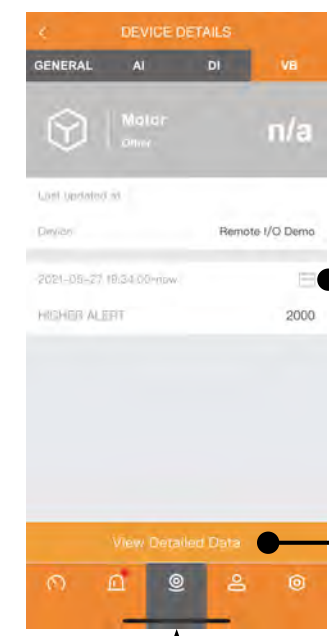
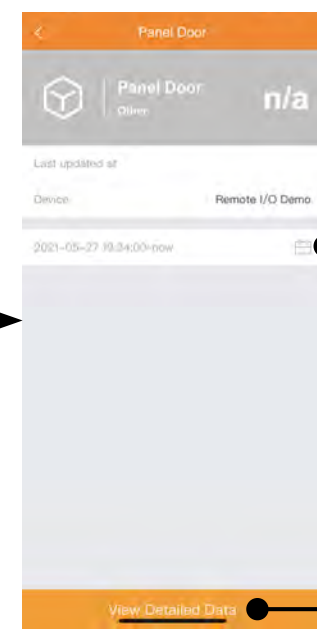
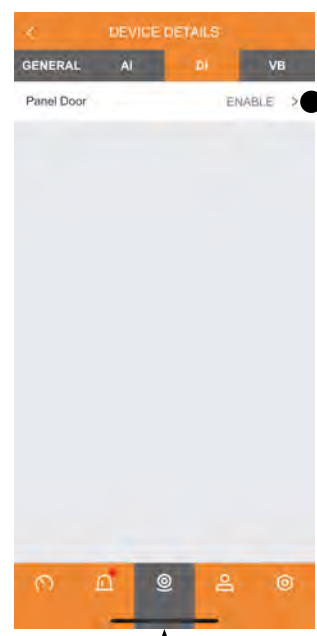
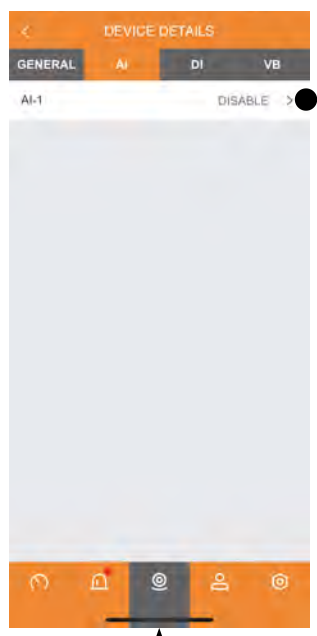
Same as Dashboard [Channel] (page 3)



internal Temperature and Humidity sensors are for troubleshooting purposes only and cannot trigger alerts



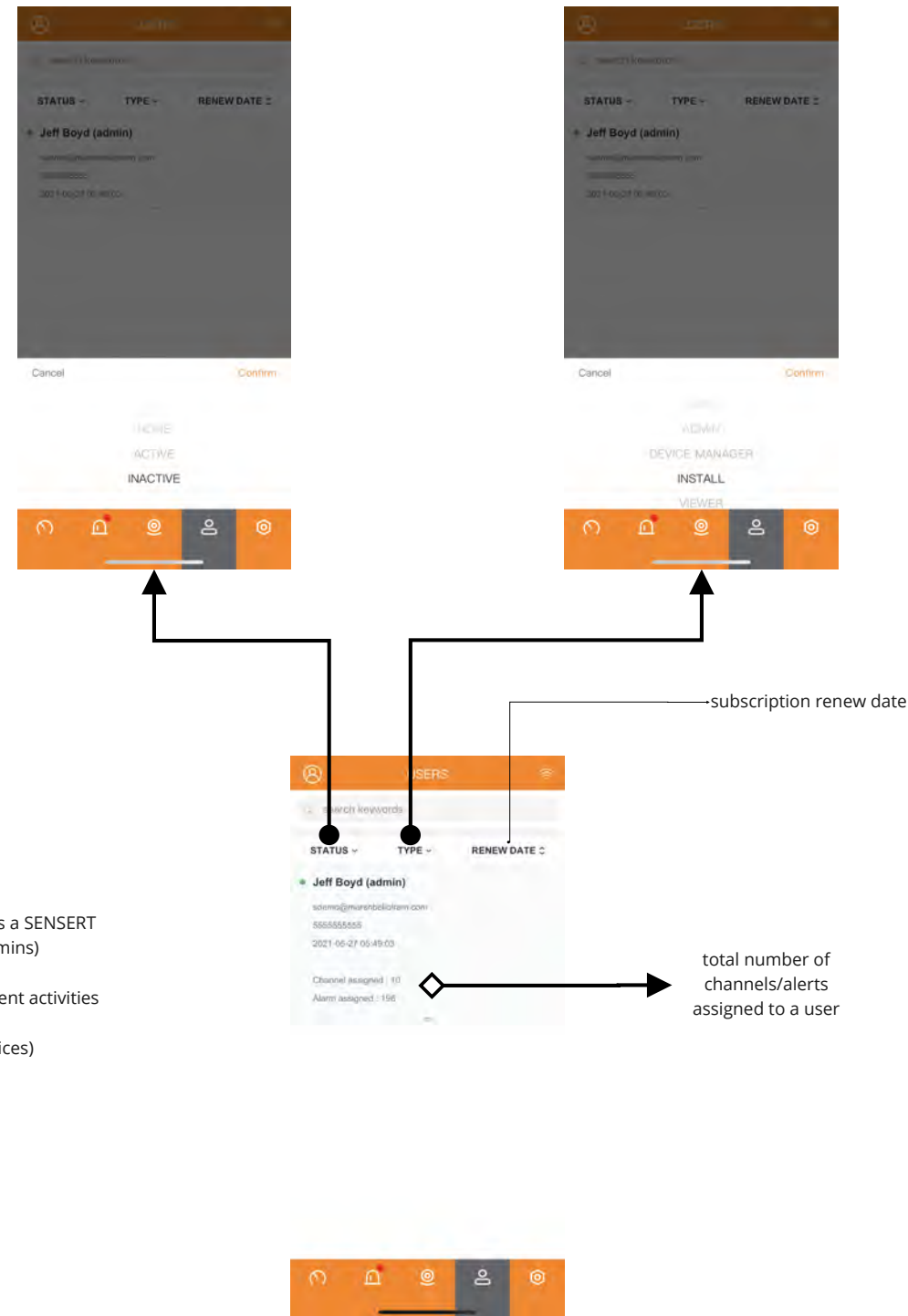
Same as Dashboard [Channel] (page 3)



BASIC INFO		BASIC INFO	
DEVICE P/N	SST-RBM1CP	DEVICE P/N	SST-RBM1CP
DEVICE ID	01042A4F00002784	DEVICE ID	01042A4F00002784
PARENTS	SENSERT Demo	PARENTS	SENSERT Demo
INST DATE	2021-05-27	INST DATE	2021-05-27
PAY DATE	2022-06-13	PAY DATE	2022-06-13
RENEW DATE	2024-06-29	RENEW DATE	2024-06-29
MISC		MISC	
Battery Life	100%		
Wake Mode	LPN		
Firmware Version	0.0.0		
Report Interval	180s		

DIGITAL INPUTS
ANALOG INPUTS
VIBRATION SENSOR

FUTURE DEVELOPMENT



ACTIVE - active user
 INACTIVE - user that has not yet confirmed his/her account

ADMIN - [Administrator] full account privileges (the user that initially creates a SENSERT account will automatically be assigned as an admin and can invite other admins)

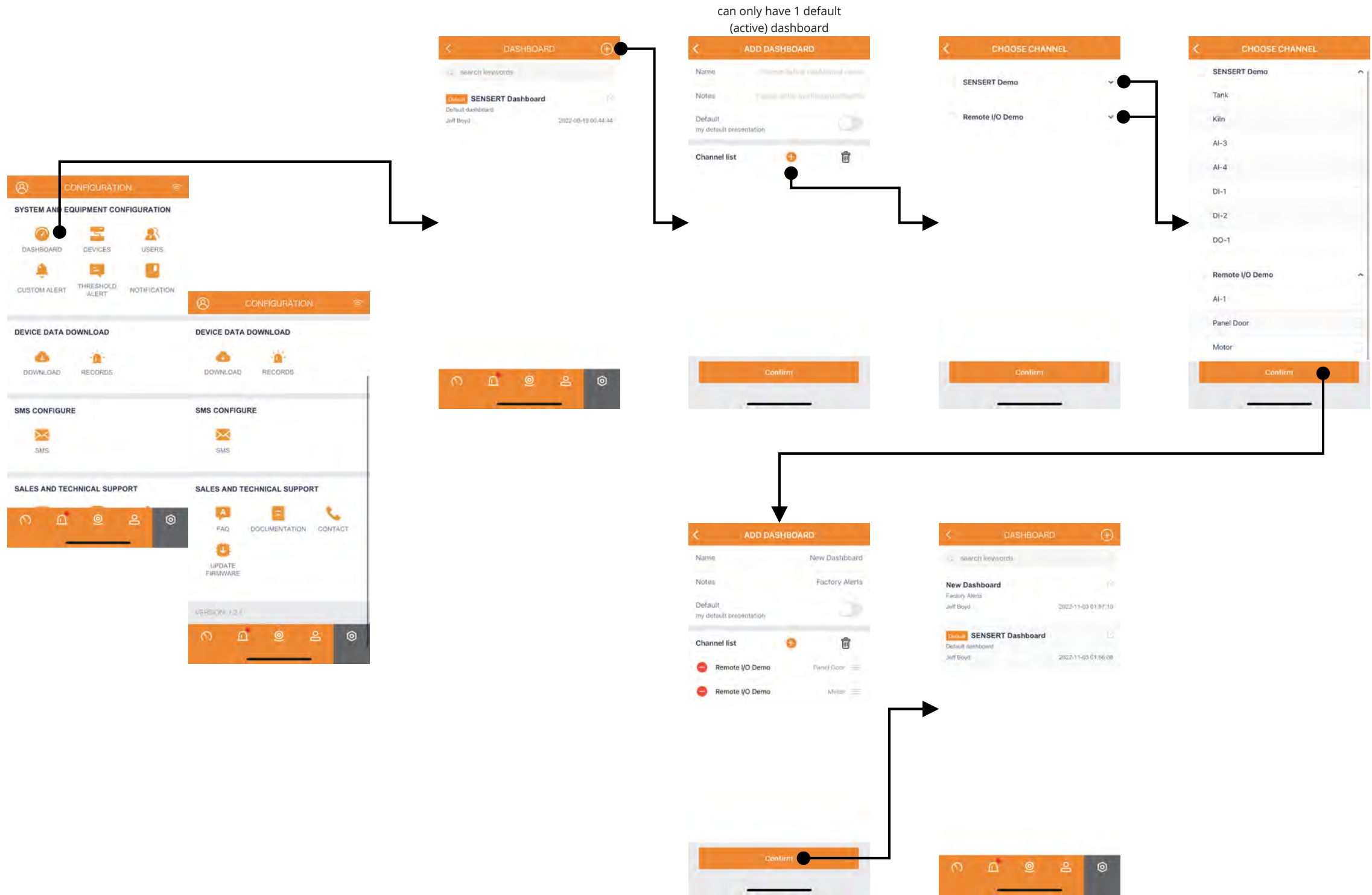
DEVICE MANAGER - same privileges as Admin except for subscription payment activities

INSTALLER - only permission to add/edit devices (cannot disable/delete devices)

VIEWER - only permission to view dashboard assigned to him/her

subscription renew date

total number of channels/alerts assigned to a user



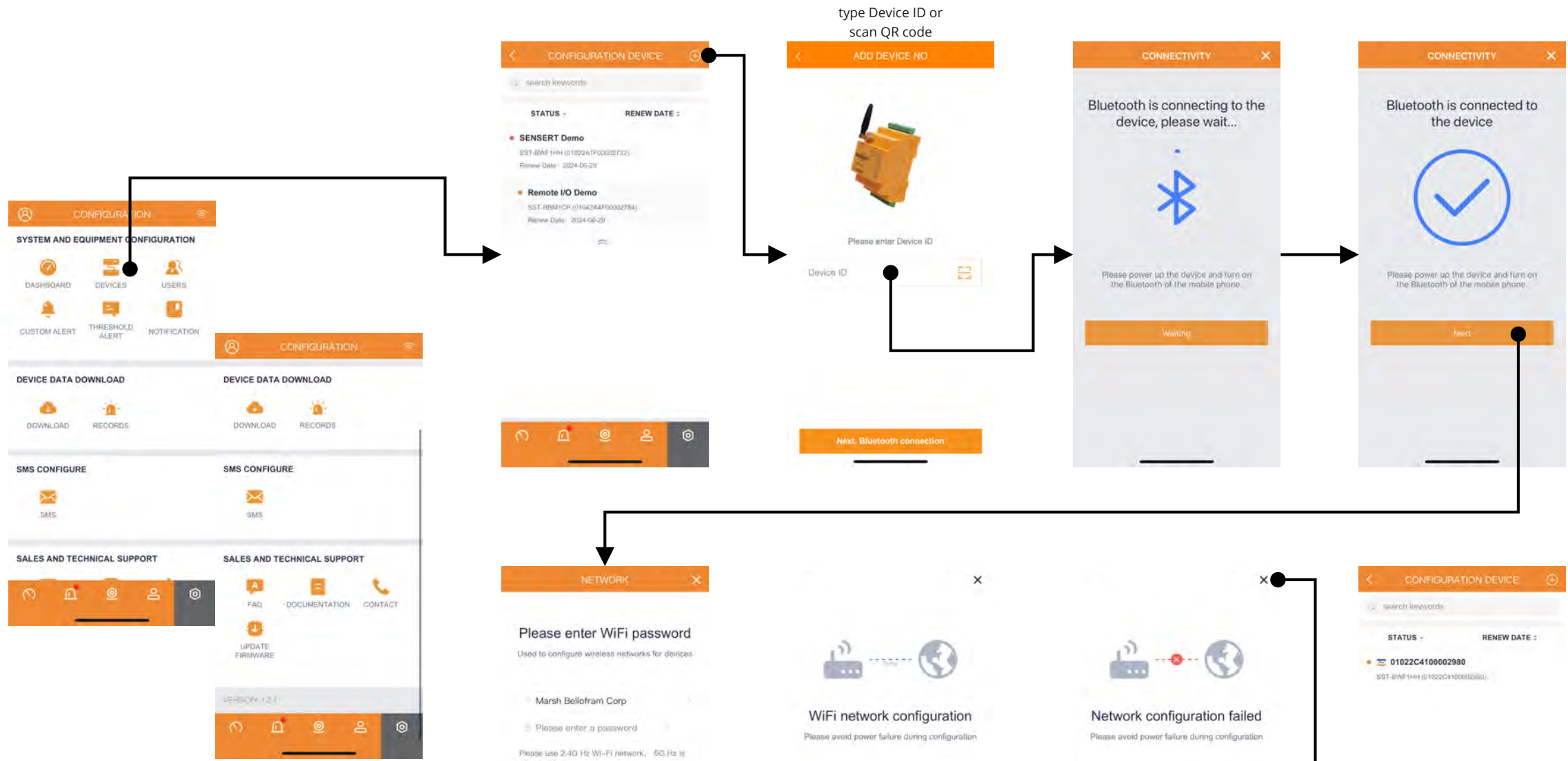
can only have 1 default (active) dashboard



drag handles to rearrange

SLIDE LEFT

success

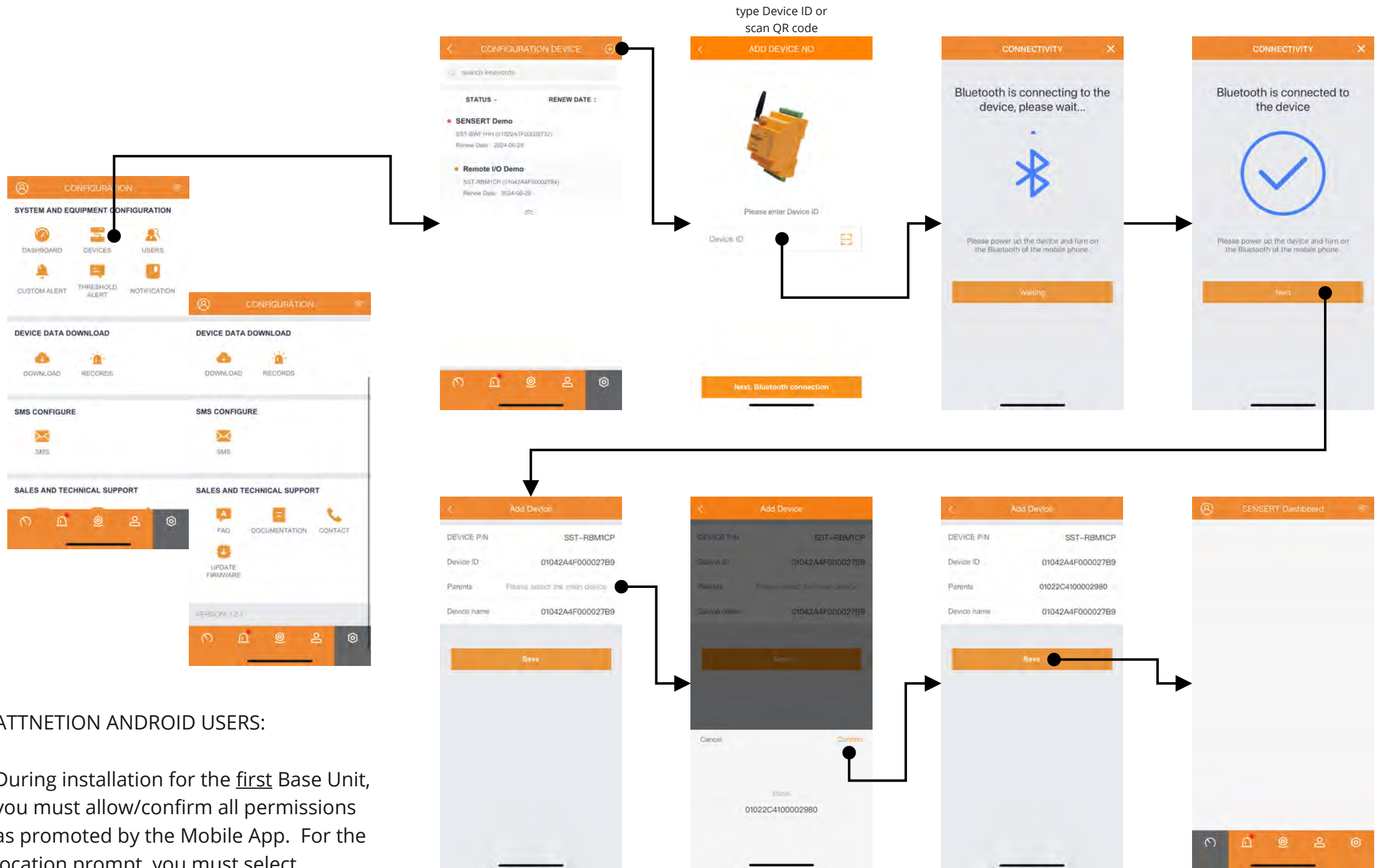


ATTENTION ANDROID USERS:

During installation for the first Base Unit, you must allow/confirm all permissions as promoted by the Mobile App. For the location prompt, you must select "Precise". Additionally, the "Nearby devices" permission must be allowed.

may fail due to firmware version but actually connect...verify status LED (solid green = successful connection)

subscription payment must be made via the Web Portal

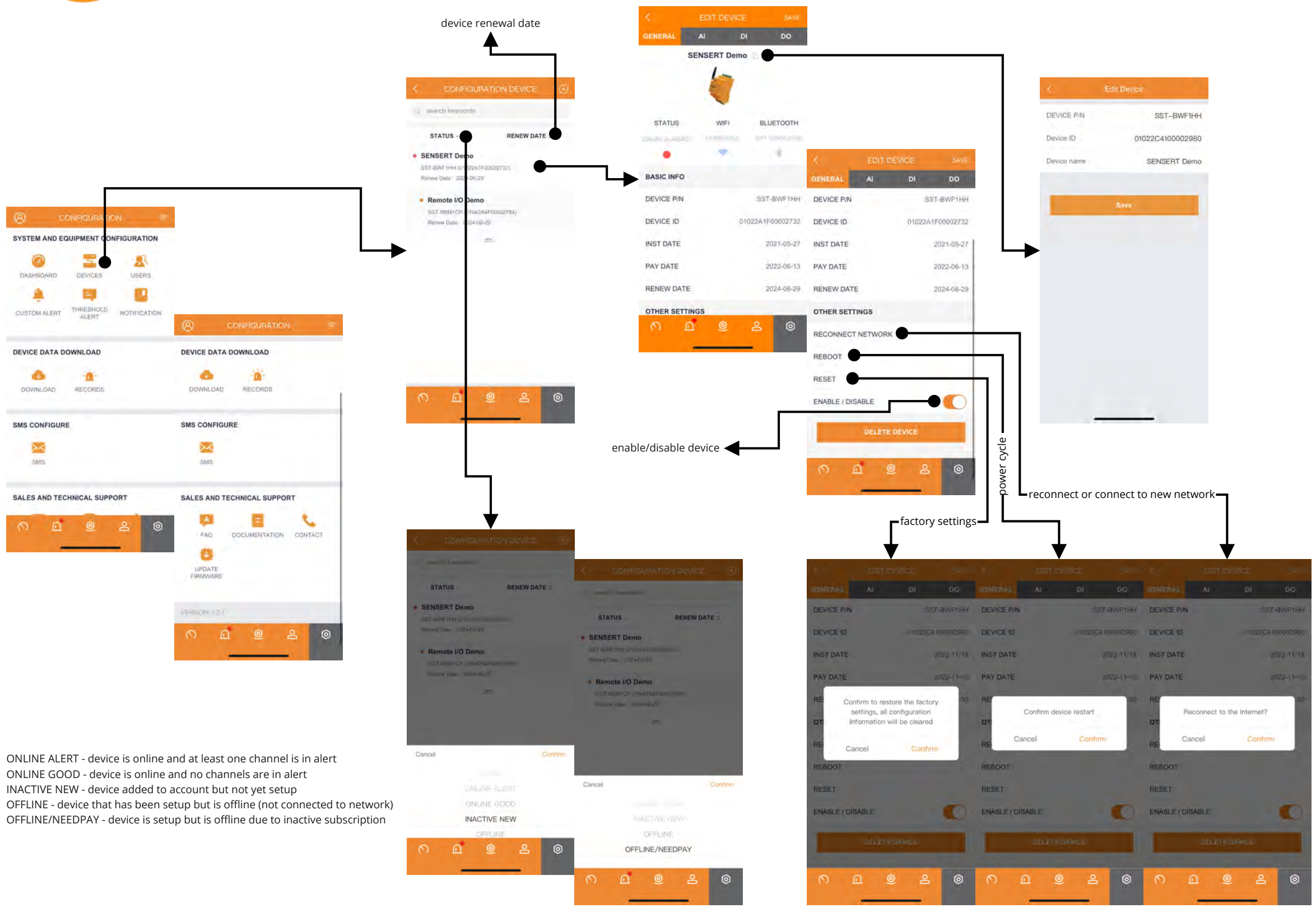


ATTENTION ANDROID USERS:

During installation for the first Base Unit, you must allow/confirm all permissions as promoted by the Mobile App. For the location prompt, you must select "Precise". Additionally, the "Nearby devices" permission must be allowed.



Configuration [System and Equipment Configuration - Devices] view devices / edit/reboot Base Unit



- ONLINE ALERT - device is online and at least one channel is in alert
- ONLINE GOOD - device is online and no channels are in alert
- INACTIVE NEW - device added to account but not yet setup
- OFFLINE - device that has been setup but is offline (not connected to network)
- OFFLINE/NEEDPAY - device is setup but is offline due to inactive subscription

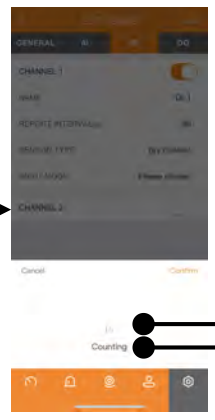
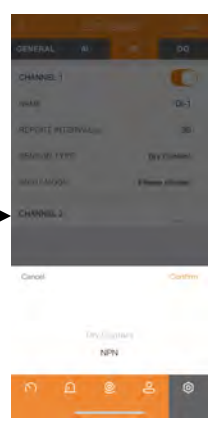
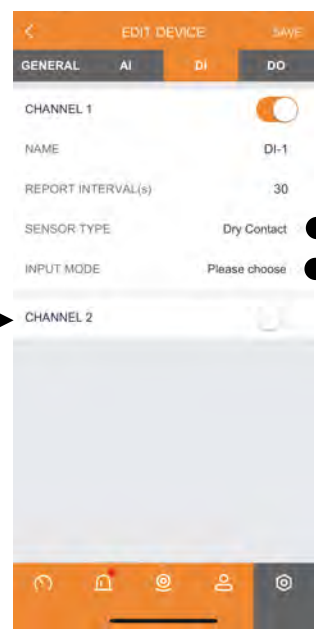
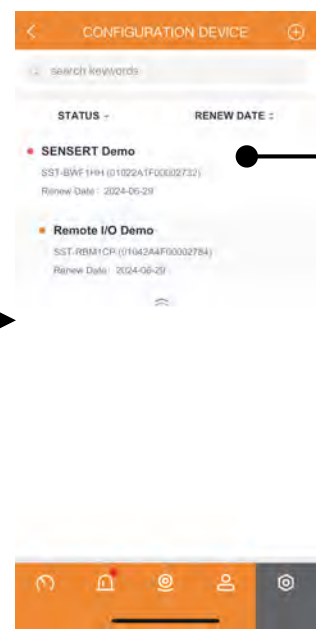
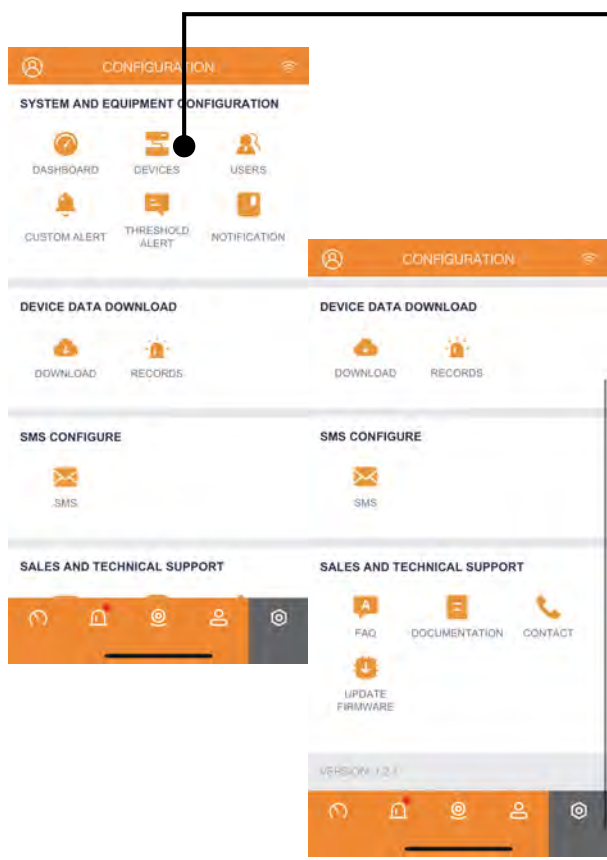


Configuration [System and Equipment Configuration - Devices] add/edit Base Unit analog input channels

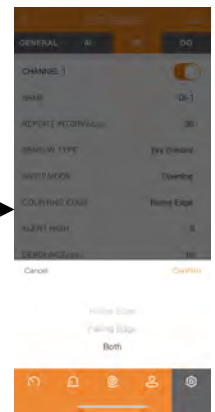
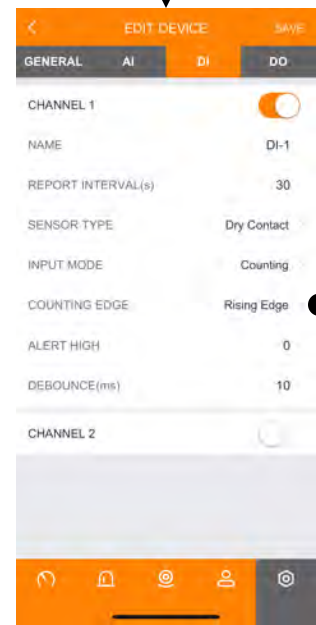




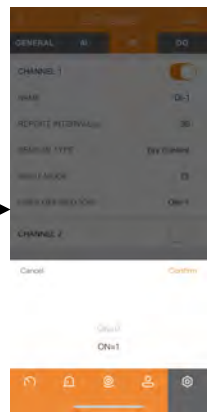
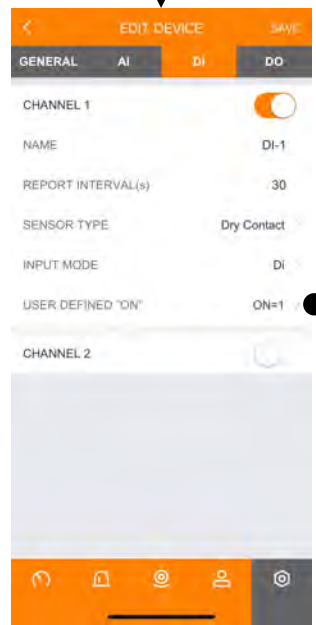
Configuration [System and Equipment Configuration - Devices] add/edit Base Unit digital input channels



must click SAVE to save settings



Rising Edge - counts on rising edge of pulse
Falling Edge - counts on falling edge of pulse
Both - counts on both rising and falling edges



ON=0 - normally closed
ON=1 - normally open



Configuration [System and Equipment Configuration - Devices] add/edit Base Unit digital output channel





Configuration [System and Equipment Configuration - Devices]

add/edit Remote I/O analog/digital input & vibration channel / reboot Remote I/O



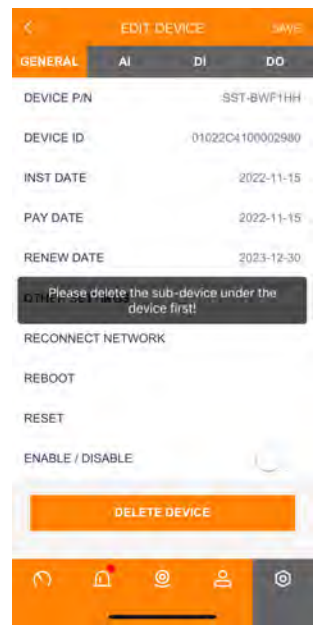
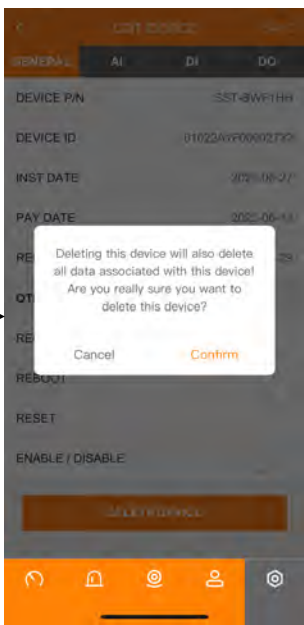
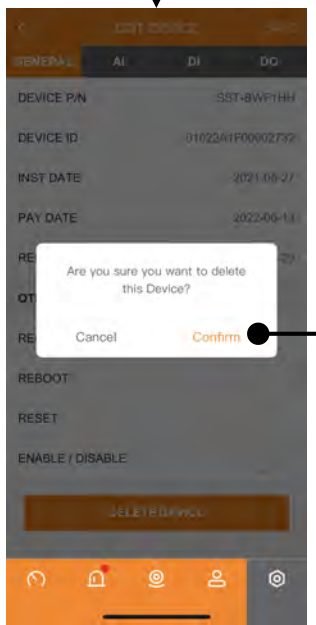
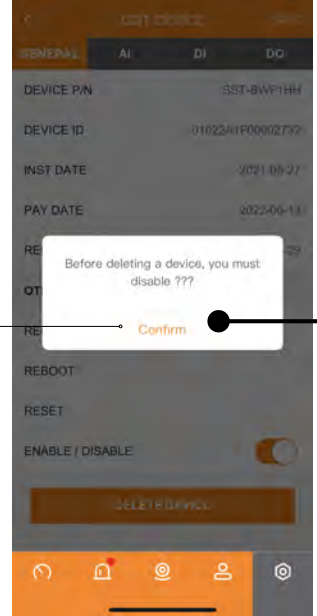
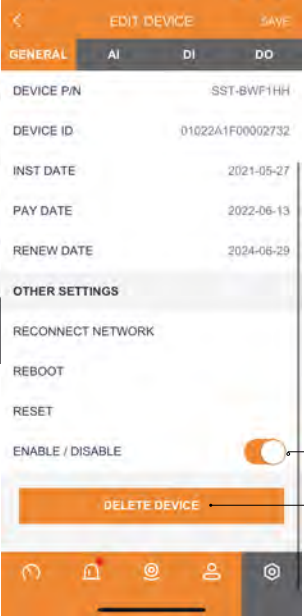
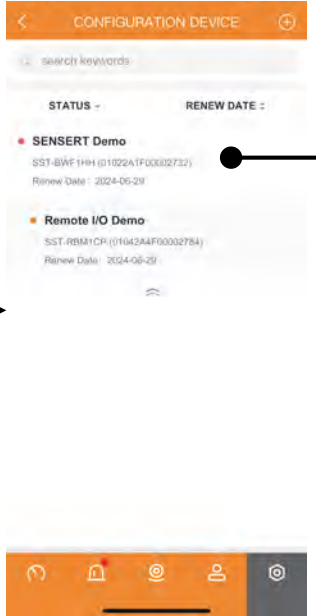
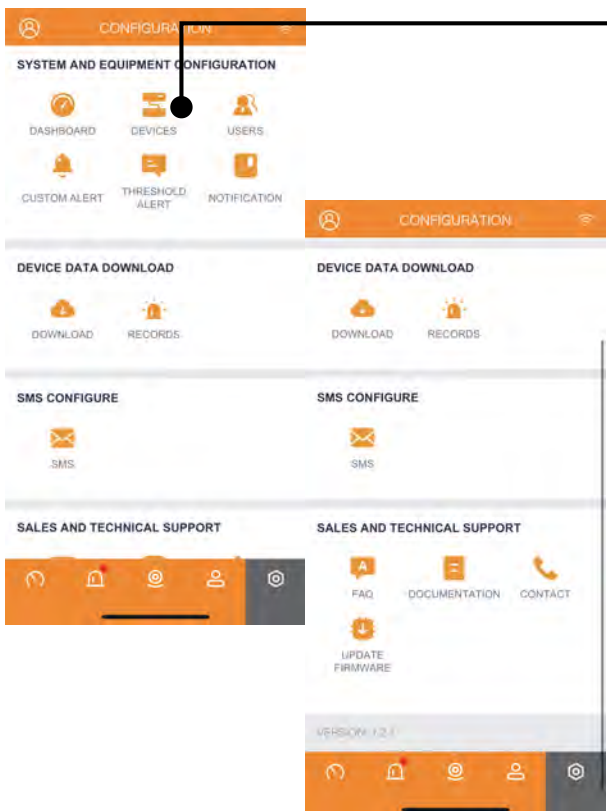
same as Base Unit Analog/Digital Inputs (pages 15-16)

enable/disable channel

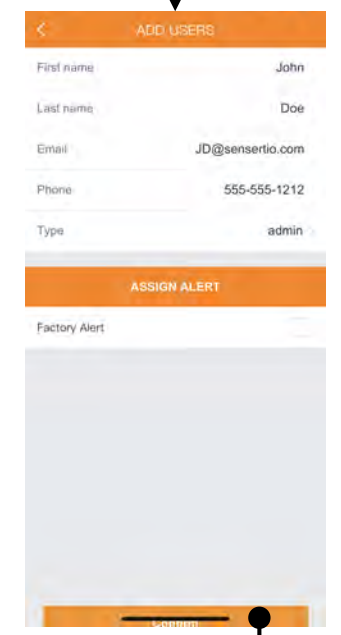
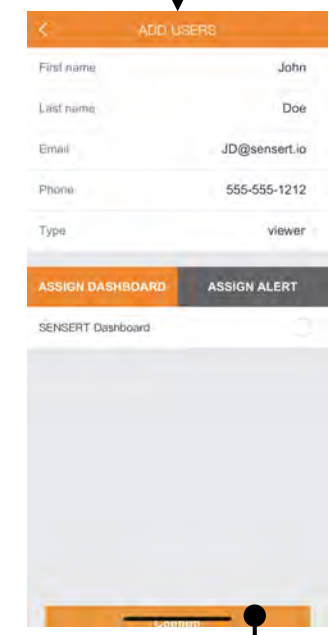
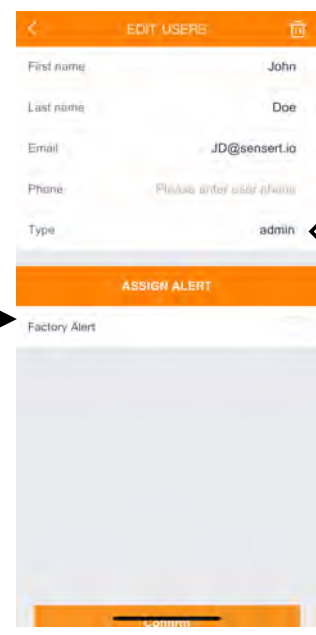
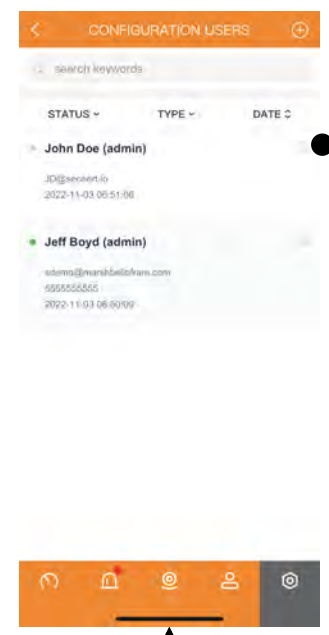
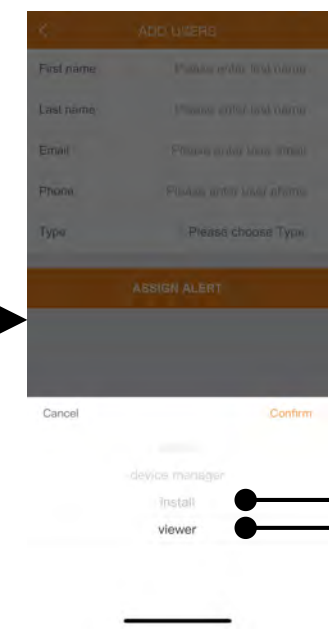
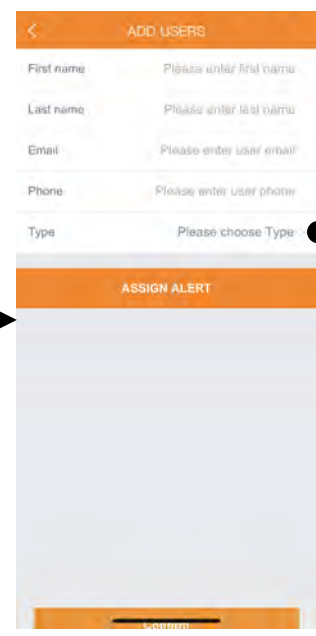
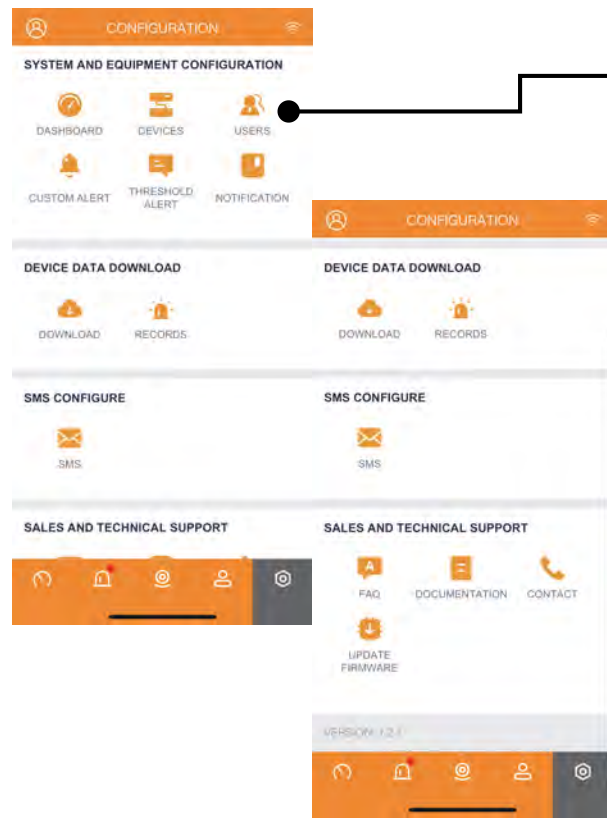


Configuration [System and Equipment Configuration - Devices] delete device

same procedure for both Base Unit and Remote I/O

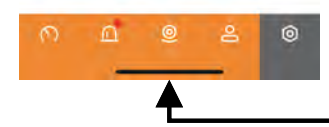


Remote I/Os must be disabled and deleted before Base Unit can be deleted



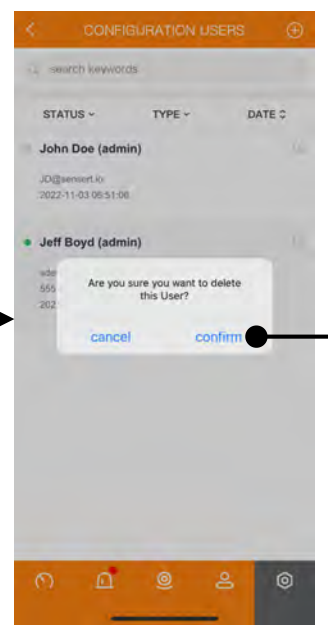
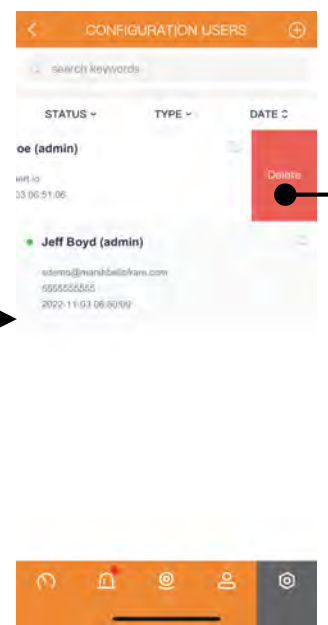
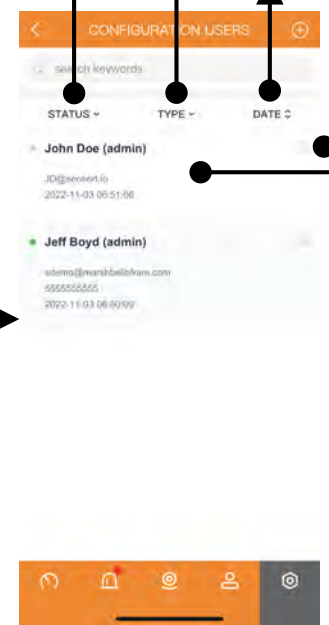
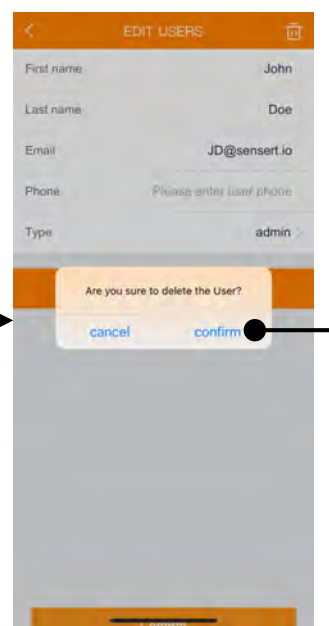
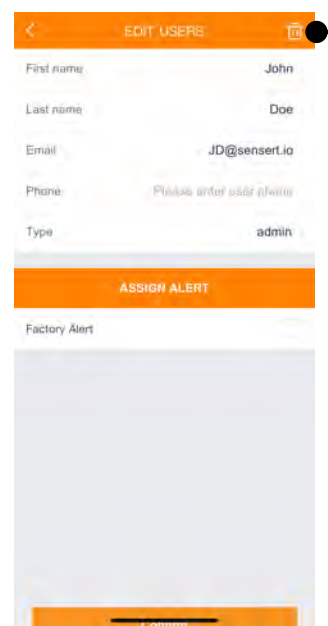
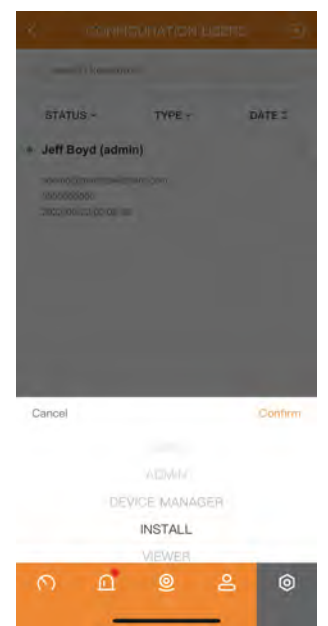
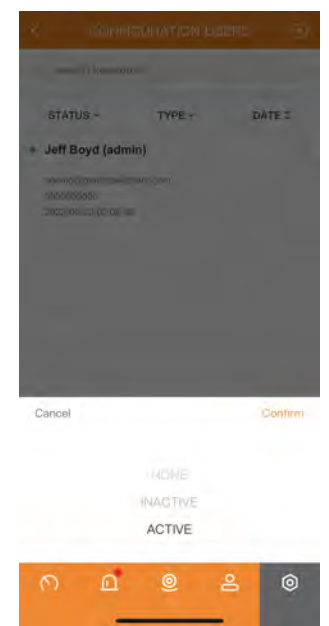
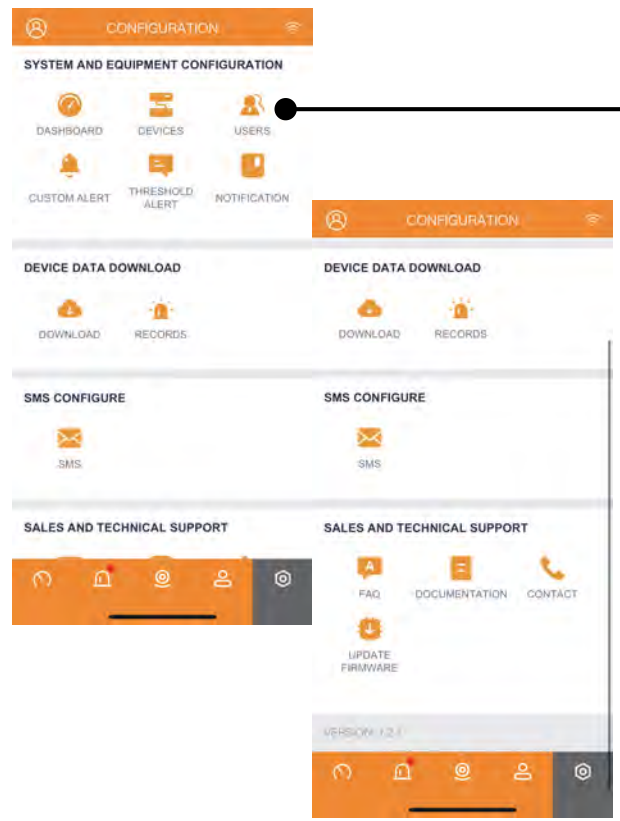
- ADMIN - [Administrator] full account privileges (the user that initially creates a SENSERT account will automatically be assigned as an admin and can invite other admins)
- DEVICE MANAGER - same privileges as Admin except for subscription payment activities
- INSTALLER - only permission to add/edit devices (cannot disable/delete devices)
- VIEWER - only permission to view dashboard assigned to him/her

Type cannot be modified





Configuration [System and Equipment Configuration - Users] view/delete users



ACTIVE - active user
INACTIVE - user that has not yet confirmed his/her account

ADMIN - [Administrator] full account privileges (the user that initially creates a SENSERT account will automatically be assigned as an admin and can invite other admins)

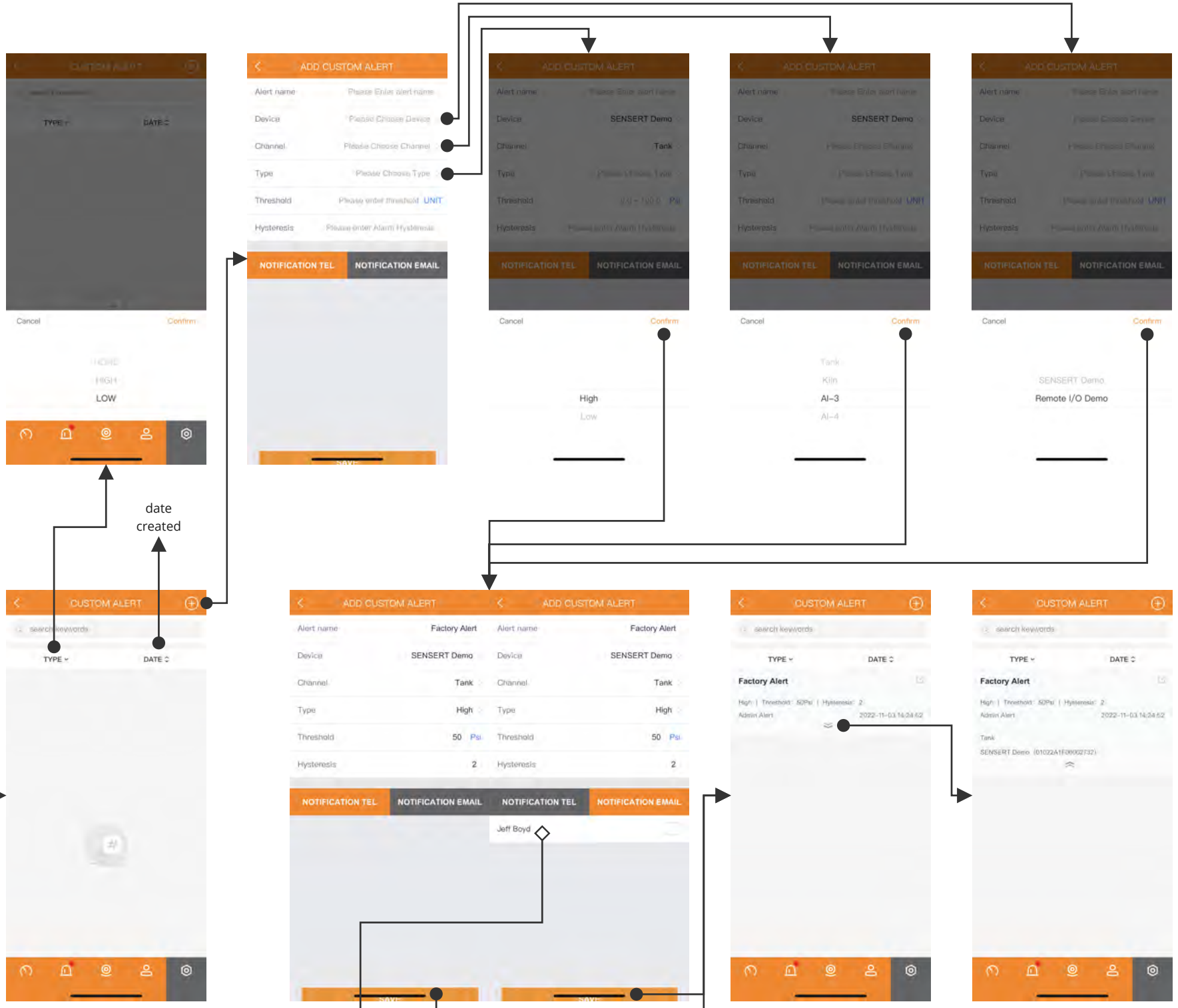
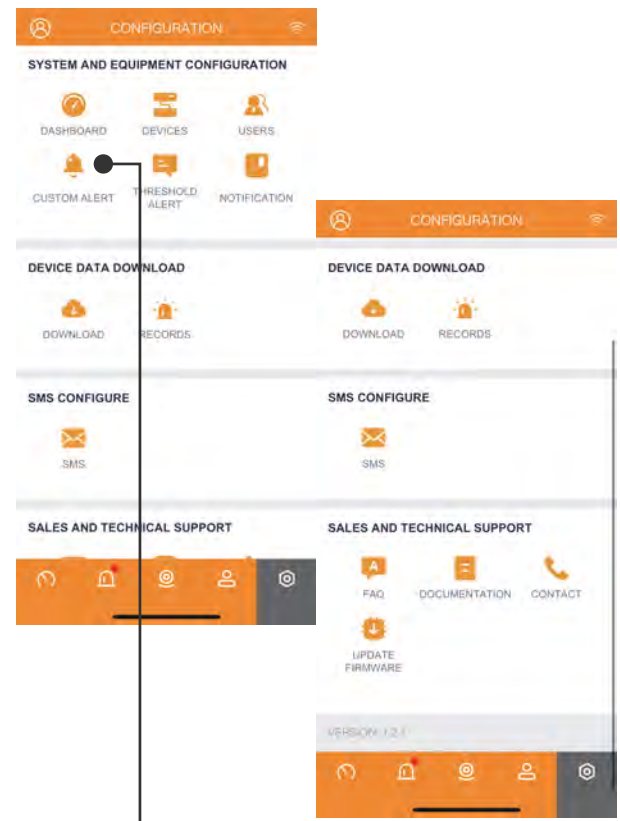
DEVICE MANAGER - same privileges as Admin except for subscription payment activities

INSTALLER - only permission to add/edit devices (cannot disable/delete devices)

VIEWER - only permission to view dashboard assigned to him/her



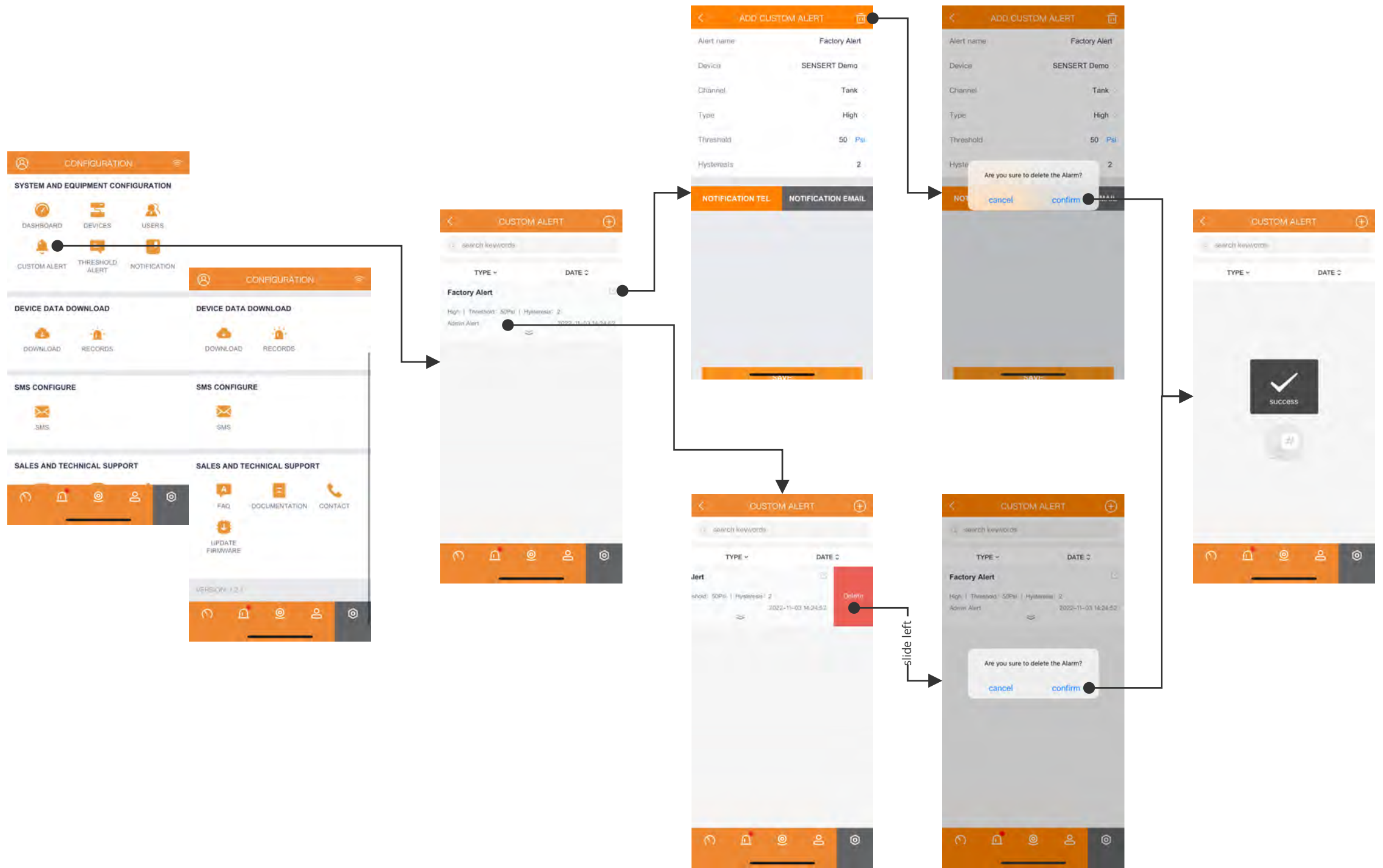
Configuration [System and Equipment Configuration - Custom Alert] view/add/edit custom alerts

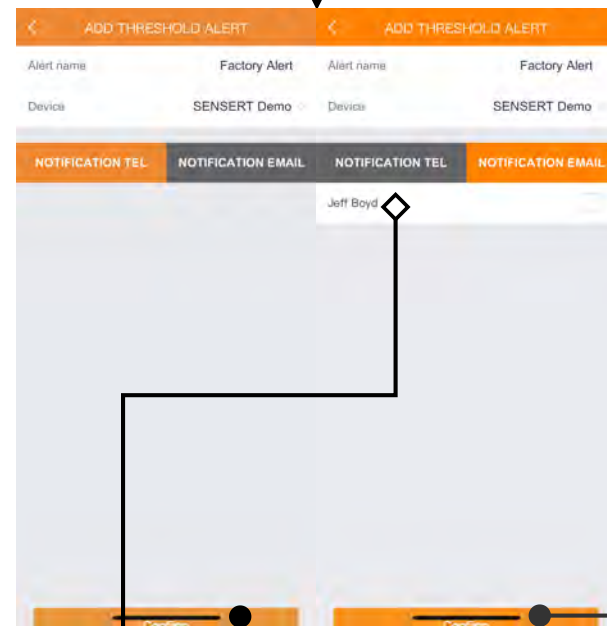
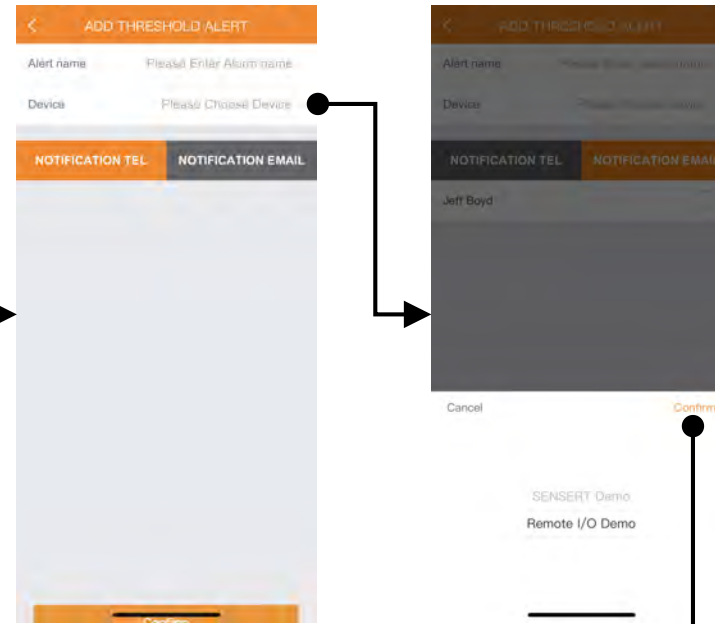
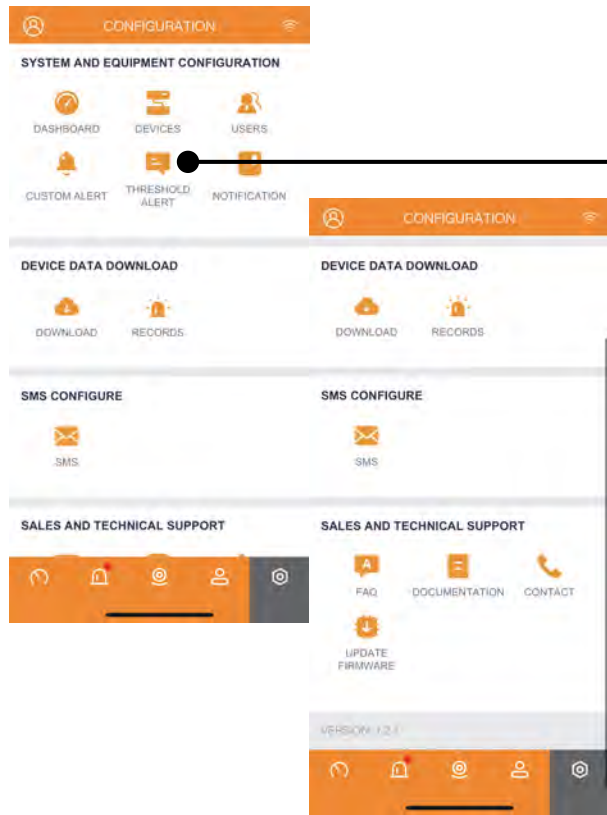


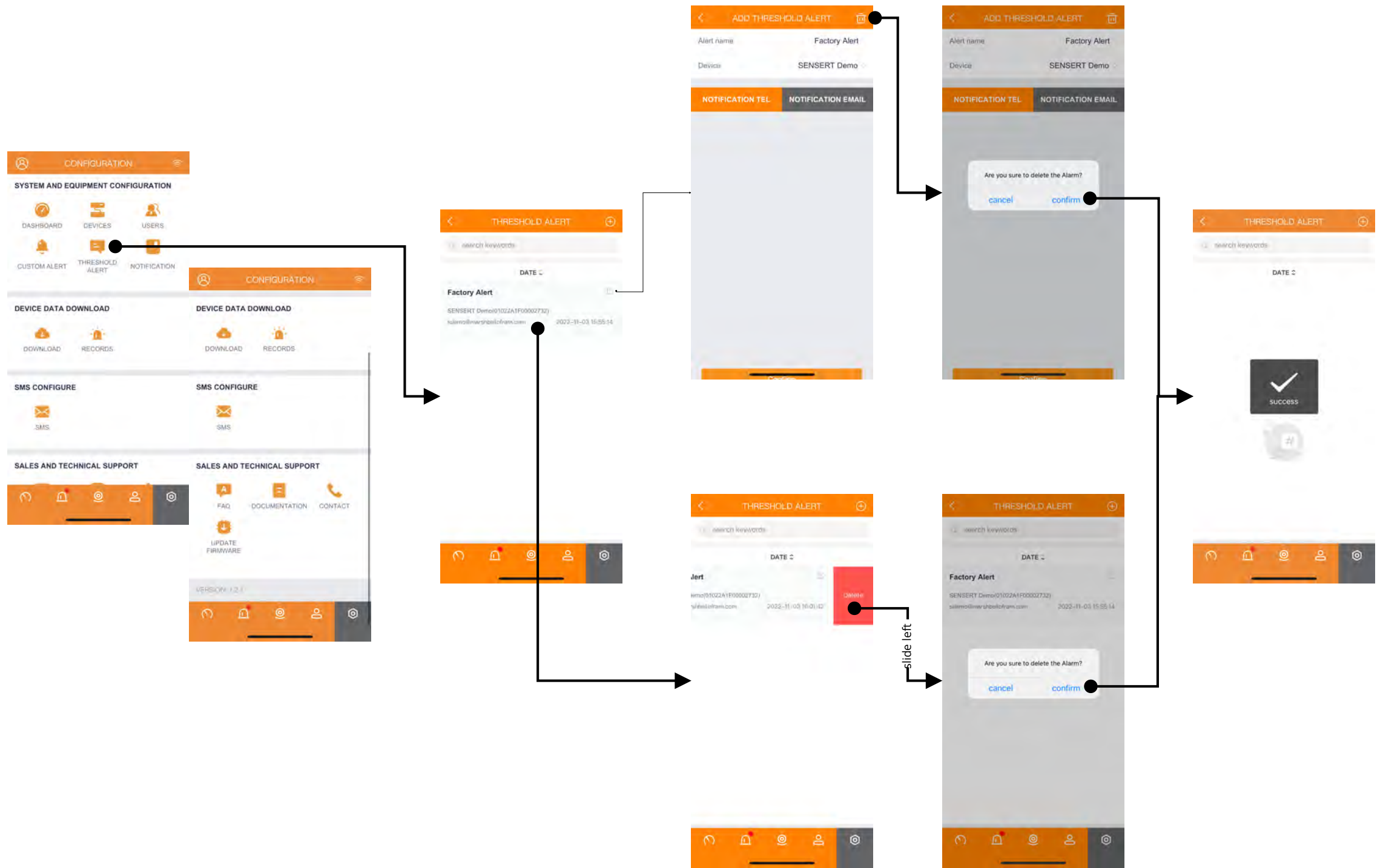
date created

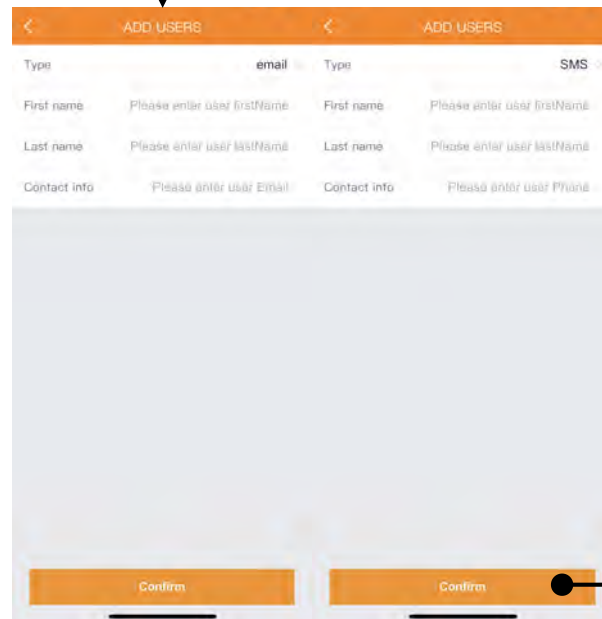
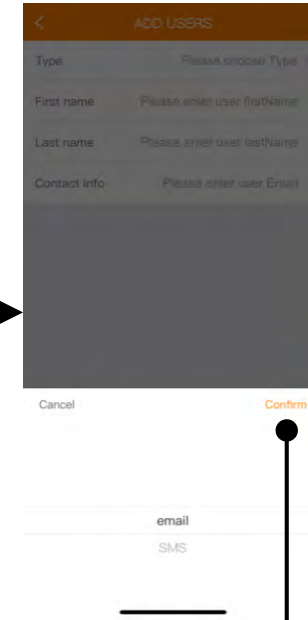
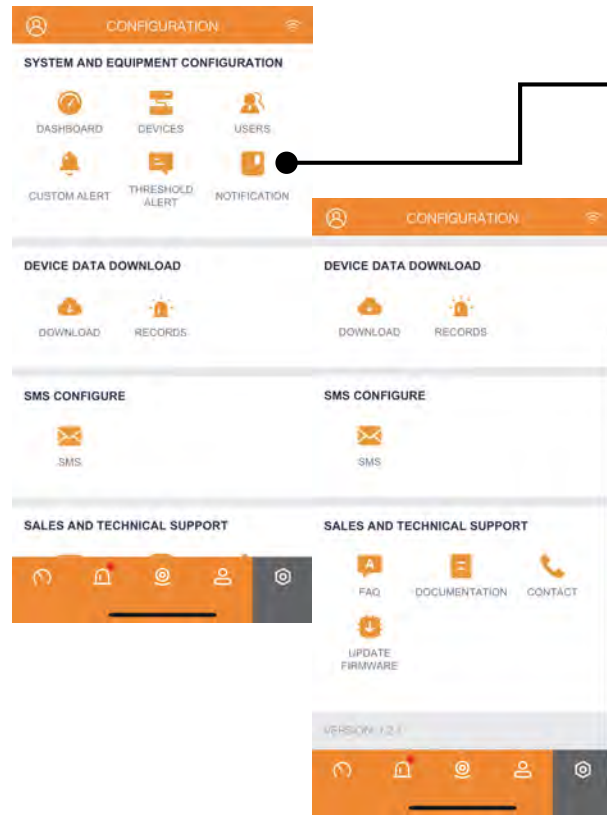
must have users or contacts added already

Version 1.0

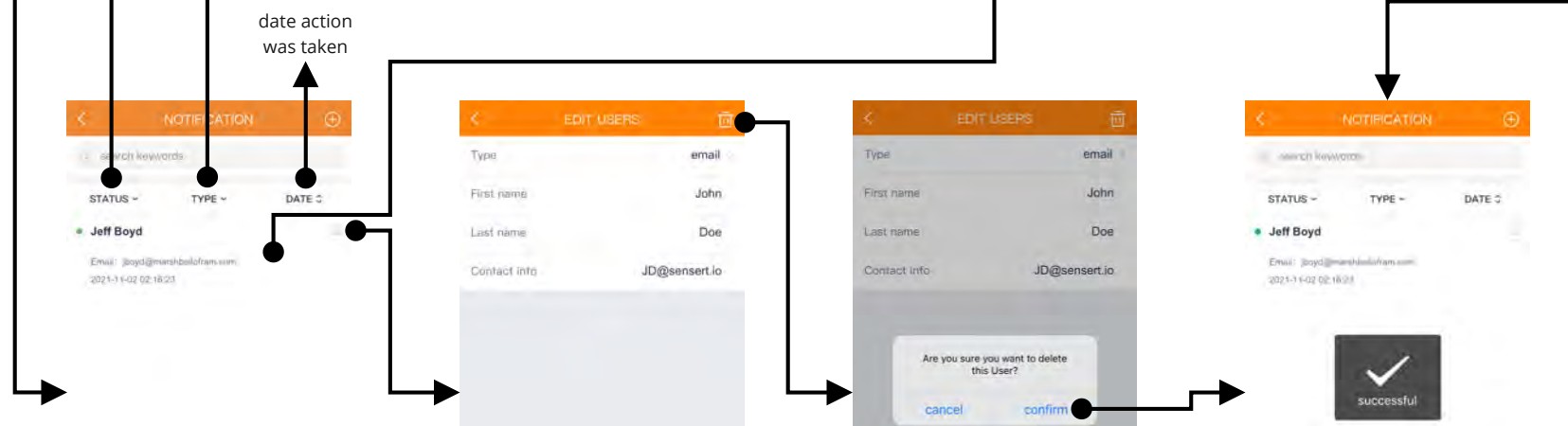
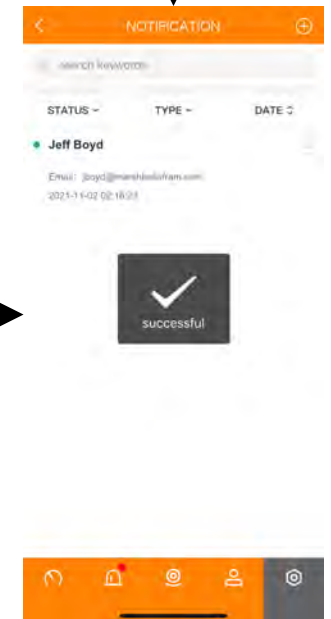
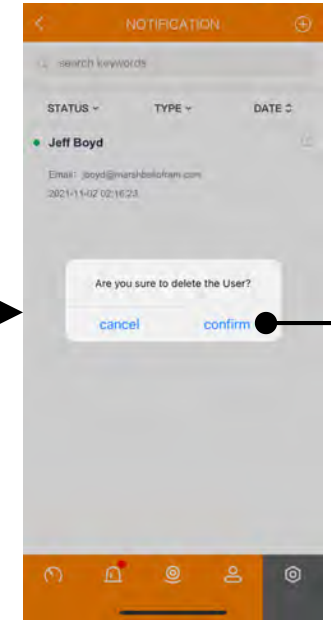
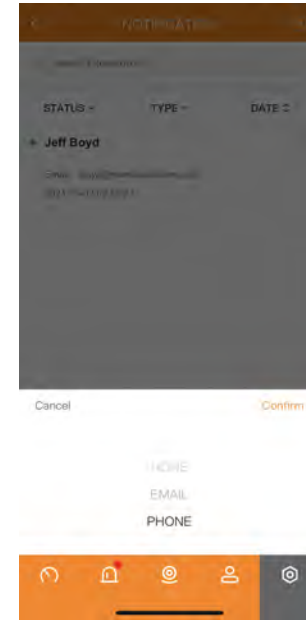
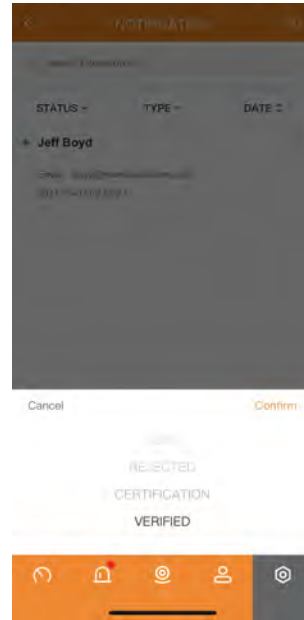
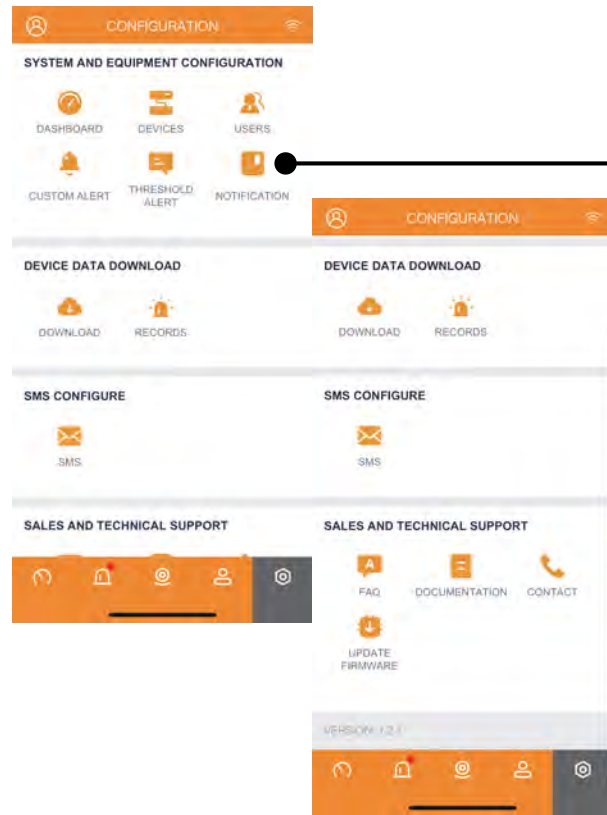






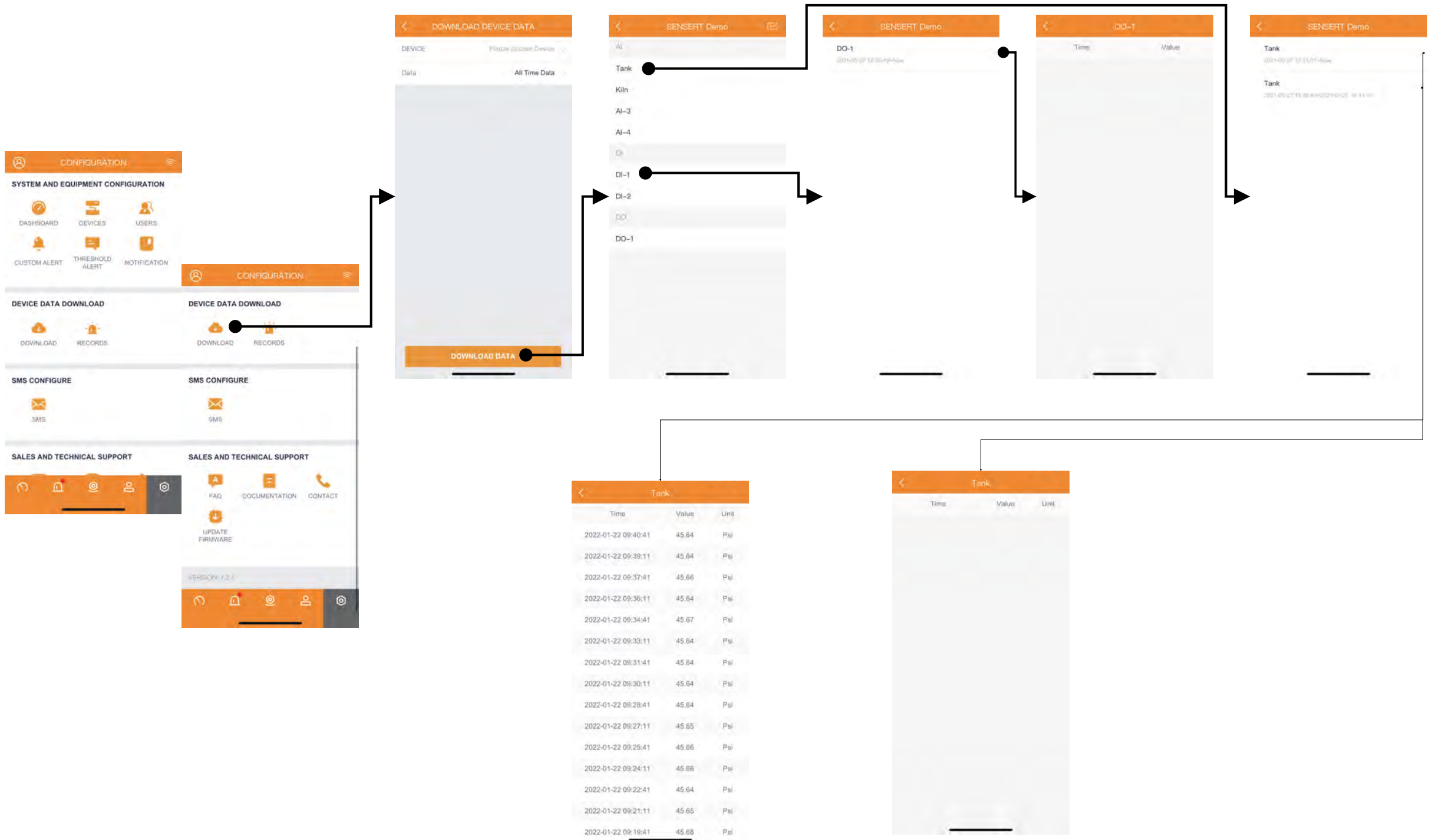


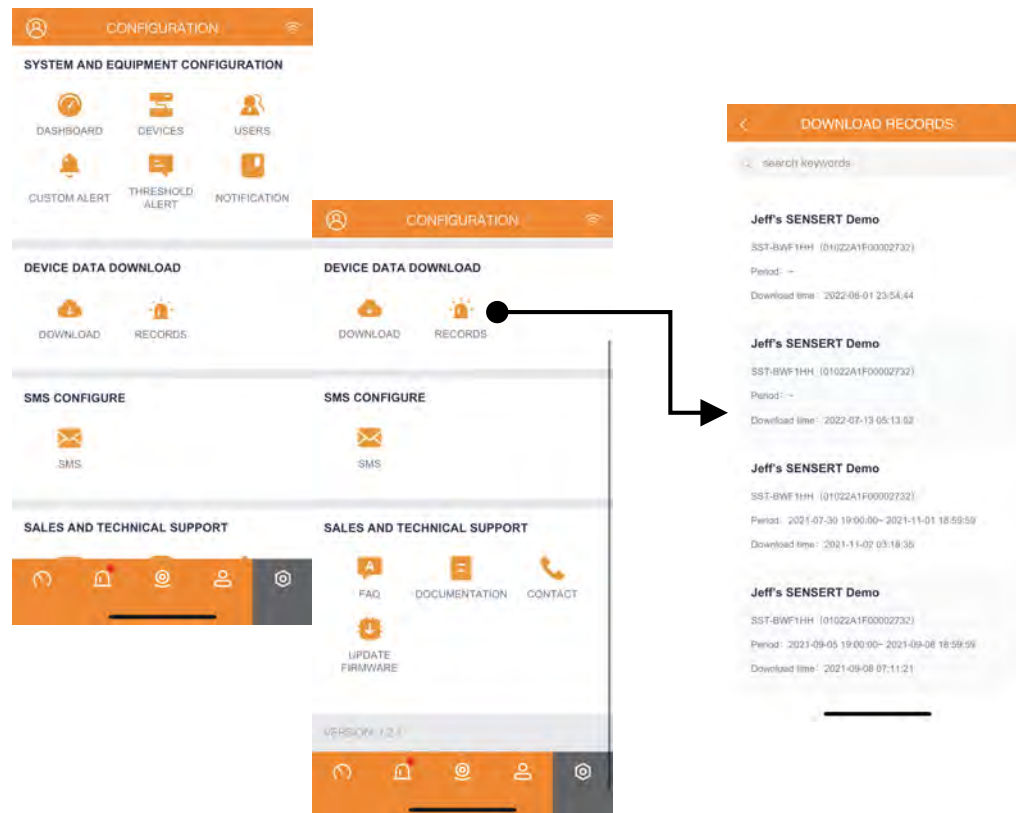
contacts can only receive alerts and do not have a SENSERT login (username & password)

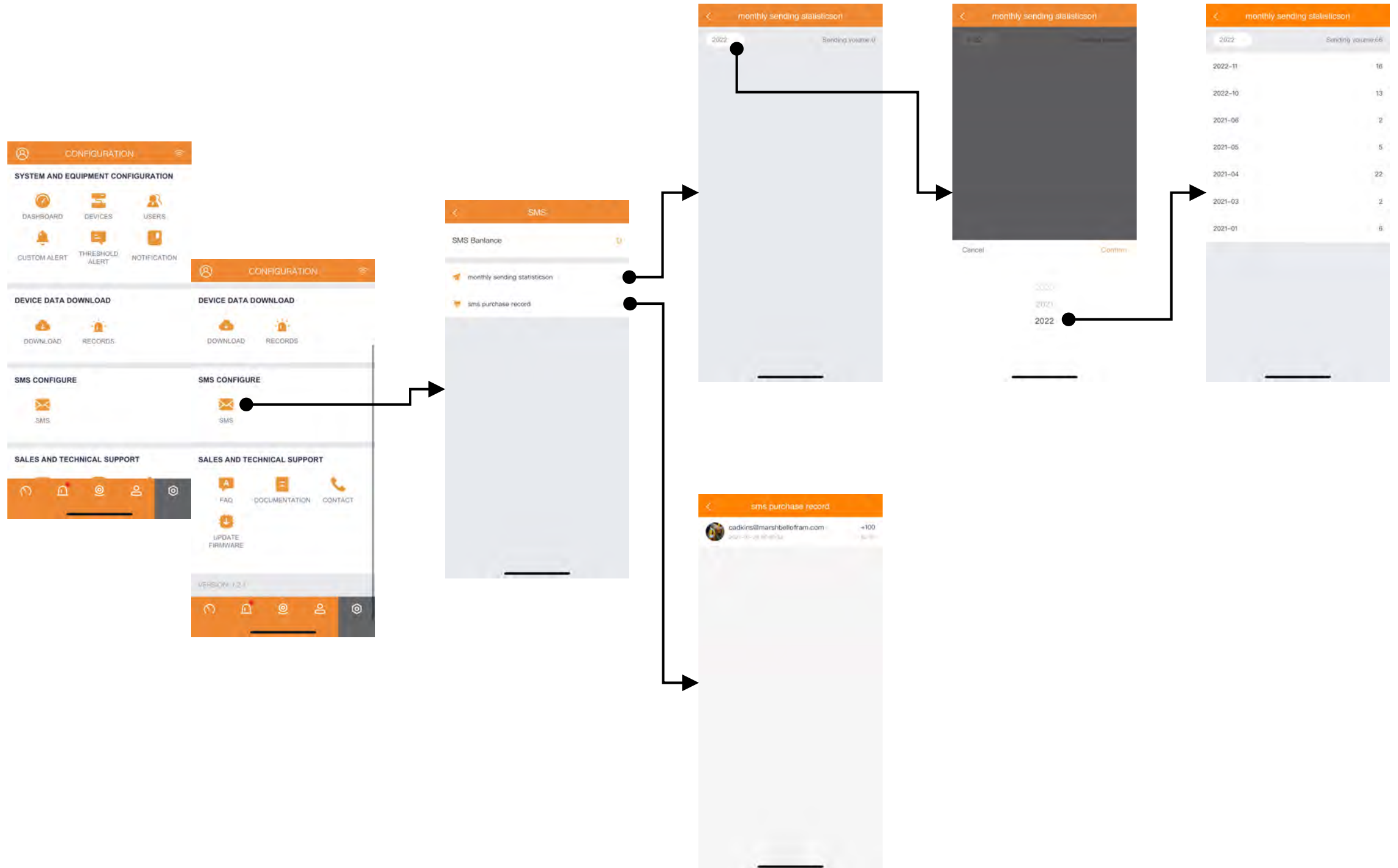


REJECTED - user has rejected his/her notification invitation
 CERTIFICATION - user has not yet taken action on his/her notification invitation
 VERIFIED - user has accepted his/her notification invitation





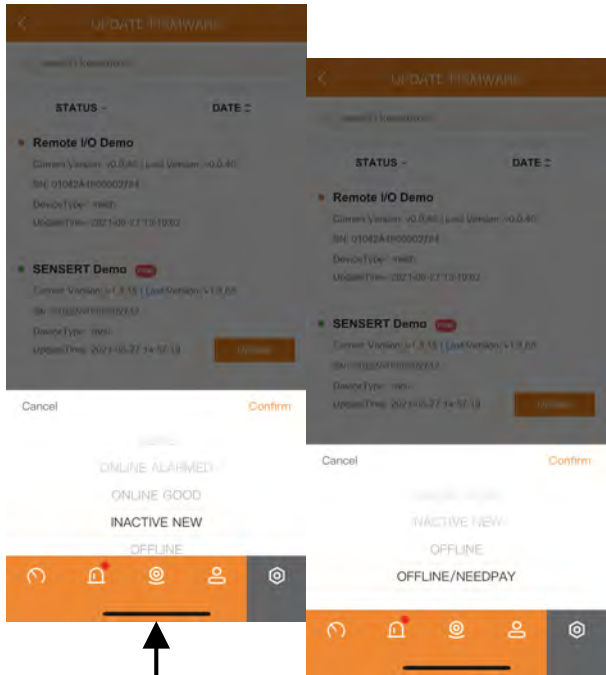
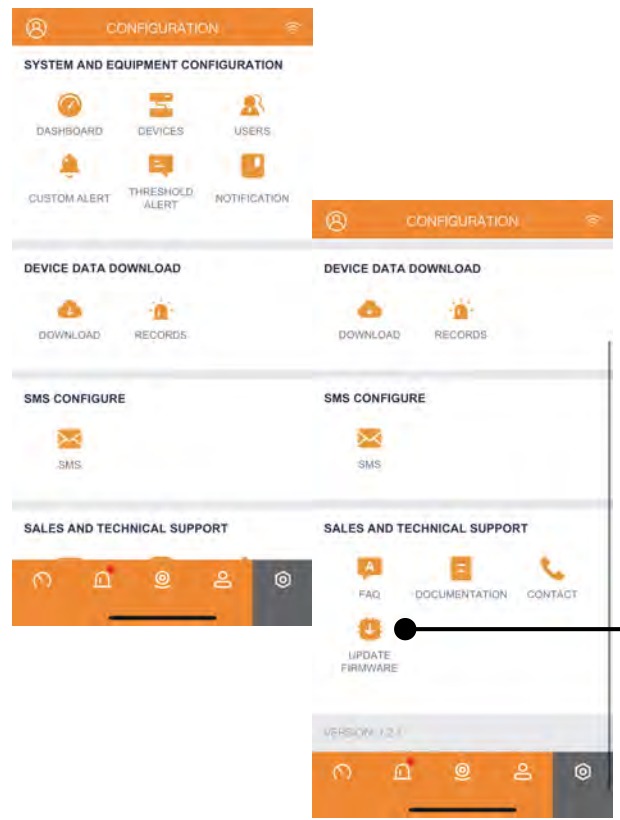




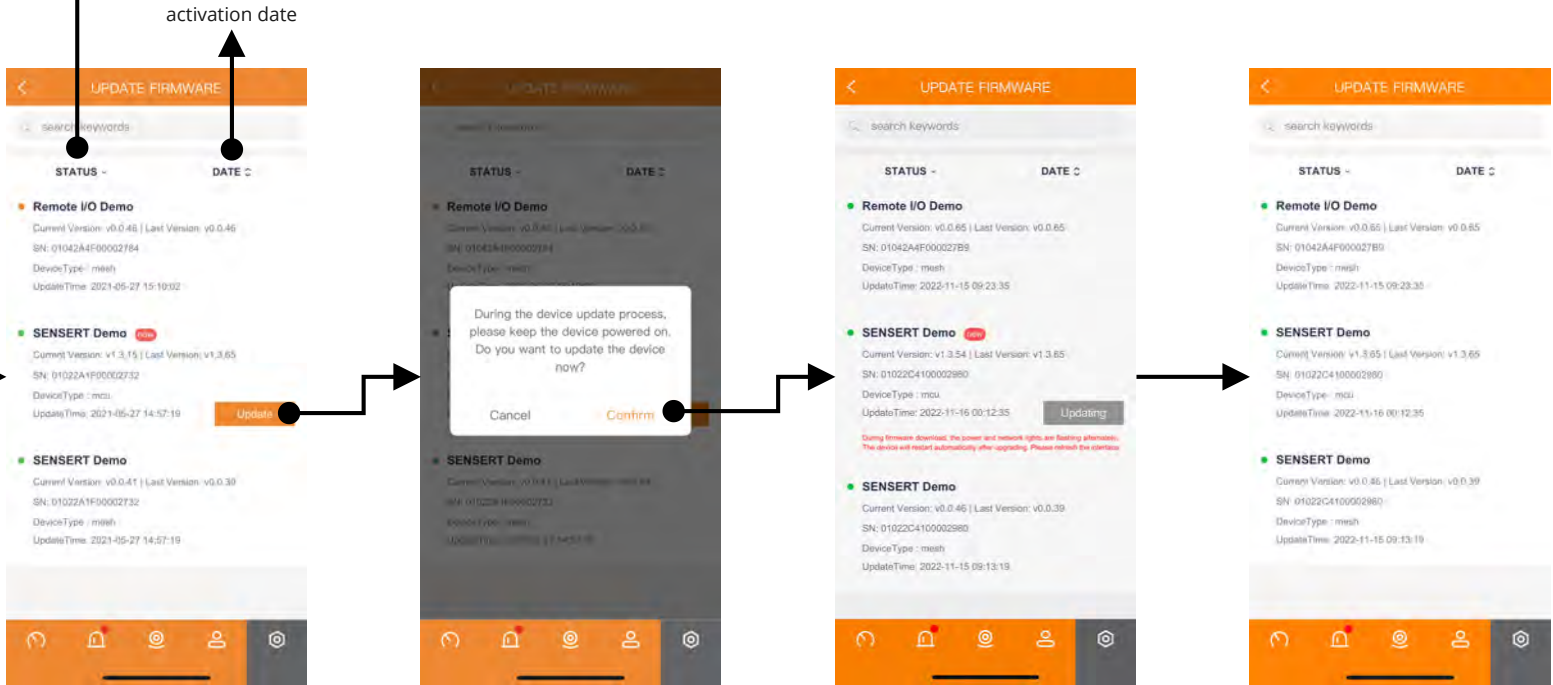




Configuration [Sales and Technical Support - Update Firmware] update Base Unit & Remote I/O firmware



ONLINE ALARMED - device is online and at least one channel is in alert
 ONLINE GOOD - device is online and no channels are in alert
 INACTIVE NEW - device has been added to account but not yet setup
 OFFLINE - device that has been setup but is offline (not connected to network)
 OFFLINE/NEEDPAY - device is setup but is offline due to inactive subscription



Base Unit and/or Remote I/O must be powered on and connected to the network to perform firmware updates

- each Base Unit will show two (2) firmware loads:
- mcu -> main firmware
 - mesh -> Bluetooth firmware

*** perform all updates ***