



# LIVE Access PRO – Mobile App User Experience

## - specific to LIVE Locks -

Compatible with:

Web Portal 2.5.1















iOS app 1.0.1

Android app 2.1.0

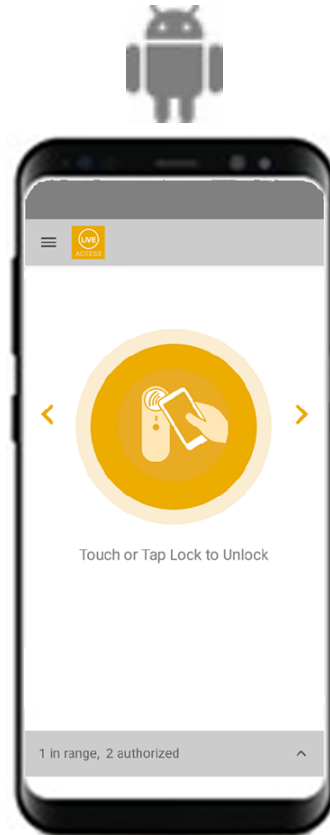
LIVE Lock FW 1.0.9

Printed: March 30, 2022

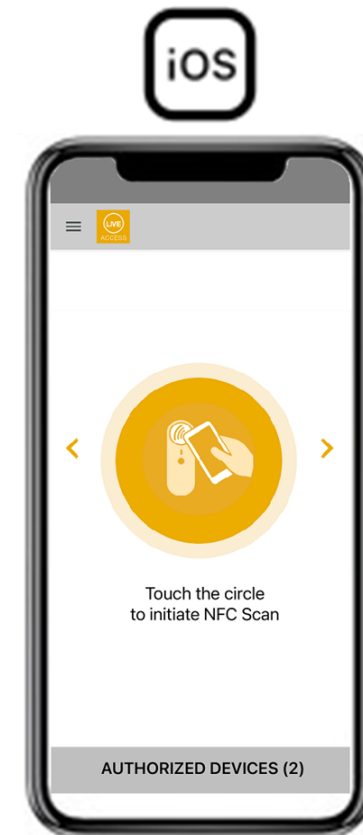
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## Available Mobile Platforms

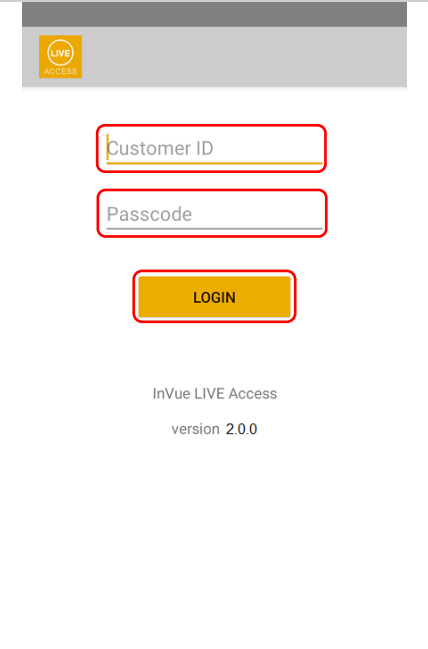
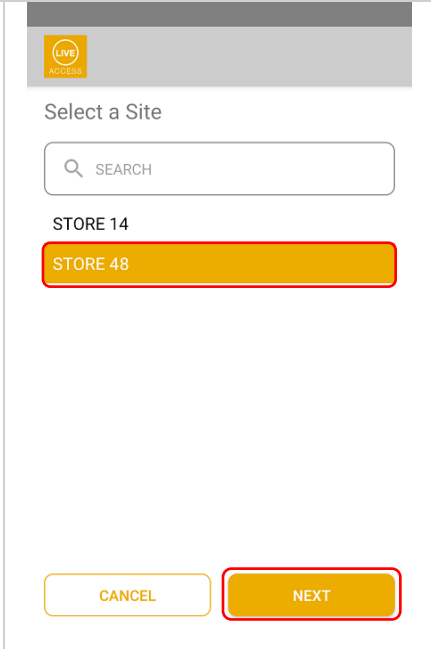
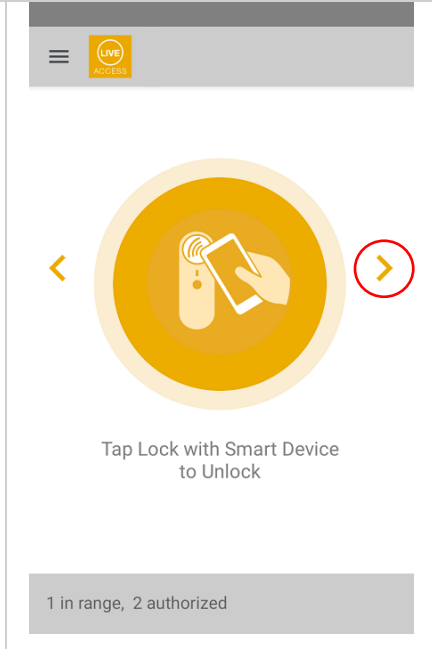
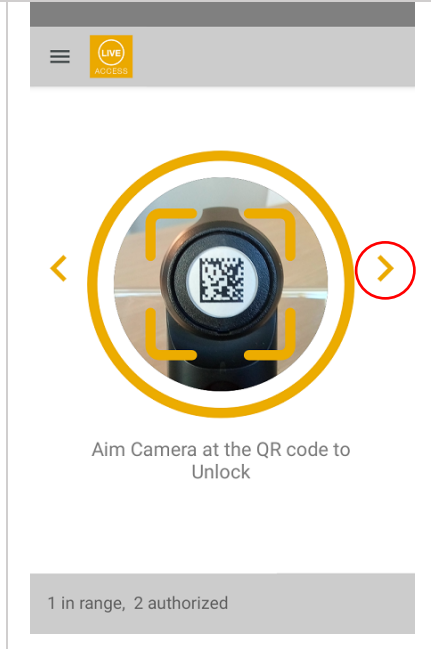
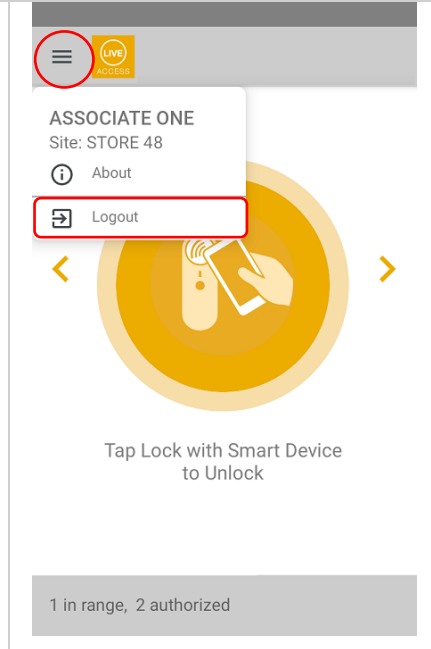
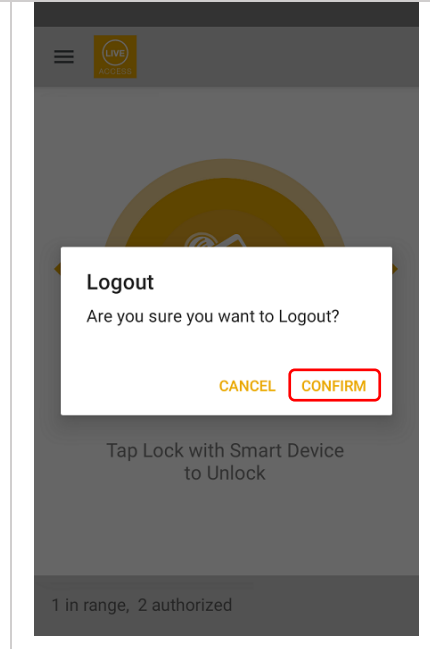


Android 10 and above  
(avoid low-cost devices)



iOS 12 and above  
iPhone 8 and above

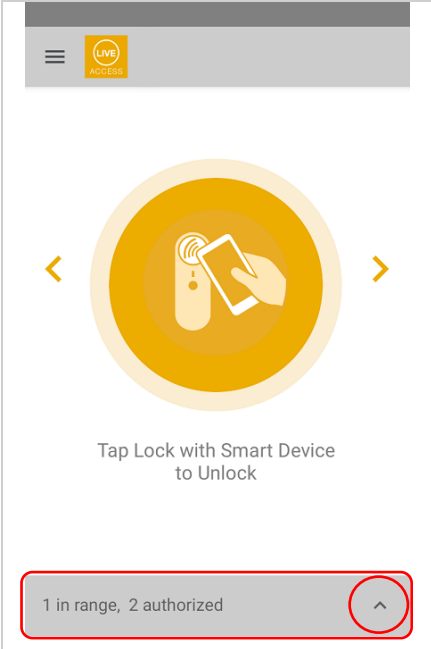
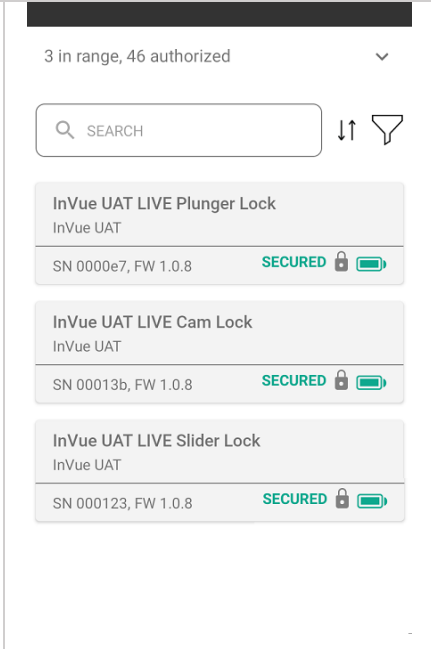
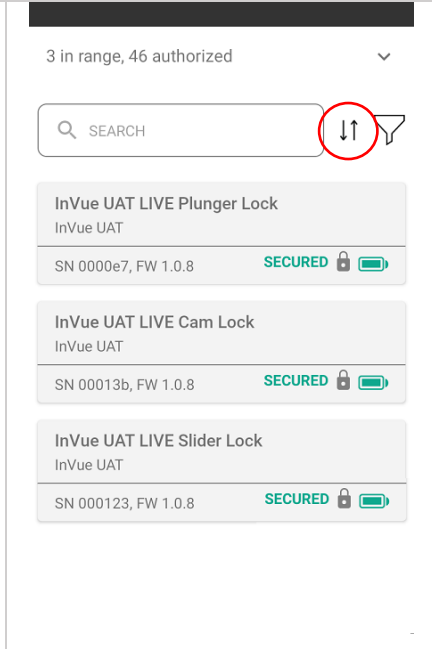
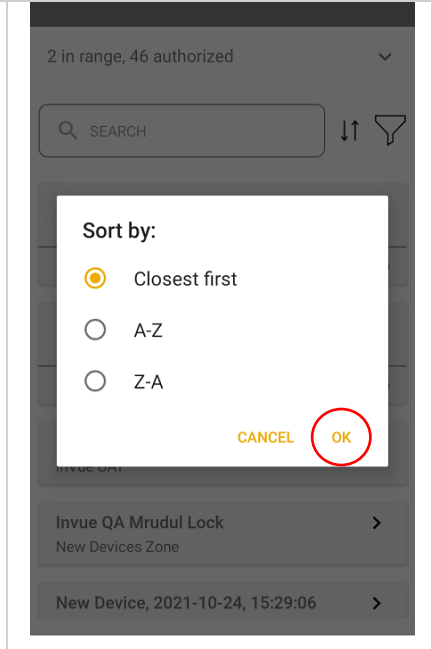
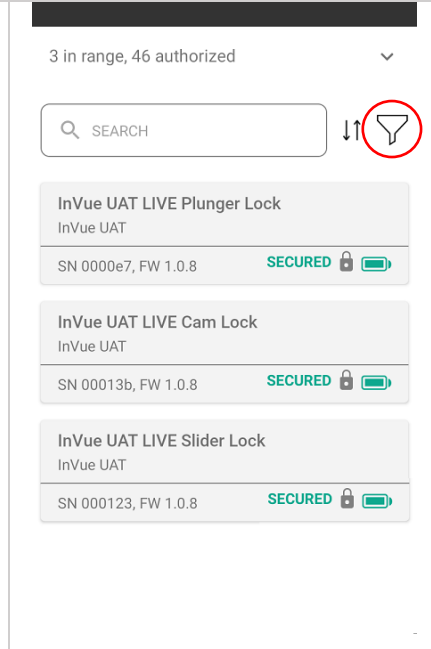
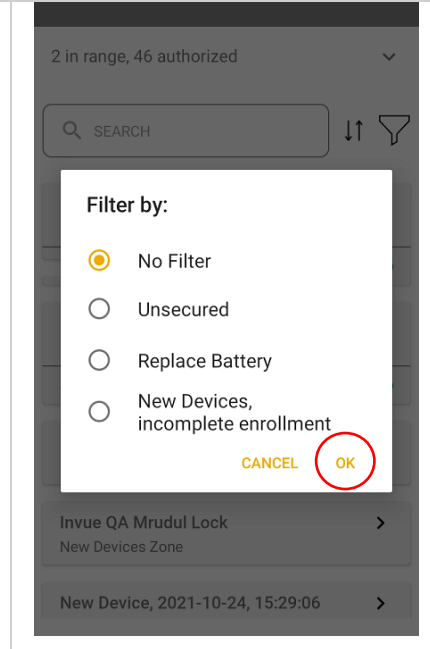
## Log In, Home Screen, and Log Out ( and )

Login	Select a Site	NFC Scan (aka: Home Screen)	2D Barcode Scan	Logout	Confirm Logout
					
<p><i>Customer ID</i> is unique to the environment/customer; this will be provided by InVue.</p> <p><i>Passcode</i> is same as the user's PIN which is used to check out a OneKEY; this will be provided by the system admin.</p>	<p>This screen is presented only if the User has access to more than one Site.</p> <p>To switch Sites, User has to log out and back in.</p>	<p>Use the smart-device's NFC scanner (if available).</p>	<p>Use the smart-device's Camera or Laser scanner (if available).</p>	<p>User can log out manually by selecting the option from the menu.</p> <p>User is automatically logged out after 30 minutes of inactivity.</p>	

## Operate Devices (basic operation: Unlock → Unlatch → Latch → Lock) ( and )

Home Screen	Unlocked	Unsecured	Locked	Secured	Time Expired
<p>Home Screen enables the user to operate the lock by scanning it with NFC:</p> <ul style="list-style-type: none"> <li>• <b>Android:</b> NFC is always engaged so touch the smart phone to the top of the LIVE Lock to engage the Unlock.</li> <li>• <b>iOS:</b> touch the circle in the app to engage NFC then touch the smart phone to the top of the LIVE Lock to engage the Unlock.</li> </ul> <p>If the number “in range” = 0, User will not be able to operate any Devices.</p>	<p>The green circle animation runs for a maximum of 4 seconds. User will be able to unlatch the Device (and open the cabinet/fixture) during these 4 seconds.</p> <p>If the User does not unlatch the Device, the Device will auto-lock and therefore return to a SECURED state.</p>	<p>The “Unsecured” screen appears if the User Unlatches the Device and this screen remains visible until the Device is returned to a SECURED state.</p>	<p>The “Locked” screen appears for a split-second to inform the User that the Device is SECURED.</p>	<p>The “Secured” screen is the final step of the unlock-lock process.</p> <p>From this screen, the User is able to operate the Device by touching the <i>Secured</i> circle one more time within 5 seconds after the first iteration.</p> <p>However, if user has the <i>Remote Operation</i> permission, they can operate the same lock multiple times without rescanning it until they exit this page; the <i>Time Expired</i> screen will not appear.</p>	<p>A user with the <i>Remote Operation</i> permission will not see this screen.</p>

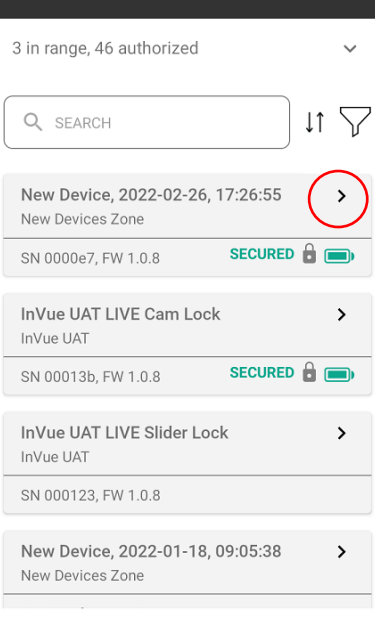
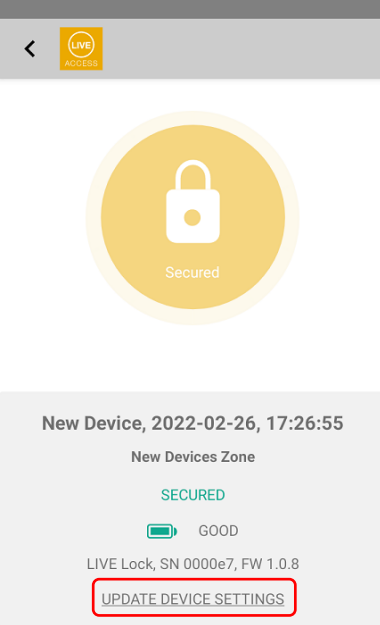
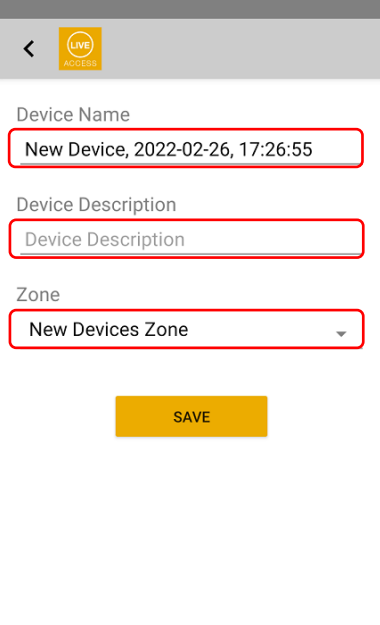
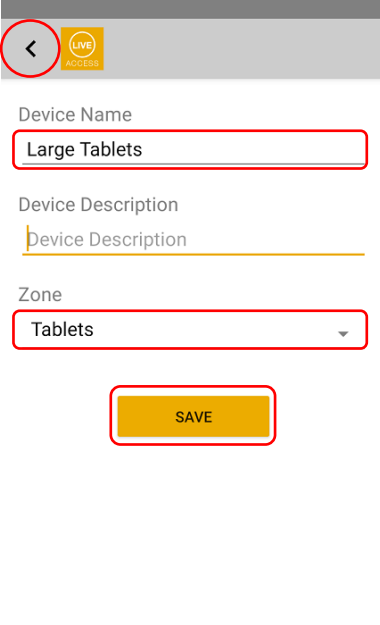
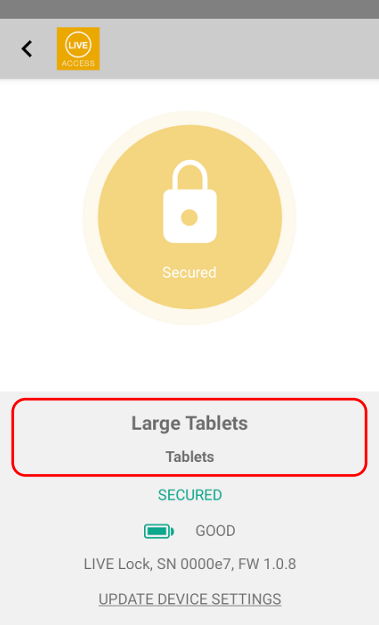
## Authorized Devices in Range ( )

Home Screen	In Range and Authorized	Sort	Select Sort Criteria	Filter	Select Filter Criteria
					
<p>Numbers “in range” and “authorized” refresh every 5 seconds.</p> <p>Any User will be able to open the list and view the Devices; regardless of special permissions.</p>	<p>Once the list is opened, the list will only refresh when a <i>Search</i>, <i>Sort</i>, or <i>Filter</i> is invoked.</p>		<p><i>Closest First</i> is the default. If no LIVE Locks are present, then A-Z is the default sort order.</p>		<p><i>No Filter</i> (= view all) is the default</p>

## Authorized Devices in Range ( )

Home Screen	In Range and Authorized	Sort	Select Sort Criteria	Filter	Select Filter Criteria
<p>Numbers “in range” and “authorized” refresh every 5 seconds.</p> <p>User must have one or more of the following permissions:</p> <ul style="list-style-type: none"> <li>• Enroll KAS/OKM/Devices</li> <li>• Manage Devices</li> <li>• Remote Operation</li> </ul> <p>to open the list to view the Devices.</p>	<p>Once the list is opened, the list will only refresh when a <i>Search</i>, <i>Sort</i>, or <i>Filter</i> is invoked.</p> <p>Users with one or more of the following permissions:</p> <ul style="list-style-type: none"> <li>• Manage Devices</li> <li>• Remote Operation</li> </ul> <p>will see a “&gt;” icon indicating that they can select a Device.</p> <p>Users with the following permission:</p> <ul style="list-style-type: none"> <li>• Manage Devices</li> </ul> <p>will see <u>all</u> Devices, including LIVE Locks and SmartLocks.</p>		<p><i>Closest First</i> is the default. If no LIVE Locks are present, then A-Z is the default sort order.</p>		<p><i>No Filter</i> (= view all) is the default</p>

## Update Device Settings ( )

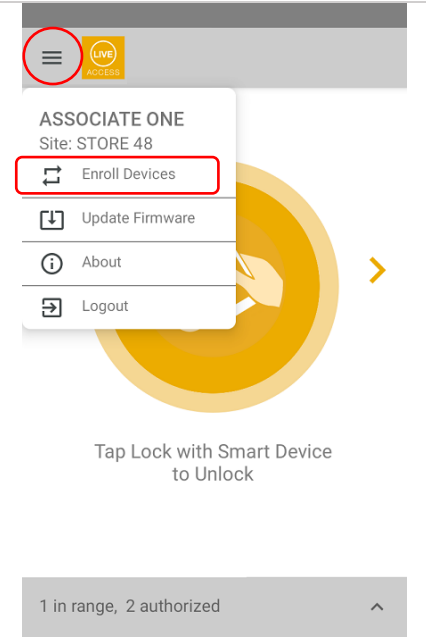
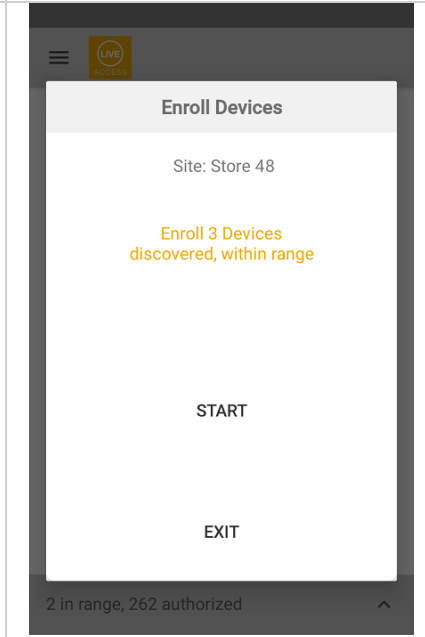
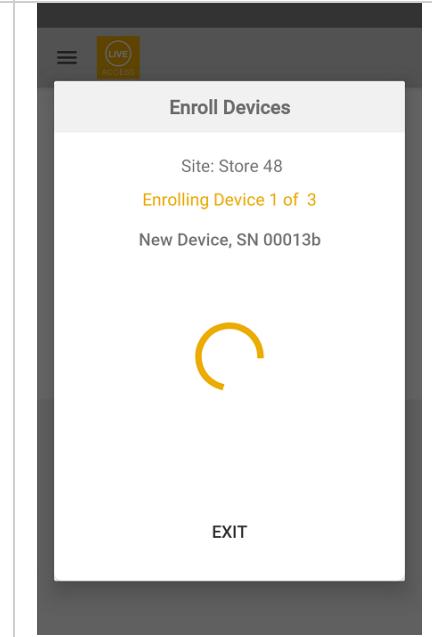
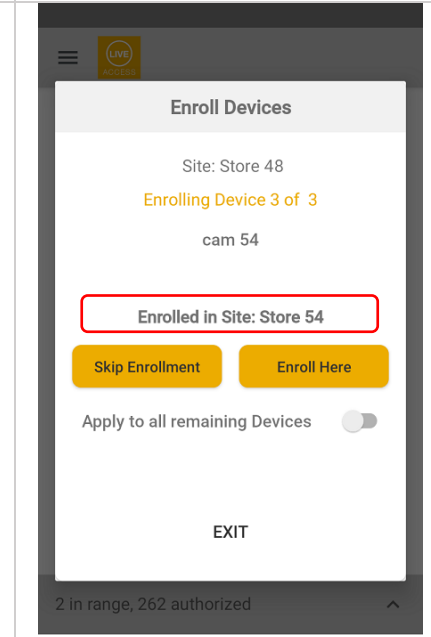
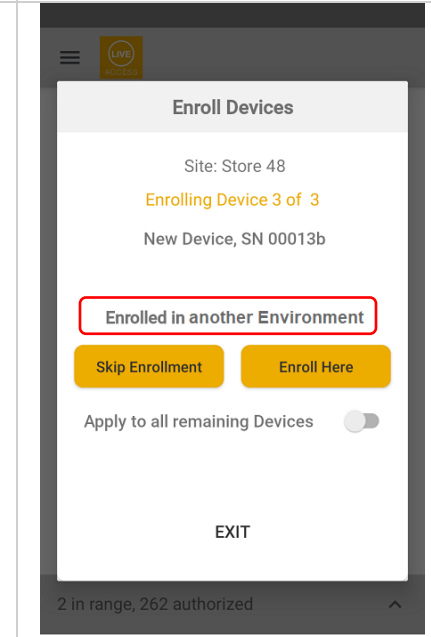
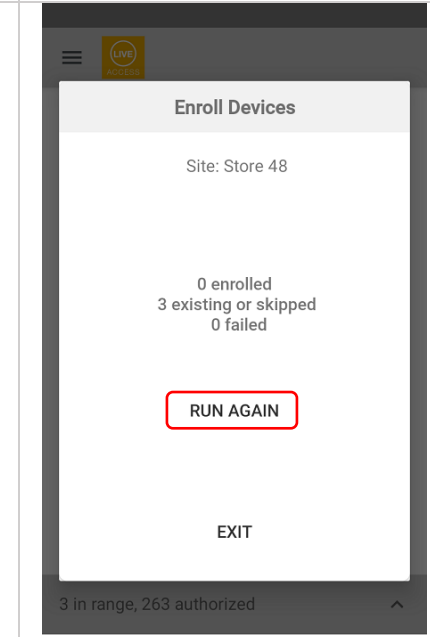
Update Device Settings	Select to Update Settings	Current Settings	Update and Save	Updated Device Settings
				
<p>Users with the following permission:</p> <ul style="list-style-type: none"> <li>• Manage Devices</li> </ul> <p>can select a Device to update its settings.</p> <p>User will be able to manage settings of <u>all</u> Devices, including LIVE Locks and SmartLocks.</p>	<p>The “<u>UPDATE DEVICE SETTINGS</u>” link will appear in the Device Info section.</p> <p>Selecting this link opens the Settings page.</p>	<p>Settings page displays the current Device settings.</p>	<p>Update the needed fields, then SAVE changes, then touch the BACK (&lt;) button to return to the <i>Secured</i> page.</p> <p>It may take up to 30 seconds for the Device Info to reflect the changes.</p>	



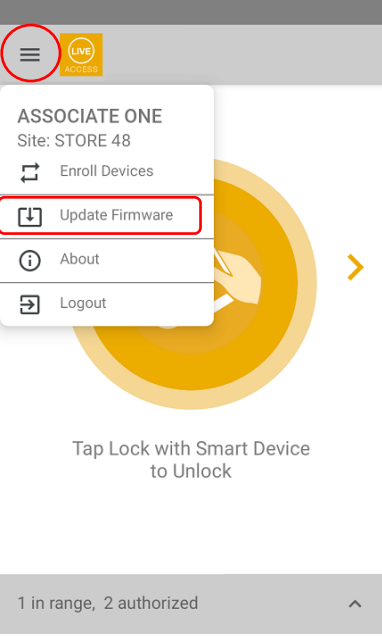
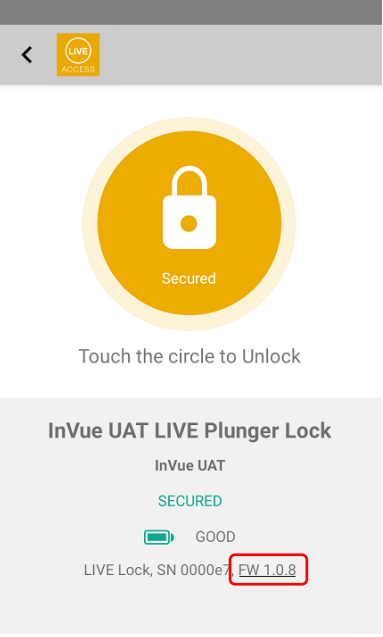
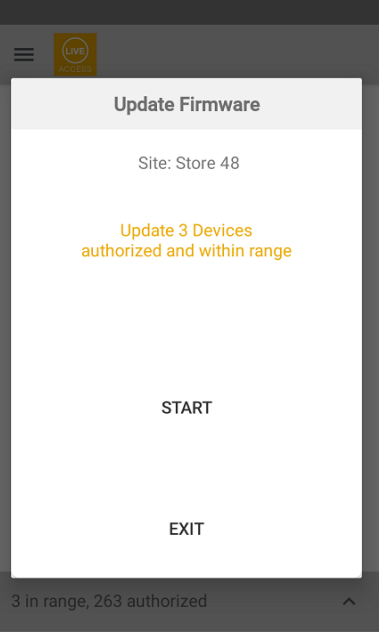
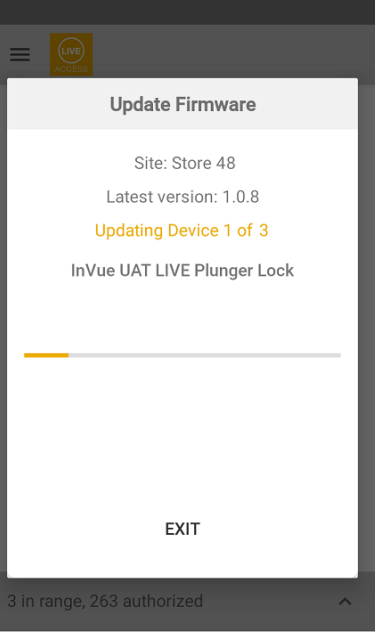
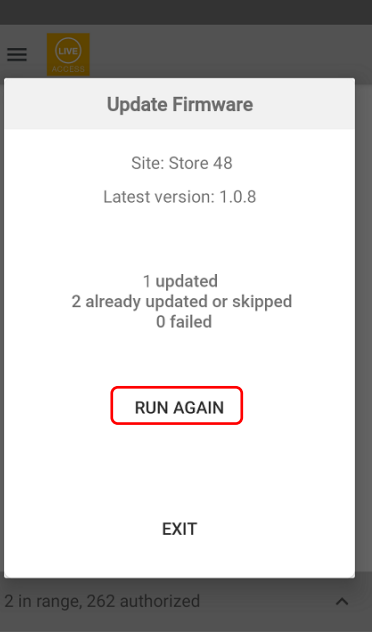
Device Not Found (screens explained) (🤖)

	Device Not Found	Previously Enrolled, diff Env	New and all others	Device in Another Site	
<p>If the Device is not enrolled in the User’s environment, they will be presented with the “<i>Device Not Found</i>” screen.</p>					<p>The Enrollment process is the same whether enrolling 1 Device at a time or multiple (in bulk).</p> <p>See the <i>Enroll Devices</i> workflow for details.</p>
	<p>A User does not have the permission:</p> <ul style="list-style-type: none"> <li>Enroll KAS/OKM/Devices will see the “<i>This Device is not Enrolled</i>” message.</li> </ul>	<p>A non-SuperAdmin User who has the permission:</p> <ul style="list-style-type: none"> <li>Enroll KAS/OKM/Devices <u>and</u></li> <li>the Device has FW version 1.0.9 or higher <u>and</u></li> <li>was previously Enrolled in another Environment.</li> </ul> <p>they will see the “<i>Consult your system admin to Enroll Device in this Site</i>” message.</p> <p>A <b>SuperAdmin</b> will not see this message; they will be able to Enroll this Device.</p>	<p>A User who has the permission</p> <ul style="list-style-type: none"> <li>Enroll KAS/OKM/Devices <u>and</u></li> <li>the Device is New (from factory, in box) or has been reset to Factory Defaults*</li> </ul> <p>they will see the “<i>Touch the circle to Enroll this Device</i>” message.</p> <p>This User can proceed to Enroll the Device.</p> <p>* only InVue can reset a lock to Factory Default.</p>	<p>Message seen when the Device is Enrolled in another Site of the User’s Environment.</p> <p>To Enroll the Device in the User’s current Site, delete the Device (from the Web Portal) then rescan it.</p>	

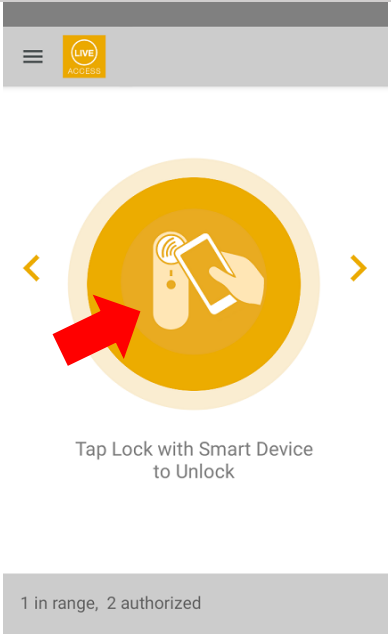
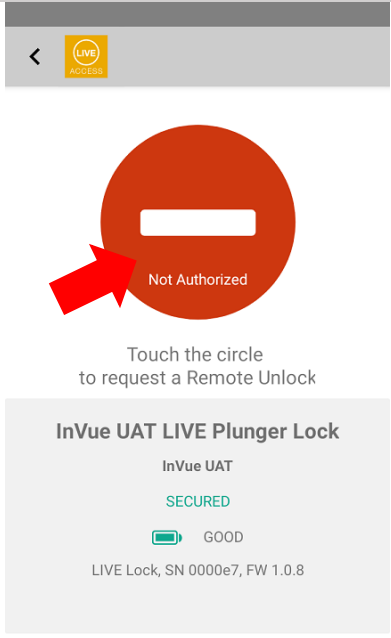
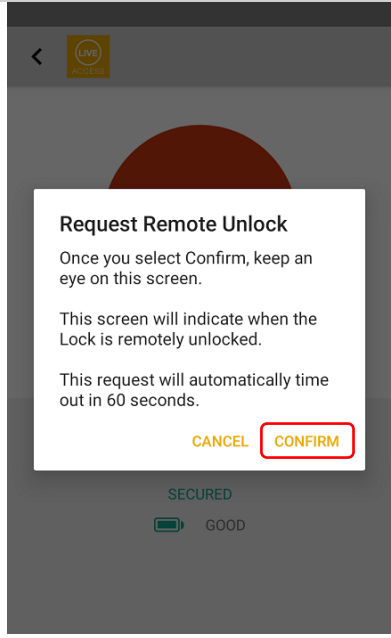
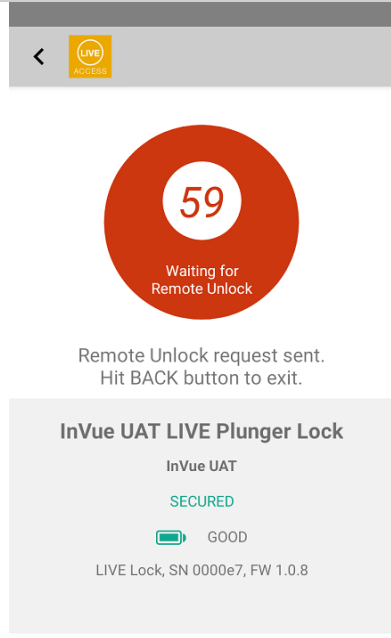
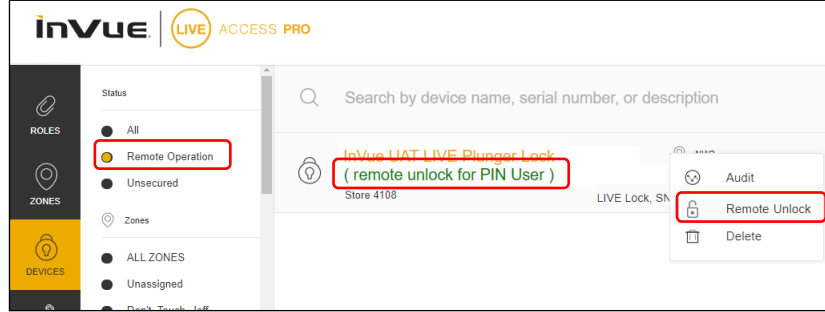
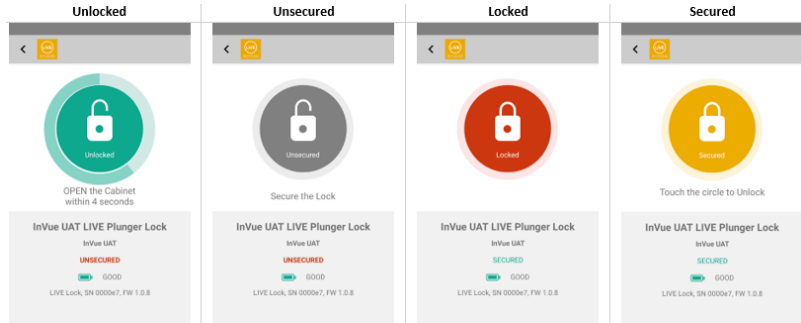
## Enroll Devices (1 at a time or in bulk) (🤖)

Home Screen	Start Enrollment	Enrolling Each Device	If already Enrolled in diff Site	If already Enrolled in diff Env	Summary
					
<p>Users with the following permission:</p> <ul style="list-style-type: none"> <li>Enroll KAS/OKM/Devices will see the “Enroll Devices” menu item.</li> </ul> <p>Selecting the menu item opens the “Start Enrollment” page.</p> <p>All Devices that are discovered and within range will be processed.</p>	<p>Confirm the correct Site is selected for Enrolling.</p> <p>System shows the number of Devices discovered within the range of the smart phone. This is the maximum number of Devices which will be processed.</p> <p>Start the Enrollment process by selecting “START”.</p>	<p>Enrollment process takes 1 – 5 seconds per Device so it is normal for the human eye to not catch the enrollment of each Device.</p> <p><b>If the process takes beyond 60 seconds for a lock, that may indicate an underlying issue related to communication between the Device and the app. In this case, try to run Enrollment again (exit and restart). If the issue persists, note the Serial Number of the Device where it hangs then contact support.</b></p>	<p>If a Device is already Enrolled in a different Site of the User’s enterprise, User is prompted to specify if the Device should be Enrolled in the currently selected Site. If chosen to “Enroll Here”, the Device will be removed from the “other” Site and Enrolled in this Site.</p> <p>Select “Apply to all remaining Devices” to not be prompted again for a similar case with remaining Devices.</p>	<p>If a Device has:</p> <ul style="list-style-type: none"> <li>FW version 1.0.9 or higher <u>and</u></li> <li>was previously Enrolled in another Environment.</li> </ul> <p>the User is prompted to specify if the Device should be Enrolled in their Environment. If chosen to “Enroll Here”, the Device will be added to the user’s Environment.</p> <p><b>IMPORTANT:</b> The Device will not be removed from the “other” Environment.</p>	<p>Summary page detailing the number of Devices processed.</p> <p>Enrollment can be RUN AGAIN; thus avoiding the need to EXIT and restart.</p>

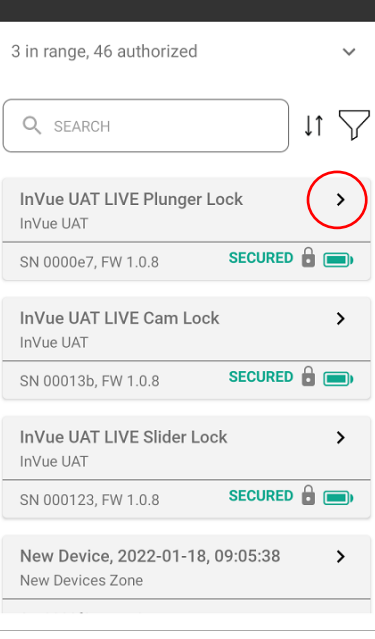
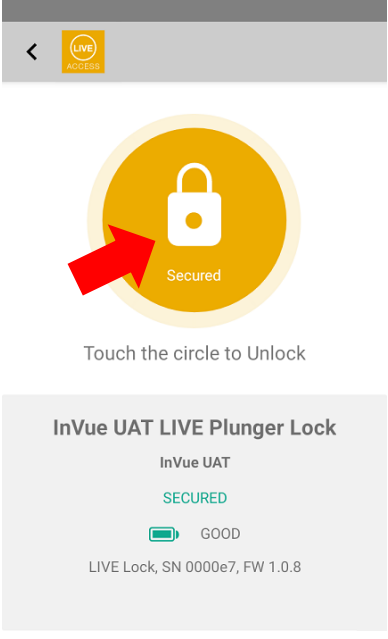
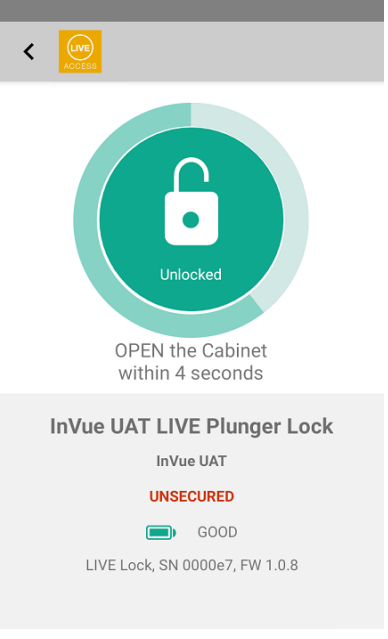
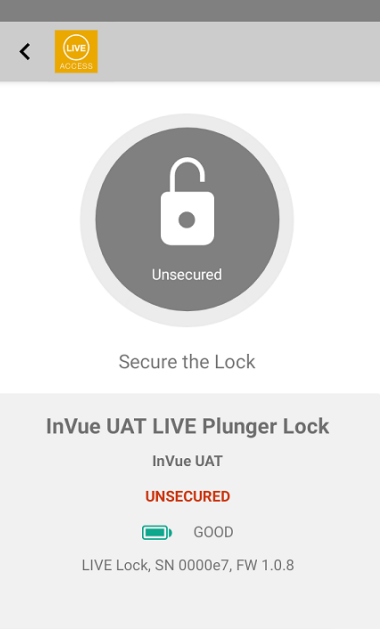
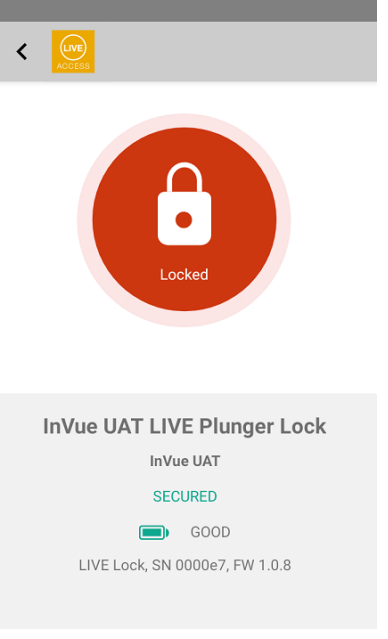
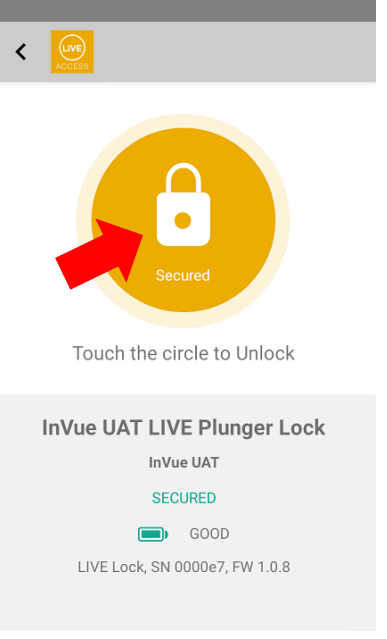
## Update Firmware ( )

Home Screen	Update FW of Selected Device	Start FW Update	Update Firmware	Summary
				
<p>Users with the following permission:</p> <ul style="list-style-type: none"> <li>Enroll KAS/OKM/Devices will see the “Update Firmware” menu item.</li> </ul> <p>Selecting the menu item opens the “Start FW Update” page.</p> <p>All Devices that are authorized and within range will be processed.</p>	<p>Users with the following permission:</p> <ul style="list-style-type: none"> <li>Enroll KAS/OKM/Devices will see the FW version link.</li> </ul> <p>Clicking on the link opens the “Start FW Update” page.</p> <p>Only the selected Device will be processed.</p>	<p>Confirm the correct Site is selected for Updating the FW.</p> <p>System shows the number of Devices authorized and within the range of the smart phone. This is the maximum number of Devices which will be processed.</p> <p>Start the FW Update process by selecting “START”.</p>	<p>Updating FW takes about 30 seconds per Device.</p> <p>During the FW Update and for 10 to 20 seconds following the update, the Device will not appear in the “in range, authorized” list and therefore will not operate using the App.</p>	<p>Summary page detailing the number of Devices processed.</p> <p>FW Update can be run again by selecting “RUN AGAIN”; thus avoiding the need to “EXIT” and restart.</p>

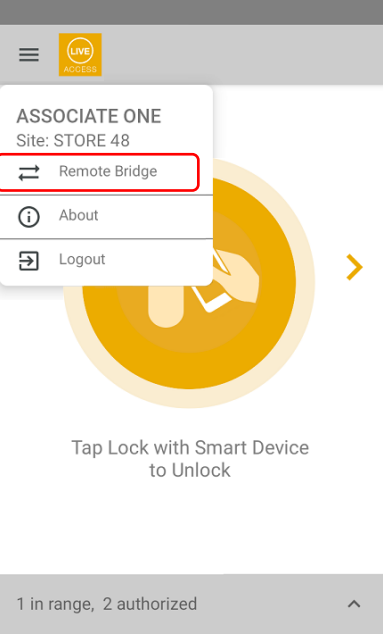
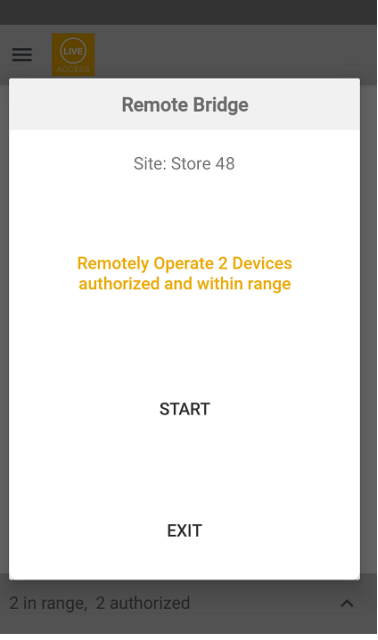
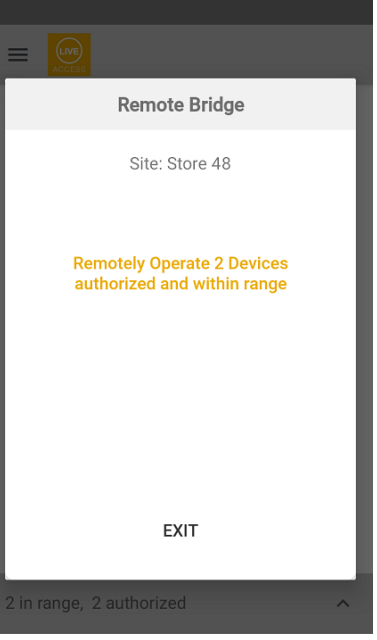
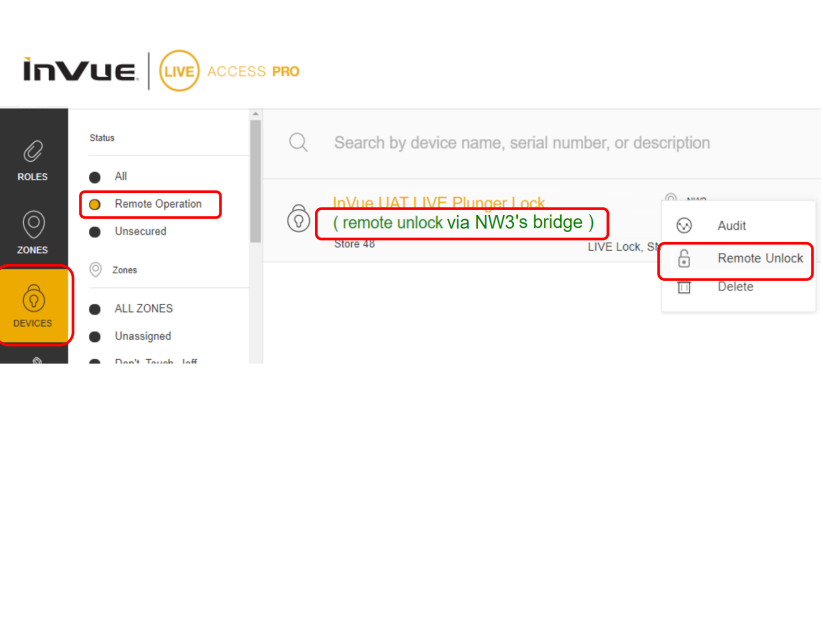
## Request a Remote Unlock (for an unauthorized attempt) ( )

Home Screen	Not Authorized	Request Remote Unlock	Wait up to 60 Seconds	Remotely Unlock
				<p style="text-align: center;"><b>Admin User can Unlock the Device from LIVE Access Web Portal</b></p> 
<p>User attempts to operate a Device as per normal process.</p>	<p>If the User does NOT have permission to operate the scanned Device, user is presented with the option to “Request a Remote Unlock”.</p> <p>User must touch the circle to begin the process of initiating the request.</p>	<p>User must “CONFIRM” to initiate the request.</p>	<p>System allows 60 seconds for an authorized User of the Web Portal to remotely unlock the Device.</p> <p>The App User must wait next to the Device for the Remote Unlock to function.</p>	<p>Admin User remotely unlocks the Device from LIVE Access Web Portal, Devices Page.</p> <p>User’s App will show the Device Unlock sequence.</p> 

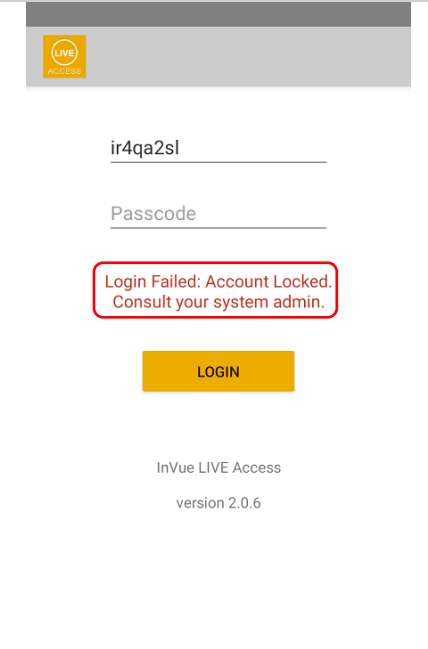
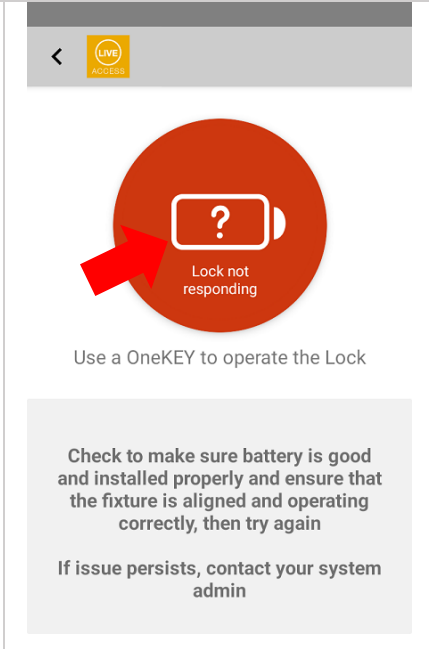
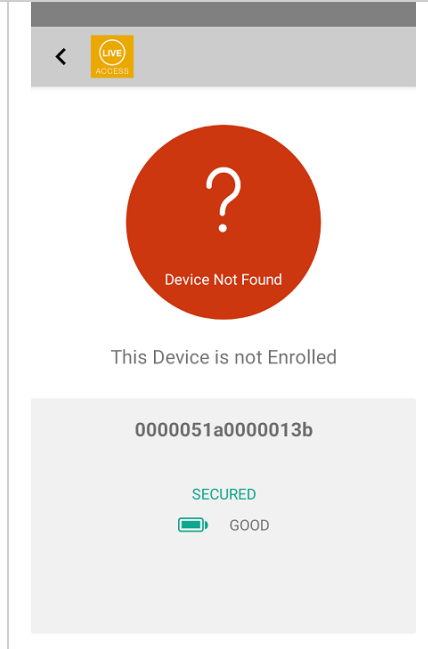
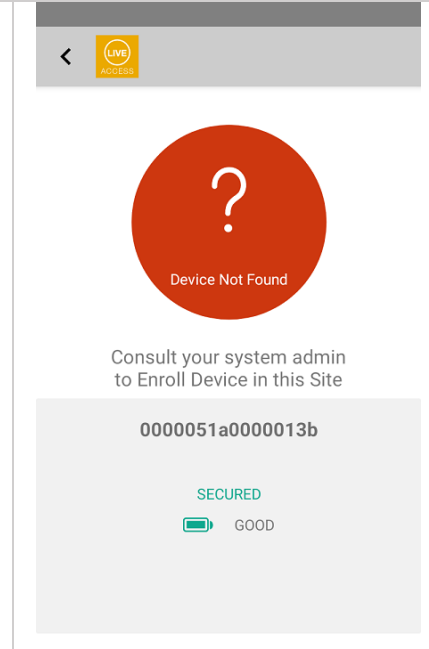
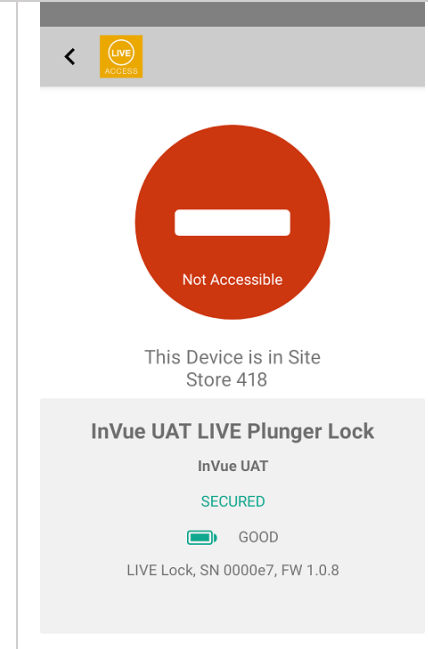
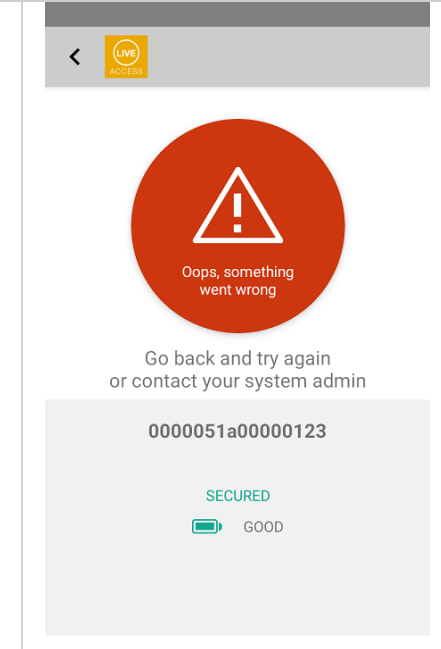
## Remote Unlock from App ( )

In Range and Authorized	Secured	Unlocked	Unsecured	Locked	Secured
					
<p>Users with the following permission:</p> <ul style="list-style-type: none"> <li>Remote Operation</li> </ul> <p>will be able to select a Device from the list to operate the Device without first scanning it.</p> <p>Selecting a Device will open the “Secured” page.</p>	<p>User must touch the circle to operate the Device.</p> <p>User must be within range of the Lock to Remotely Unlock.</p> <p>If User is <u>not</u> within range of the Device, the circle will <u>not</u> be actionable.</p>				<p>User is able to repeatedly operate the Device by touching the <i>Secured</i> circle after each iteration (<i>Time Expired</i> screen will not appear).</p>

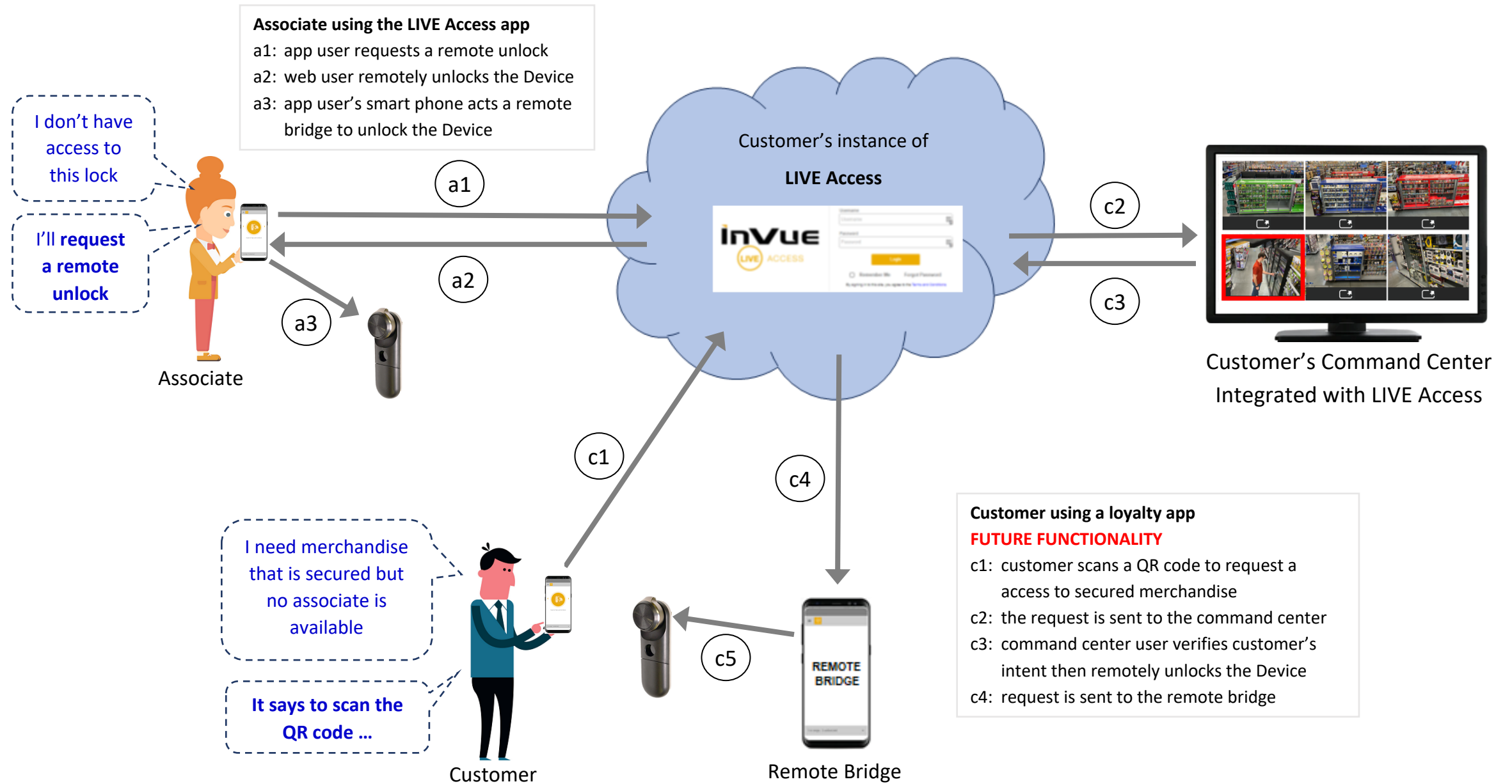
## Remote Bridge ( )

Remote Bridge	Start Remote Bridge	Remote Bridge Open	Advertise in Web Portal, Devices page   Remote Unlock
			
<p>A User Type = SECURITY with the following permission:</p> <ul style="list-style-type: none"> <li>Remote Operation</li> </ul> <p>will see the “Remote Bridge” menu item.</p> <p>Selecting the menu item opens the “Remote Bridge” page.</p>	<p>Confirm the correct Site is selected for the Remote Bridge.</p> <p>Start the Remote Bridge process by selecting “START”.</p> <p>Remote Bridge will be able to operate Devices that are within range and in the User’s access.</p>	<p>“START” button now shown while the Remote Bridge is active.</p> <p>While the Remote Bridge is active, in the Web Portal, each Device will display that it is available for remote unlock via this User’s bridge.</p>	<ol style="list-style-type: none"> <li>1. Sign in to the Web Portal with a User Type = ADMIN</li> <li>2. On DEVICES page, select <b>Status</b> = <i>Remote Operation</i> <ul style="list-style-type: none"> <li>• This will display all Devices available for remote unlock</li> </ul> </li> <li>3. To unlock a Device remotely, navigate to the 3-dot context menu and select “Remote Unlock”                     <ul style="list-style-type: none"> <li>• This menu item is only available to a User Type = ADMIN with the <i>Remote Operation</i> permission</li> <li>• Selecting this menu item will send a message to the Remote Bridge to unlock the Device</li> </ul> </li> <li>4. The Device will unlock then relock per its normal operation                     <ul style="list-style-type: none"> <li>• During this time, the Device can be unlatched, cabinet can be opened, then closed, and the Device can be latched.</li> </ul> </li> </ol> <p>All activity is recorded and visible on the Audit page.</p>

## Operation / Interaction – Error States ( )

Account Locked	Device Not Responding	Device Not Found	Previously Enrolled, diff Env	Device in Another Site	Oops, something went wrong
 <p>The screenshot shows a login screen with a 'LIVE ACCESS' logo, a username field containing 'ir4qa2sl', and a passcode field. A red-bordered error message reads: 'Login Failed: Account Locked. Consult your system admin.' Below the fields is a yellow 'LOGIN' button. At the bottom, it says 'InVue LIVE Access version 2.0.6'.</p>	 <p>The screenshot shows a red circle with a battery icon and a question mark, with a red arrow pointing to it. Text below reads 'Lock not responding'. Below that, it says 'Use a OneKEY to operate the Lock'. At the bottom, there is a grey box with instructions: 'Check to make sure battery is good and installed properly and ensure that the fixture is aligned and operating correctly, then try again. If issue persists, contact your system admin'.</p>	 <p>The screenshot shows a red circle with a question mark and the text 'Device Not Found'. Below it, it says 'This Device is not Enrolled'. At the bottom, there is a grey box containing the device ID '0000051a0000013b', the word 'SECURED' in green, and a battery icon with 'GOOD' next to it.</p>	 <p>The screenshot shows a red circle with a question mark and the text 'Device Not Found'. Below it, it says 'Consult your system admin to Enroll Device in this Site'. At the bottom, there is a grey box containing the device ID '0000051a0000013b', the word 'SECURED' in green, and a battery icon with 'GOOD' next to it.</p>	 <p>The screenshot shows a red circle with a horizontal bar and the text 'Not Accessible'. Below it, it says 'This Device is in Site Store 418'. At the bottom, there is a grey box with the text 'InVue UAT LIVE Plunger Lock', 'InVue UAT', 'SECURED' in green, a battery icon with 'GOOD', and 'LIVE Lock, SN 0000e7, FW 1.0.8'.</p>	 <p>The screenshot shows a red circle with a warning triangle and the text 'Oops, something went wrong'. Below it, it says 'Go back and try again or contact your system admin'. At the bottom, there is a grey box containing the device ID '0000051a00000123', the word 'SECURED' in green, and a battery icon with 'GOOD' next to it.</p>
<p>Message seen if User’s account is locked.</p> <p>Account can be unlocked from the Web Portal by an authorized Admin User.</p>	<p>Message seen if the Device (Lock) is not responding to scanning (NFC or ‘QR’ Code).</p> <p>Steps to correct the situation are provided on-screen.</p>	<p>Message seen when the Device is not found in the User’s Environment (Customer’s instance of LIVE Access) <u>and</u> the User does not have the permission to “Enroll”.</p>	<p>Message seen when the Device is Enrolled in another Environment (<u>not</u> this Customer’s instance of LIVE Access).</p> <p>A special user has to complete this type of enrollment.</p>	<p>Message seen when the Device is Enrolled in another Site of the User’s Environment.</p> <p>To change the Enrollment of this Device to the User’s current Site, first delete the Device (from the Web Portal) and then rescan it.</p>	<p>Message seen when a Device is scanned but something went wrong (an undermined error occurred).</p>

## Remote Operation – how it works





## Remote Operation Capabilities

### 1. Request a Remote Unlock

- Intended for any user who does not have access to a Device (represented by path a1 – a3).
- Example: user needs to service a customer but does not have access to the cabinet. Instead of giving this user access to the Device, another authorized\* user can unlock the Device using the LIVE Access Web Portal.

### 2. Unlock without Scanning the Lock

- Intended to allow an authorized\* user of the App to unlock a Device from a distance but within Bluetooth proximity, without scanning the Device (represented by path a1 – a3)
- Example: user can open a door equipped with the *LIVE Access Reader* as they approach the door

### 3. Remote Bridge

- Intended to allow an authorized\* SECURITY user to establish a remote bridge in proximity of authorized Devices so that another authorized\* user can unlock a Device from anywhere in the enterprise using the LIVE Access Web Portal (represented by path c4 – c5)

### 4. Command Center / Trusted Customer (requires customer to integrate with LIVE Access) – FUTURE FUNCTIONALITY

- Intended to allow a known customer to request access to secured merchandize using their brand-loyalty app; request is then satisfied by an authorized user\* in the Customer's Command Center (represented by path c1 – c5)
- Requires a Remote Bridge to be active in Bluetooth proximity of the Device which the customer intends to have unlocked

\* Requires the “Remote Operation” permission, granted per User account. User’s ability to operate a Device is limited to the Devices which each User has access. All activity is recorded for Audit and management reporting.