



D3S ID App Field Update Guide

Within the D3S ID app, a field update feature is available, which allows users to download and install the latest version of the app, when available, in the field using an internet connection. Below is a step by step instruction on the update procedure. For any technical enquiry, please contact service@kromek.com.

Please note:

- 1) For D3S ID app **series 1 (version 1.x.x)** as shown in Figure 1, a licence key will need to be issued by Kromek **before** updating the app. Failing to obtain a licence key prior to the update installation will disable the app completely. Please visit the following link to request for a licence key. Please go to **step 1** to proceed with the update.
www.kromek.com/security/d3s-wearable-personal-radiation-detectors/d3s-app-update/
- 2) For D3S ID app **series 2 (version 2.x.x)**, a licence key is already employed within the app and therefore the update can proceed without obtaining a licence key. Please jump to **step 4** to proceed with the update.



Figure 1: D3S ID app series 1 (version 1.x.x)

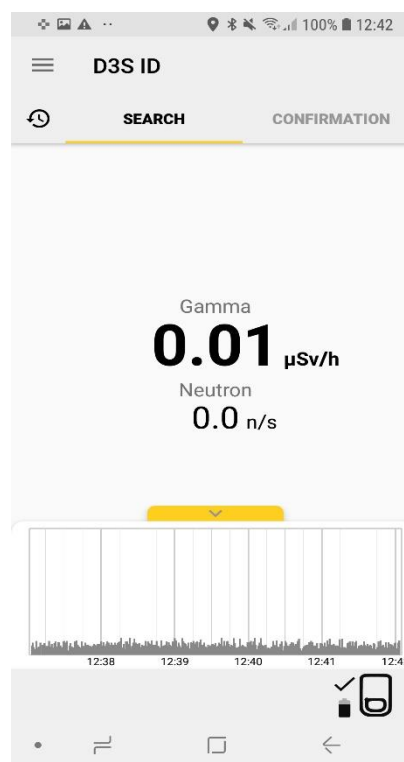
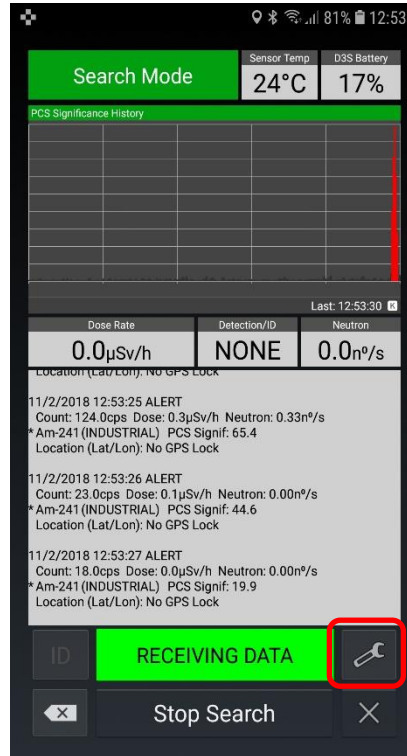
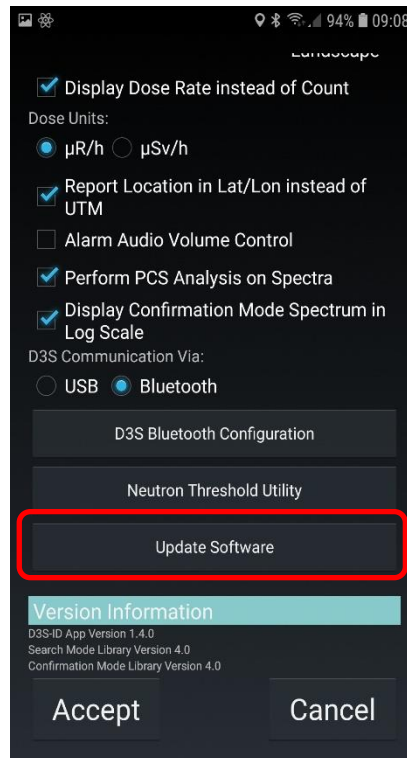


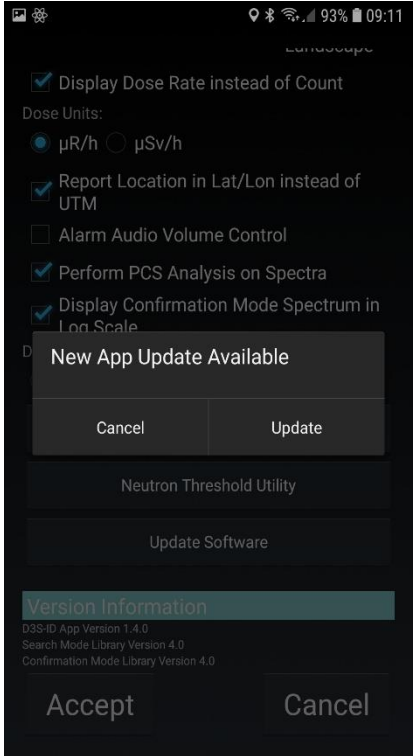

Figure 2: D3S ID app series 2 (version 2.x.x)

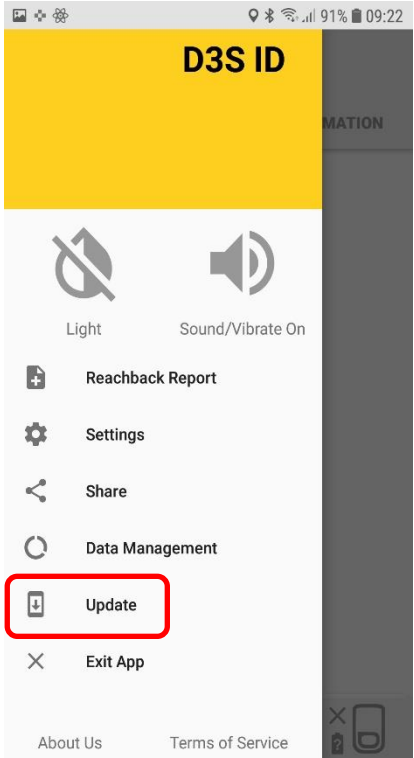
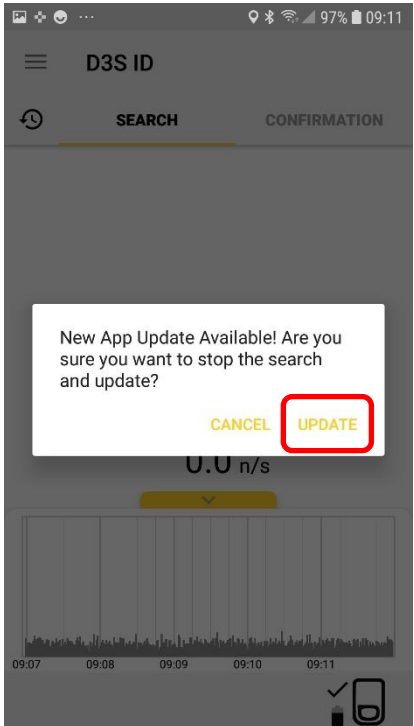
1. Ensure there is internet connection.
From the D3S ID app Search Mode screen, go to Settings.

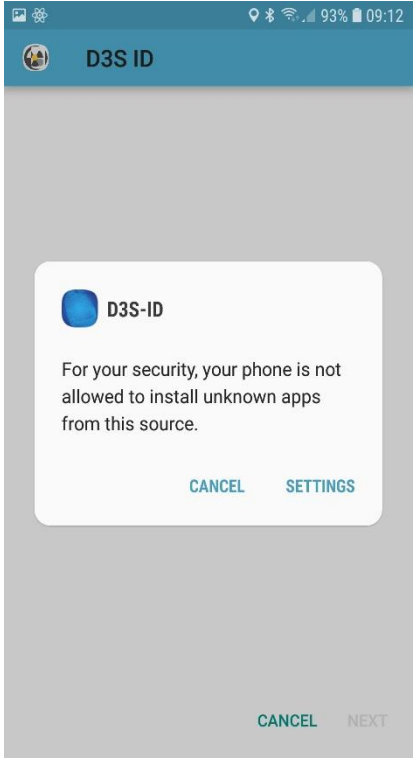
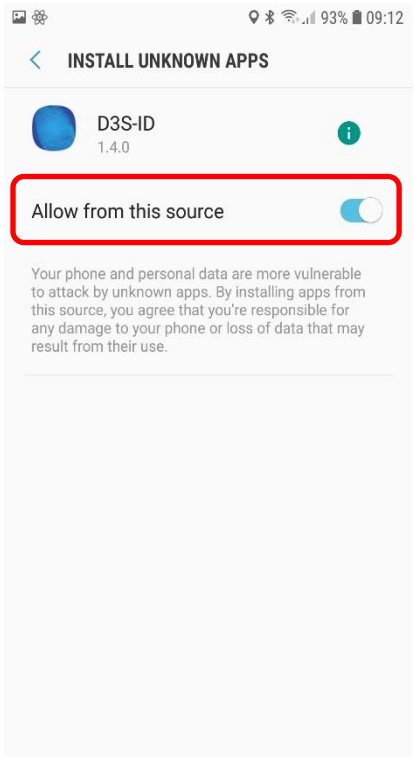


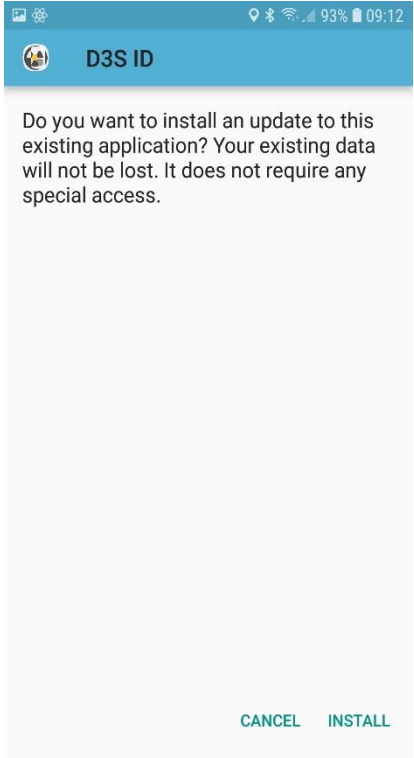
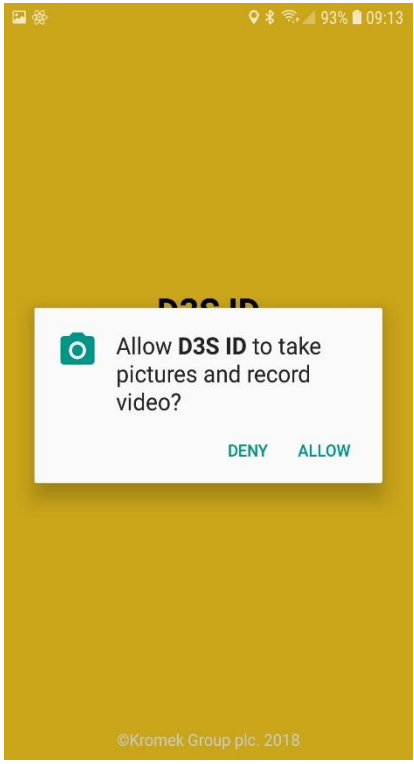
2. Scroll down and Select the Update Software button.

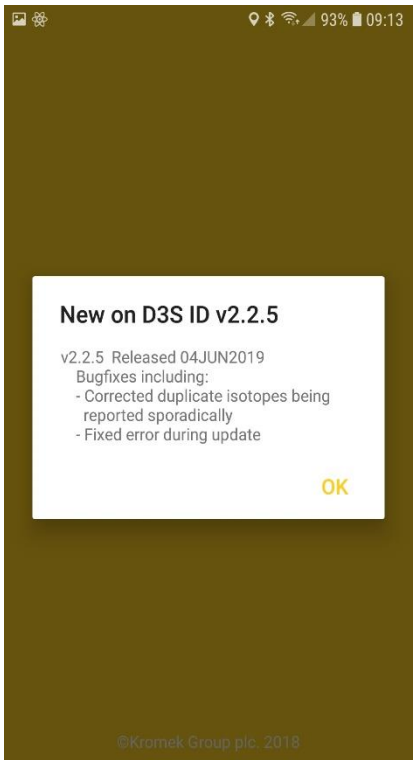
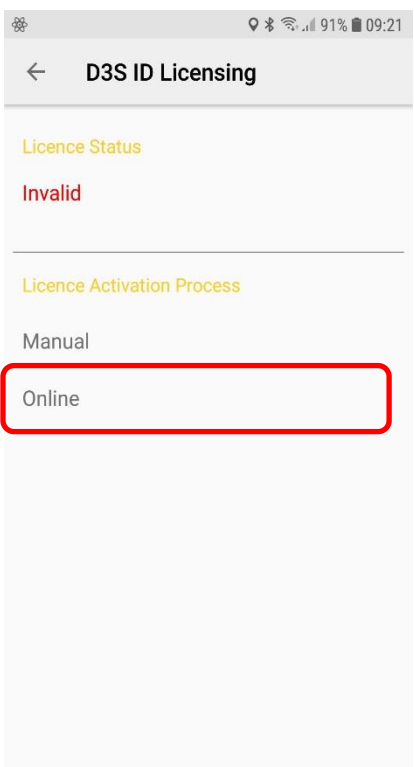


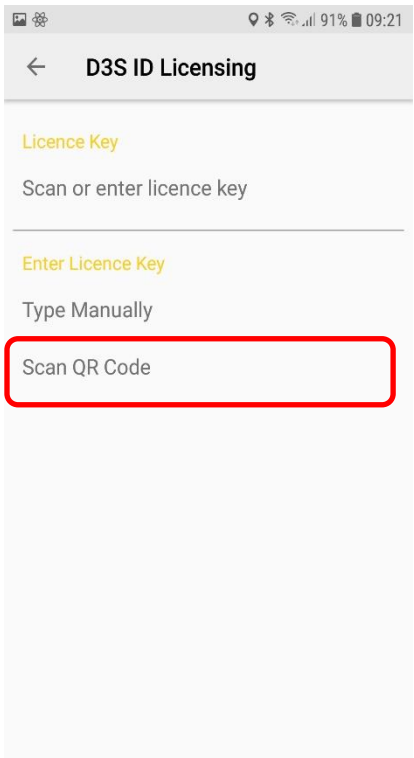
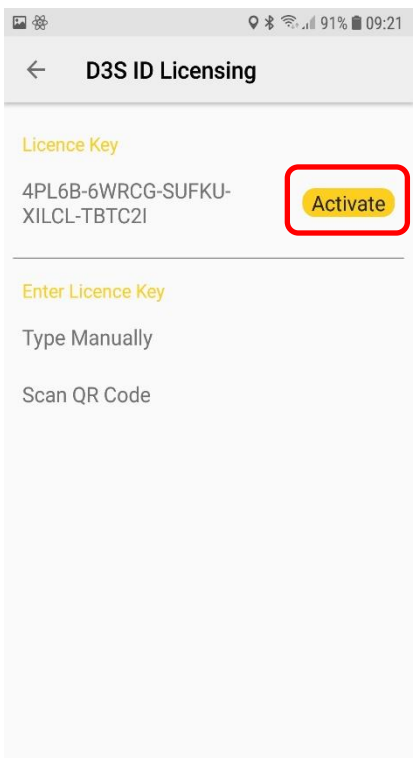
<p>3. Select Update when prompted.</p> <p>Please jump to step 7.</p>	
<p>4. Go to Menu</p>	

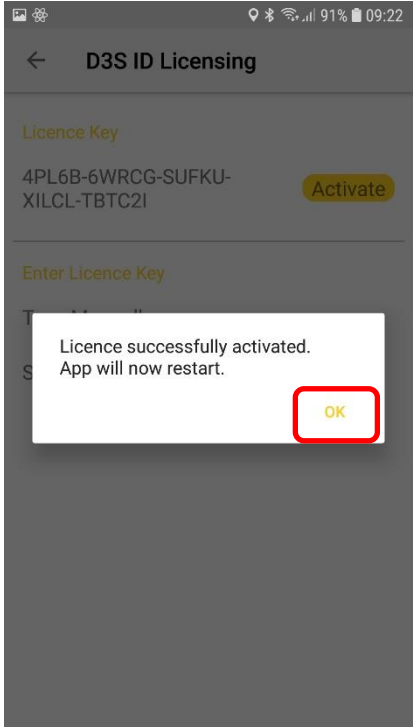
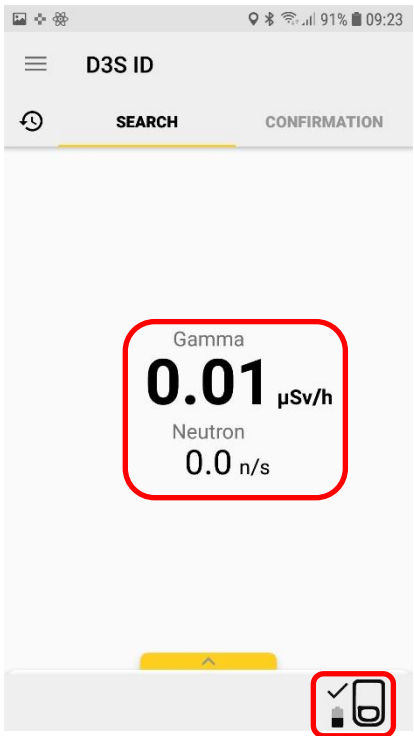
<p>5. Select Update</p>	 <p>The screenshot shows the D3S ID app settings menu. The 'Update' option, represented by a download icon, is highlighted with a red rectangular box. Other menu items include Light, Sound/Vibrate On, Reachback Report, Settings, Share, Data Management, and Exit App. The status bar at the top shows 91% battery and the time 09:22.</p>
<p>6. Select Update</p>	 <p>The screenshot shows a dialog box in the D3S ID app. The dialog box contains the text: 'New App Update Available! Are you sure you want to stop the search and update?'. Below the text are two buttons: 'CANCEL' and 'UPDATE'. The 'UPDATE' button is highlighted with a red rectangular box. The background shows a search interface with a waveform and a time axis from 09:07 to 09:11. The status bar at the top shows 97% battery and the time 09:11.</p>

<p>7. Select SETTINGS to allow installation</p>	 <p>A screenshot of an Android phone showing a warning dialog for the D3S-ID app. The dialog has a blue header with the app icon and name 'D3S-ID'. The main text reads: 'For your security, your phone is not allowed to install unknown apps from this source.' At the bottom of the dialog are two buttons: 'CANCEL' and 'SETTINGS'. The background shows the app's main screen with a 'D3S ID' header and a 'CANCEL NEXT' button at the bottom.</p>
<p>8. Allow app installation</p>	 <p>A screenshot of the 'INSTALL UNKNOWN APPS' settings page on an Android phone. The page title is 'INSTALL UNKNOWN APPS'. Below the title, the app 'D3S-ID' (version 1.4.0) is listed with an information icon. A red rectangle highlights the 'Allow from this source' toggle switch, which is currently turned on. Below the toggle, there is a warning message: 'Your phone and personal data are more vulnerable to attack by unknown apps. By installing apps from this source, you agree that you're responsible for any damage to your phone or loss of data that may result from their use.'</p>

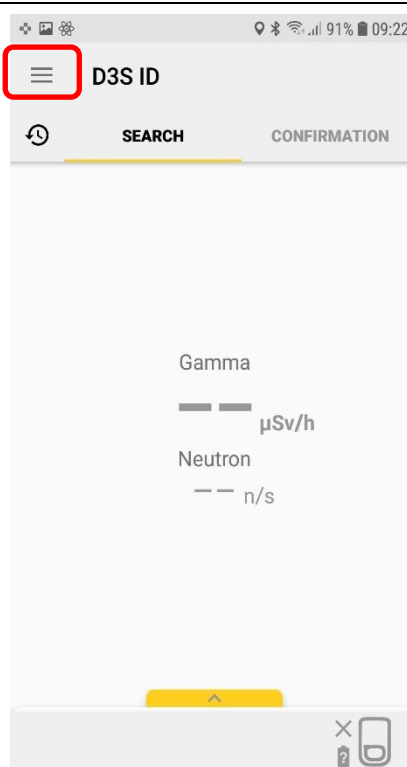
<p>9. Select INSTALL</p>	 <p>A screenshot of an Android phone showing an update dialog for the 'D3S ID' app. The dialog has a blue header with the app icon and name. The main text asks: 'Do you want to install an update to this existing application? Your existing data will not be lost. It does not require any special access.' At the bottom, there are two buttons: 'CANCEL' and 'INSTALL'.</p>
<p>10. Select ALLOW</p>	 <p>A screenshot of an Android phone showing a camera permission dialog. The background is a solid yellow color. A white dialog box is centered, asking: 'Allow D3S ID to take pictures and record video?'. There are two buttons at the bottom: 'DENY' and 'ALLOW'. At the bottom of the screen, there is a copyright notice: '©Kromek Group plc. 2018'.</p>

<p>11. Select OK</p>	
<p>12. Ensure there is internet connection. Select Online.</p>	

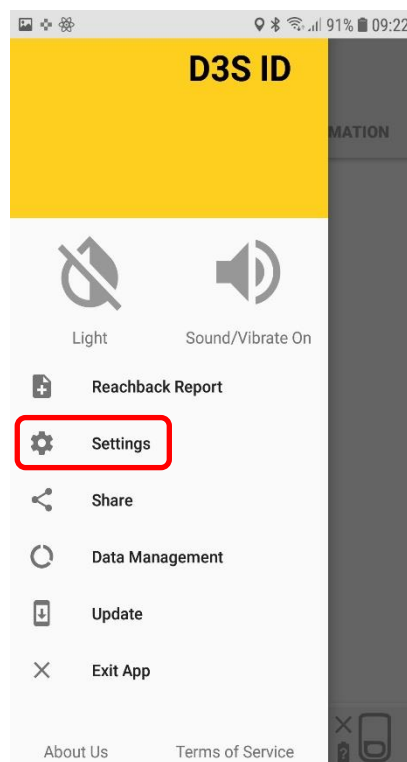
<p>13. Select Scan QR Code</p> <p>Scan the QR code obtained from Kromek.</p> <p><i>Note:</i> The QR code contains a unique license key. To request a QR code, please visit www.kromek.com/security/d3s-wearable-personal-radiation-detectors/d3s-app-update/.</p>	 <p>The screenshot shows the 'D3S ID Licensing' screen. Under the 'Licence Key' section, there are three options: 'Scan or enter licence key', 'Enter Licence Key', and 'Type Manually'. The 'Scan QR Code' option is highlighted with a red rectangular box.</p>
<p>14. Once the QR code is scanned, select Activate.</p>	 <p>The screenshot shows the 'D3S ID Licensing' screen after a QR code has been scanned. The license key '4PL6B-6WRCG-SUFKU-XILCL-TBTC2I' is displayed. The 'Activate' button is highlighted with a red rectangular box.</p>

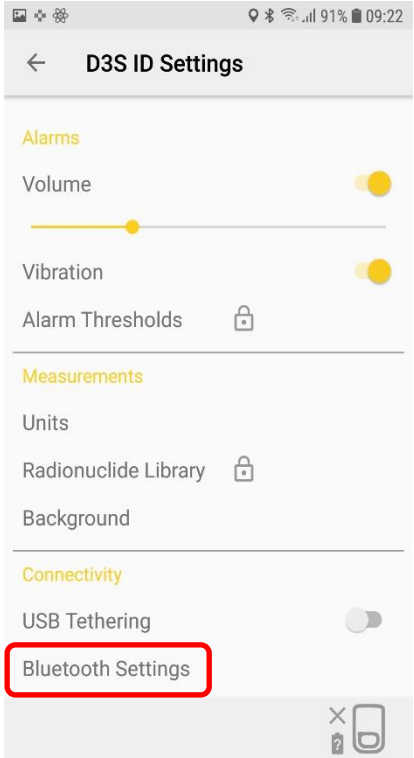
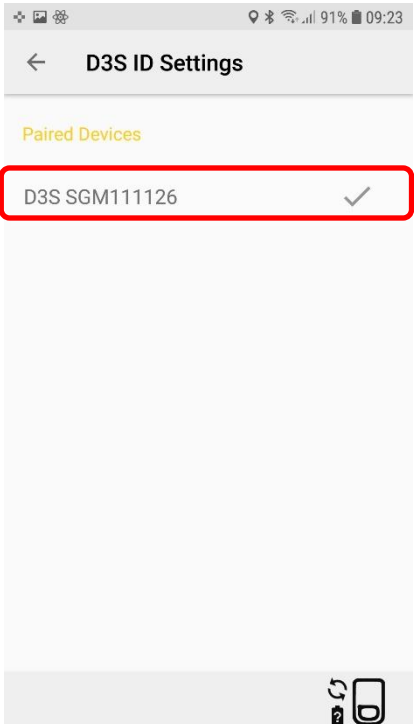
<p>15. Select OK. App will be restarted.</p>	 <p>The screenshot shows the 'D3S ID Licensing' screen. At the top, there is a 'Licence Key' section with the key '4PL6B-6WRCG-SUFKU-XILCL-TBTC2I' and an 'Activate' button. Below this is an 'Enter Licence Key' section. A white dialog box is overlaid on the screen with the text 'Licence successfully activated. App will now restart.' and a red-bordered 'OK' button.</p>
<p>16. Once the app has restarted, Bluetooth connection with the D3S detector should be restored, indicated by the tick next to the status icon as well as gamma dose rate and neutron count rate being displayed.</p> <p>The D3S ID app should now be up to date. Please jump to step 22.</p> <p>If Bluetooth connection with the D3S detector is not established, please go to the next step (step 17).</p>	 <p>The screenshot shows the main interface of the 'D3S ID' app. At the top, there is a menu icon and the title 'D3S ID'. Below the title are two tabs: 'SEARCH' and 'CONFIRMATION'. The main display area shows 'Gamma 0.01 µSv/h' and 'Neutron 0.0 n/s'. At the bottom, there is a status bar with a red-bordered icon containing a checkmark and a detector symbol.</p>

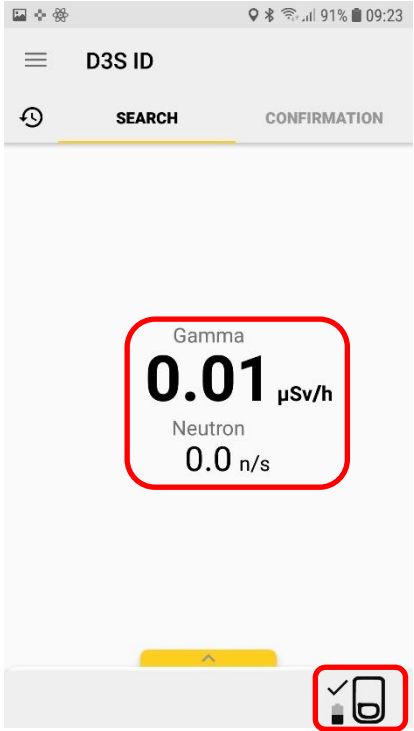
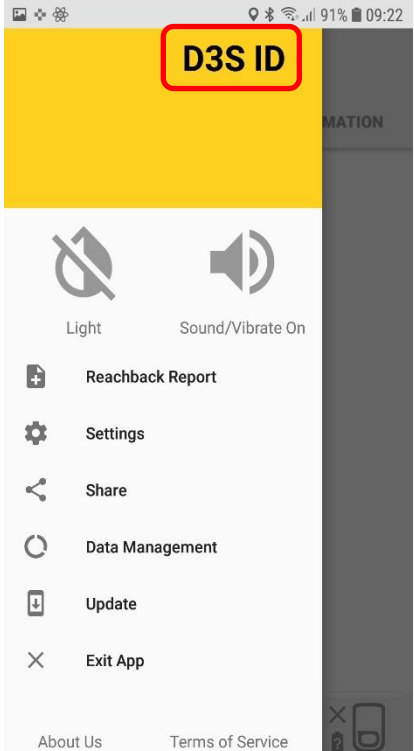
17. If the D3S is not connected, go to menu.



18. Select Settings



<p>19. Select Bluetooth Settings</p>	 <p>The screenshot shows the 'D3S ID Settings' screen. Under the 'Connectivity' section, 'Bluetooth Settings' is highlighted with a red rectangular box. Other settings like 'Alarms', 'Measurements', and 'USB Tethering' are also visible.</p>
<p>20. Ensure the correct D3S serial number is displayed. Select the D3S serial number until a tick is displayed.</p>	 <p>The screenshot shows the 'D3S ID Settings' screen, specifically the 'Paired Devices' section. The device 'D3S SGM111126' is listed and has a checkmark to its right. This entry is highlighted with a red rectangular box.</p>

<p>21. The D3S ID should now be connected, indicated by the tick next to the status icon as well as gamma dose rate and neutron count rate being displayed.</p> <p>The D3S ID app should now be up to date.</p> <p><i>Note:</i> For further Bluetooth troubleshooting, please refer to the D3S ID manual. The latest version of the manual can be downloaded from www.kromek.com/wp-content/uploads/2019/07/D3S-ID-User-Manual-A5.pdf.</p>	
<p>22. Go to Menu and select the D3S ID icon to display the app version history.</p>	

23. The latest app version is displayed at the very top.

Select OK and the D3S ID is now ready to go back into operation.

