

SK-NET Mobile Access Setup and User Document



SECTION 1: SK-NET Mobile Overview

1. System Requirements

- SK-NET 6.10 or above with a registered MLD license.
- SK-NET Mobile app installed on an iPhone or Android device.

2. Overview

The SK-NET Mobile app provides the ability to interface to a new or existing SK-NET system quickly from anywhere in the world. The mobile app interface provides the following functionality:

- a. View transaction history and live transactions.
- b. Add/delete or modify user status.
- c. View reader status and Open/Lock/Unlock or disable/enable a door schedule on any active reader.
- d. Ability to command SK-NET to “Send Cards” out to the stand-alone reader network.
- e. Ability to start a “Lockdown”.
- f. Ability to connect to a selected location.

Mobile access is made available through to use of shared cloud databases that both SK-NET and the mobile app has access to. SK-NET still maintains the “master or main” database files for the local system but copies certain relevant data to the cloud for use by the mobile app. Customers data is identified by the unique 16-digit SK-NET MLD number currently used in SK-NET. Client/Server version customers can request an MLD number from SecuraKey at no cost to add the mobile functionality to their systems.

This document outlines the steps necessary to configure an SK-NET system, as well as a mobile app to provide true mobile access.

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SECTION 2: Configuring SK-NET

STEP 1: Download and install SK-NET version 6.1 or higher from SecuraKey.com.

Current Release: <https://securaKey.com/downloads/>

Beta Version: <https://securaKey.com/download/sk-net-6-1-beta-installation/>

STEP 2: Setup SK-NET system and register the MLD number with SecuraKey. (See SK-NET manual for instructions.)

STEP 3: Create an SK-NET “Cloud” account for use with the SK_NET Mobile app.

- In SK-NET, **Go to** “File->Preferences->Mobile”. Make sure “Enable Mobile Access” is checked. The “Mobile System ID” will be automatically filled in if you have registered your MLD number from STEP 2.
- **Fill in** the information for the local SK-NET system and **Click “Register”**. When complete “Connected to SKCloud” should appear as shown below.

Note – Do not attempt to use the MLD number shown below it is only for demo purposes and cannot be registered with SecuraKey.

Preferences

Transaction Colors User Field Labels Settings Dealer Info Automate Video Door Status **Mobile**

Mobile System ID (MLD)	3020-c4c9-016c-1880
Mobile Access Password	●●●●●●●●●●
Company Name	Apple Records
Last Name	Lennon
First Name	John
Phone	(202) 456-1111
email	jLennon@theBeatles.com
Street	251 Menlove Avenue
City	Liverpool, UK
State	UK
Zip Code	000001

Enable Mobile Access

Register
Synchronize
Reset Database
Cloud Connect

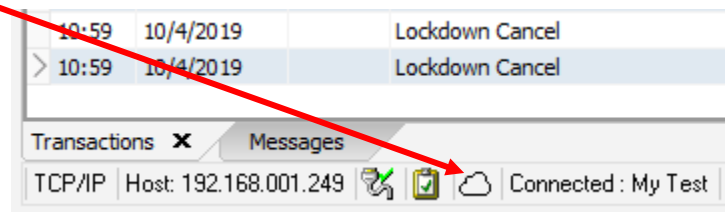
Connected to SKCloud

OK Apply Cancel

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- **Enable Mobile Access** turns on the ability to set up as SK-NET cloud account.
- **Mobile System ID** is automatically populated after the SK-NET MLD number is registered with SecuraKey via the “Help->Upgrade System” menu in SK-NET. The value needs to be entered by the mobile app user to identify the system to connect to.
- **Mobile Access Password** is a password selected by the SK-NET user which the SN-NET Mobile user will need to enter to be able to access the SK-NET system via the mobile app.
- The rest of the edit boxes provide contact information to the cloud administrator for any needed communication.
- **Register** button registers a new SK-NET system in the cloud and copies the pertinent data to the cloud.
- **Synchronize** button can be used to copy database records to the cloud if the data is not in the cloud for any reason.
- **Reset Database** button can be used to re-copy databases to the cloud if the data becomes out of sync between SK-NET and the mobile app’s for any reason. Current data will be erased from the cloud and re-sent from SK-NET.
- **Cloud Connect** button can be used if the current status is disconnected.

STEP 4: If the registration completed successfully, **Click** “OK” to return to the main SK-NET view and verify the “cloud” icon is shown on the status bar.



* Note – This information does not include the additions needed for setting up e-commerce payments TBD.

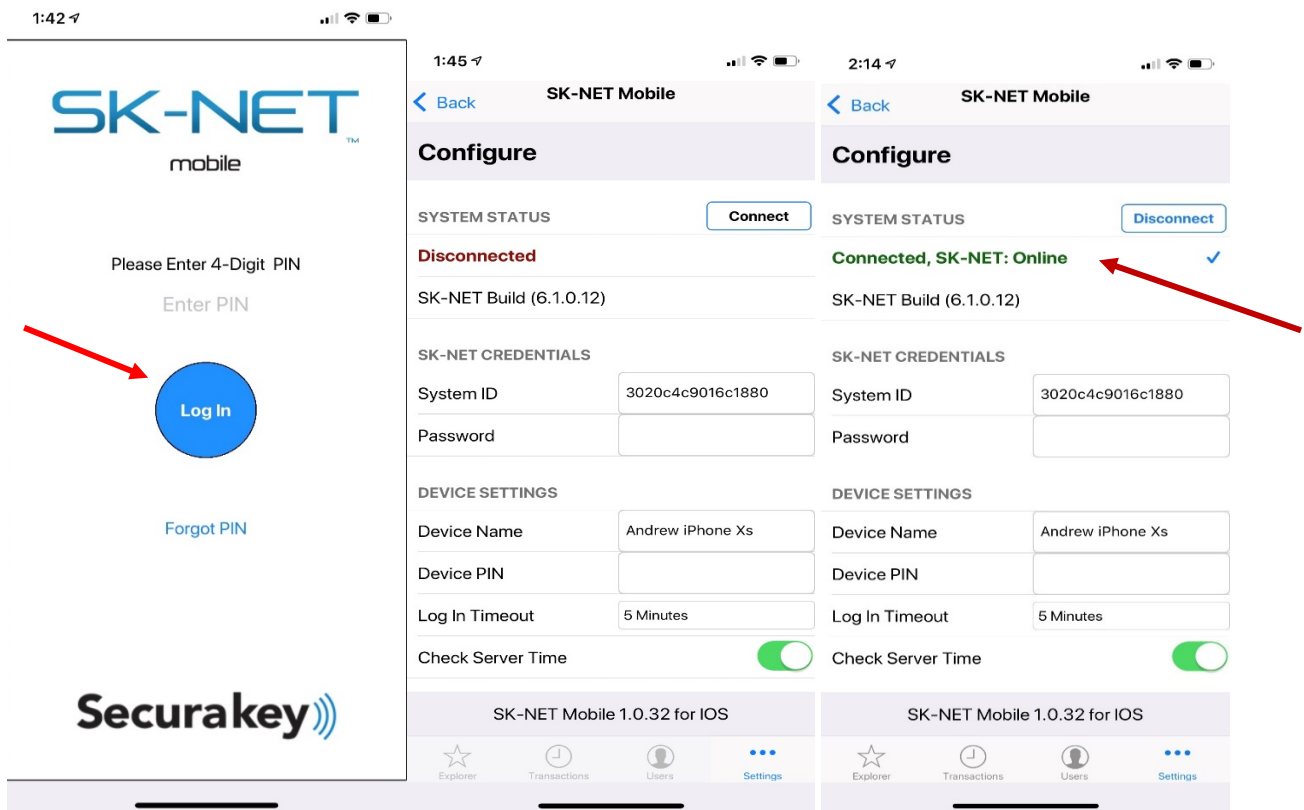
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SECTION 3: Configuring SKNetMobile

STEP 1:

- For **iPhones**, download the SKNetMobile application from the app store on your iPhone. *Note for beta testing use the link “ <https://testflight.apple.com/join/iINysNYN> ” to join the beta test program via the TestFlight app.
- For **Android devices**, search the Google Play Store for SKNetMobile and install the app. A web app version is also available from **TBD**.

STEP 2: **Start** the SKNetMobile app on your device and **enter a PIN** code that you will enter every time you start the app. Pressing the “Log In” button brings up the “Configure” screen shown below.



STEP 3: **Enter the System ID** (MLD) to identify the SK-NET system you wish to connect to.

STEP 4: **Enter the System Password**, the same mobile access password that was entered in the SK-NET mobile preferences menu when registering.

STEP 5: **Enter a device name** like “Andrew’s iPhone Xs” etc. to identify the mobile device to SK-NET.

STEP 6: **Click** “Connect” to connect to your selected SK-NET system. Configuration is complete!

**Note – “Log-In Timeout” is the time SKNetMobile will wait with no activity before requiring a new PIN entry and “Log In”. This is useful if you were to leave your phone on a table open so that no one would be able to open doors etc.*

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Note- “Check Server Time”. SK-NET writes the current time to the cloud every minute. The mobile app checks this time to verify that SK-NET is running and healthy. If the time does not match it declares SK-NET is “Offline”. In this instance the SK-NET operator may want to re-start SK-NET. **If the mobile app is in a different time zone than SK-NET you will want to turn this switch to the “OFF” position.*

SECTION 4: Using SK-NET Mobile

SKNetMobile is made up of 4 main sections, each with a sub-tab or “detail” tab. Settings->Configure, Users->User detail, Transactions->Transaction detail, and Explorer->Reader Control.

The user interface was designed to be consistent with the SK-NET user interface so that it will be intuitive and familiar to SecuraKey customers.

4.1 Settings Tab Select the Setting tab to connect locations and start or cancel a system lockdown.

1. SELECTED LOCATION –

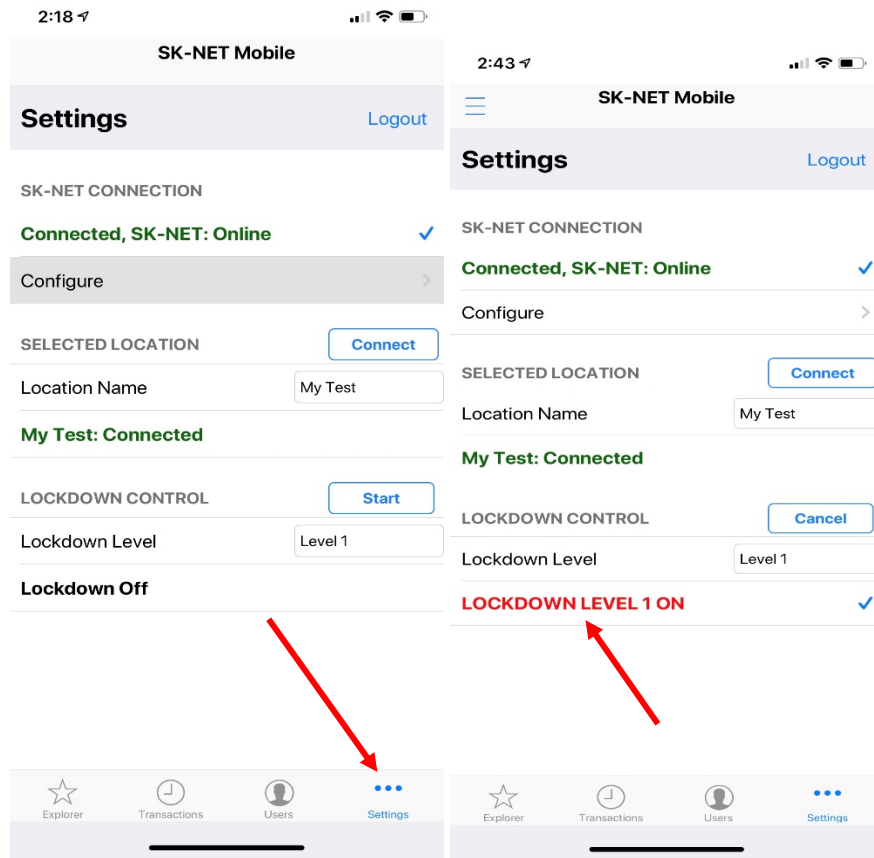
- **Select a location** to connect to and view.
- **Click the Location Name** and select the desired location, then;
- **Click “Connect”** to force SK-NET to connect to the location. Users, transactions and readers are filtered based on the location in the app.

2. LOCKDOWN CONTROL –

- If you had previously configured a lockdown group with SK-NET you can use the SKNetMobile app to start or cancel a system wide lockdown.
- SK-NET will reflect the selected lockdown state.

3. Selecting the “Configure” sub-tab or detail view allows for viewing and setting of app options.

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Lockdown result as shown on SK-NET

SK-NET

File Explorer Transactions Users Help

Send Users (Full) **Lockdown 1 ON**

Entire System Contents of : My Test, 18 items - Sort by: Name

00:00	1/15/2020		Reader ALIVE-Door Schedule ON	Front Door/ My Test
00:00	1/15/2020		RAPB forgive all via Panel	SK-ACPE: 5720191/ My Test
14:43	1/15/2020		Lockdown Level 1 via PC	Front Door/ My Test
14:43	1/15/2020		Lockdown Level 1 via PC	Back Door/ My Test

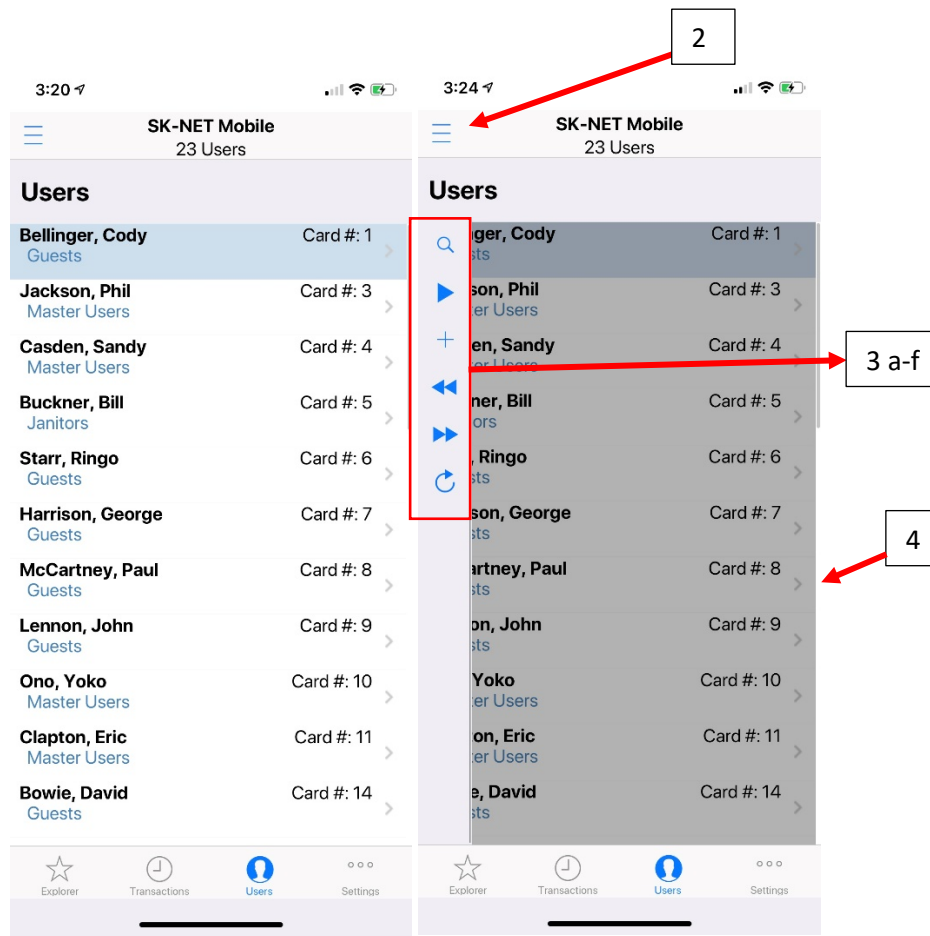
Transactions Messages

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4.2 Users Tab Select users to view, edit or delete user information, and to send user changes to SK-NET.

4.2.1 User List View provides a full list of users from a location in SK-NET.

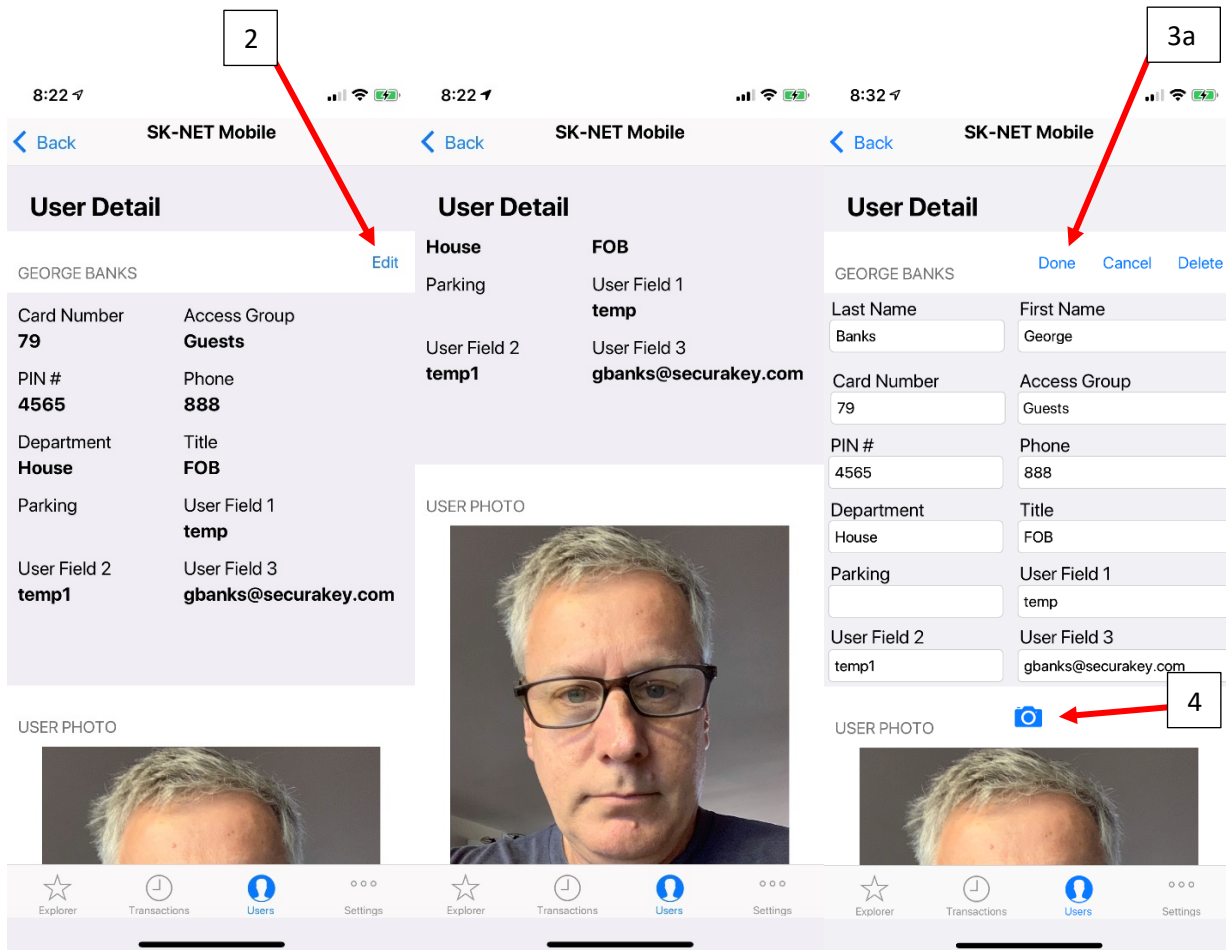
1. Use a finger to swipe up/down to scroll the users list.
2. The number of users in the location is displayed on the top toolbar.
3. Select the menu ☰ icon in the upper left to bring up the user's menu functions.
 - a. The spyglass 🔍 icon brings up the search entry box which allows for the search for a specific user.
 - b. The right arrow ▶ icon tells SK-NET to perform a "Send Cards Full".
 - c. The + icon opens the User Detail form for adding a new user.
 - d. The ◀◀ icon navigates the user list to the first user.
 - e. The ▶▶ icon navigates the user list to the last user.
 - f. The refresh ↻ icon refreshes the user list view from the data on the cloud.
4. Select the > to the right of a user name to view, edit or delete a user. The User detail view is shown.



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4.2.2 User Detail View allows for the viewing, editing or deleting of a single user in an SK-NET location.

1. Use a finger to swipe up/down to scroll the user detail to see the full user photo.
2. **Select "Edit"** to enable editing or to delete a user.
3. After selecting "Edit" the user data can be modified.
 - a. When finished editing, **Select "Done"** to save the changes, and "Cancel" discards any changes that were made.
4. When editing select the camera icon to add or change a photo of a user.
5. After changing user privileges in any way **Click on "< Back"** and then **Select the "Send Users Full"** button to send to the reader network.
6. The < Back button returns the view to the users list.

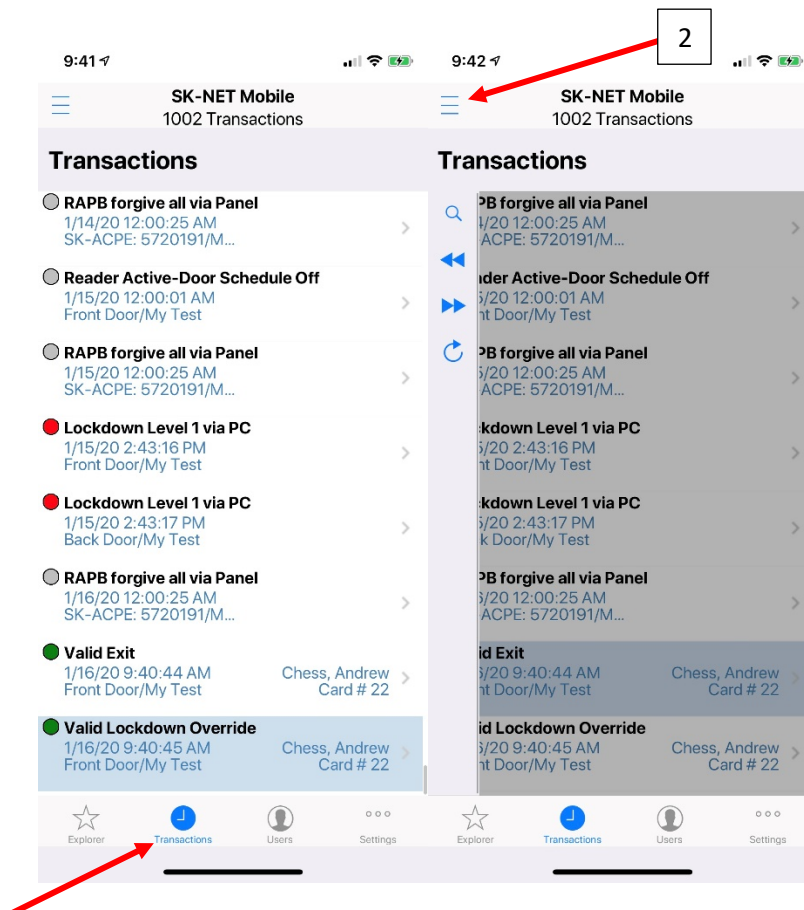


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4.3 Transactions Tab Selecting the transaction tab allows for the viewing of all recent transactions. The transaction detail view shows a single transaction.

4.3.1 Transaction List View provides a full list of users from a location in SK-NET.

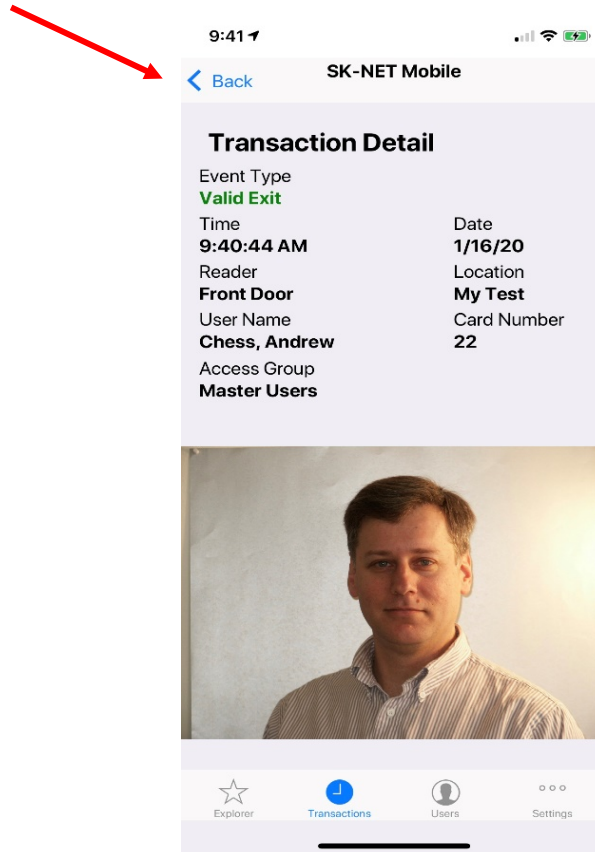
1. Use a finger to swipe up/down to scroll the transaction list.
2. The number of transactions in the location is displayed on the top toolbar. *Note * The number of transactions will probably not match the number shown for a location within SK-NET. The app only places the **latest 1000 transactions** in the cloud when you do the "Register" or "Reset Database" function in SK-NET. If you have multiple locations in SK-NET those 1000 transactions can be distributed between the locations so that 750 may be from location A and 250 are from location B. Therefore, when looking at transactions from the app, they are always filtered by location such that your app may only show 250 or 750 depending on the selected location.*
3. Select the menu ☰ icon in the upper left to bring up the transaction menu functions.
 - a. The spyglass 🔍 icon brings up the search entry box which allows for the search for a specific transaction.
 - b. The ◀ icon navigates the transaction list to the first (oldest) transaction.
 - c. The ▶ icon navigates the transaction list to the last (most recent) transaction.
 - d. The refresh ↻ icon refreshes the transaction list view from the data on the cloud.
4. Select the > to the right of a transaction to view it in detail. The transaction detail view is then shown.



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4.3.2 Transaction Detail View allows for the viewing of a single transaction in an SK-NET location.

1. The < **Back** button returns the view to the transaction list.



SK-NET shows the following simultaneously

Time	Date	Card #	User Name - Access Group	Transaction Type	Device ID/Location
00:00	1/15/2020			RAPB forgive all via Panel	SK-ACPE: 5720191/ My Test
14:43	1/15/2020			Lockdown Level 1 via PC	Front Door/ My Test
14:43	1/15/2020			Lockdown Level 1 via PC	Back Door/ My Test
00:00	1/16/2020			RAPB forgive all via Panel	SK-ACPE: 5720191/ My Test
09:40	1/16/2020	22	Andrew Chess - Master Users	Valid Exit	Front Door/ My Test
09:40	1/16/2020	22	Andrew Chess - Master Users	Valid Lockdown Override	Front Door/ My Test






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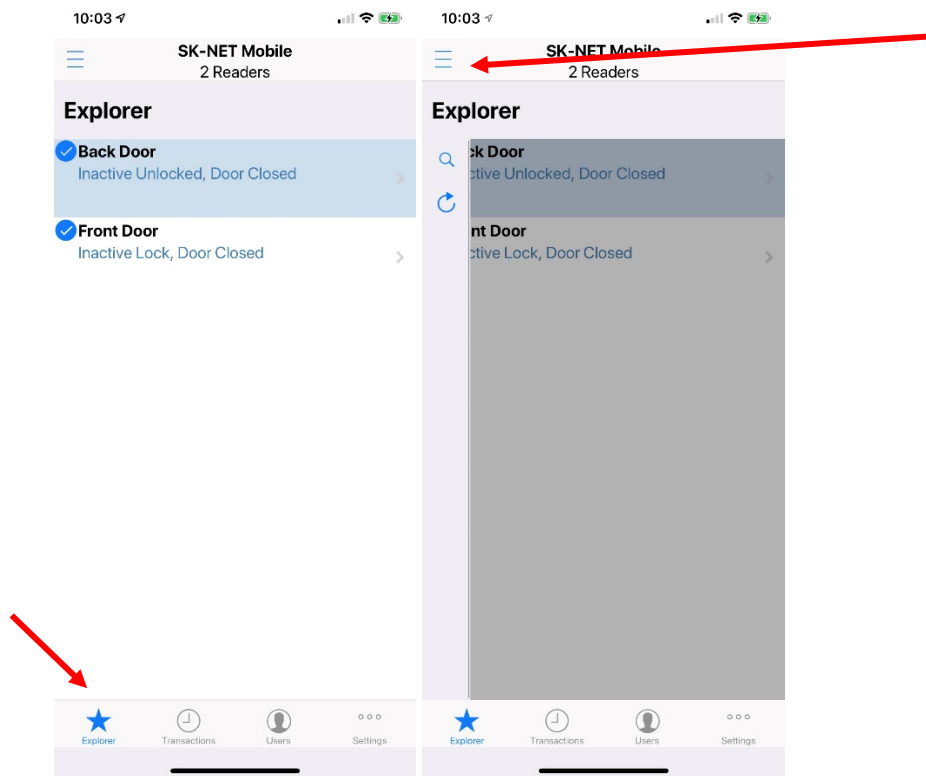
4.3.3 Transaction Icon Indicator shows the number of **new transactions** that have occurred since the app was minimized.



4.4 Explorer Tab Selecting the explorer tab allows for the viewing of all readers in the selected location. The Reader Control view lets you Open, Lock, Unlock and Enable/Disable the any connected door.

4.4.1 Explorer List View provides a full list of readers from a location in SK-NET. The current reader status is also displayed.

1. Use a finger to swipe up/down to scroll the reader list.
2. The number of readers in the location is displayed on the top toolbar.
3. Select the sandwich  icon in the upper left to bring up the explorer menu functions.
 - a. The spyglass  icon brings up the search entry box which allows for the search for a specific reader.
 - b. The refresh  icon refreshes the explorer list view from the data on the cloud.
4. Select the **>** to the right of a reader name to view it in detail. The reader detail view is then shown.



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4.4.2 Reader Control View allows for the ability to Open, Lock, Unlock and Disable/Enable a single reader or door in an SK-NET location.

1. **Open** button activates the door relay for the set open time.
2. **Lock** button locks the door indefinitely and makes the reader inactive.
3. **Unlock** button unlocks the door indefinitely.
4. **Normal** button places the reader in the normal (active) state.
5. **Disable Door Schedule** button disables a door automatic open schedule for an indefinite time until the “Normal” or “Enable Door Schedule” button is selected.
6. The < **Back** button returns the view to the Explorer list.

