



Please follow the steps below before you start
using your measurement device



Software Maintenance Guide

This guide contains all the required information to maintain the various software products required to operate the Seven Bel Sound Scanner.

Please use the contact information below to obtain technical support. Feel free to contact us if you have any questions:

Seven Bel GmbH
Hafenstrasse 47-51
4020 Linz, Austria

Tel.: +43 664 382 24 58
E-Mail: techsupport@seven-bel.com

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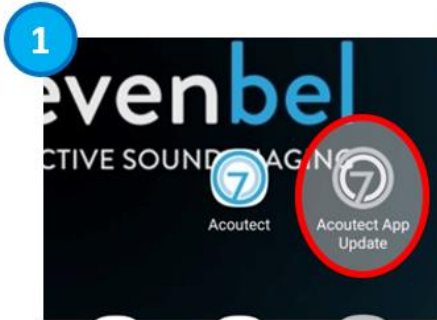
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1. Mobile App

1.1 App Update

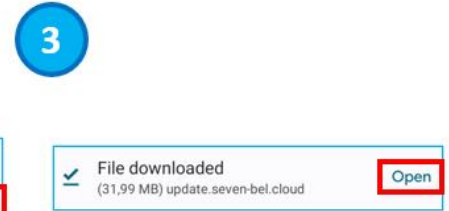
Make sure your mobile device is connected to the Internet and follow the steps below.



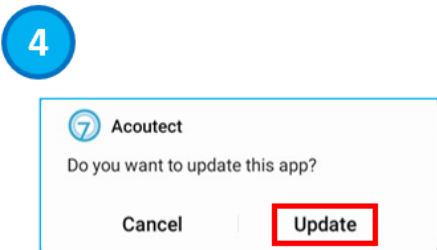
Tap on the
'Seven Bel App Update' icon.



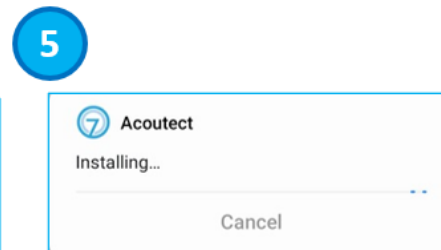
Tap on 'Download anyway'.



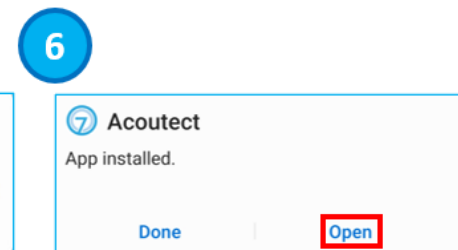
Once the download is finished, tap
on 'Open'.



Tap on 'Update'.



Wait until the installation is
finished. This may take up to
two minutes.



Tap on 'Open'.

Private Cloud Users only: Disable "Auto Reconnect" for any Internet capable WiFi network to ensure that the app connects to the "Seven Bel Private Cloud" network.

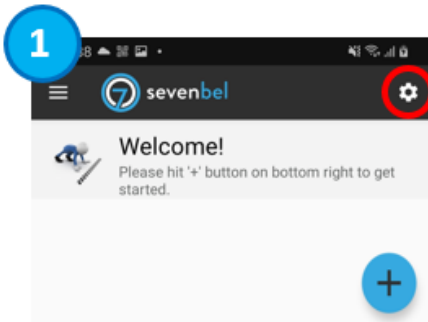


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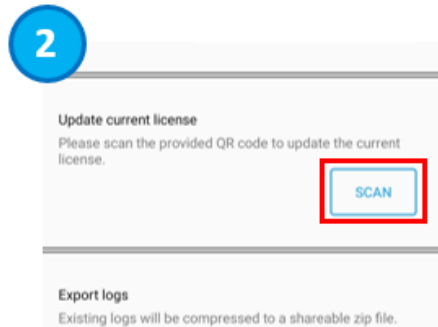
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1.2 Licence Extension

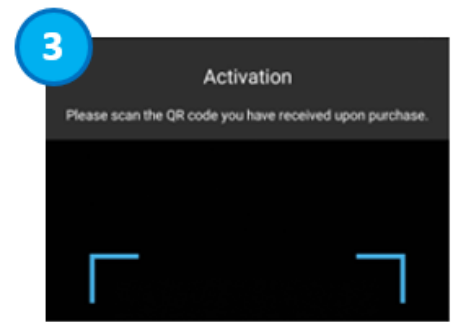
Please follow the steps below in order to renew your license:



Open the Acoutect App and tap on the Settings icon in the top right corner.



Scroll down to the 'Update current license' section and tap on 'Scan'.

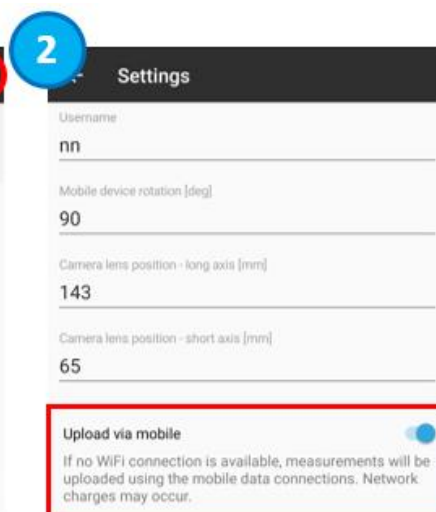
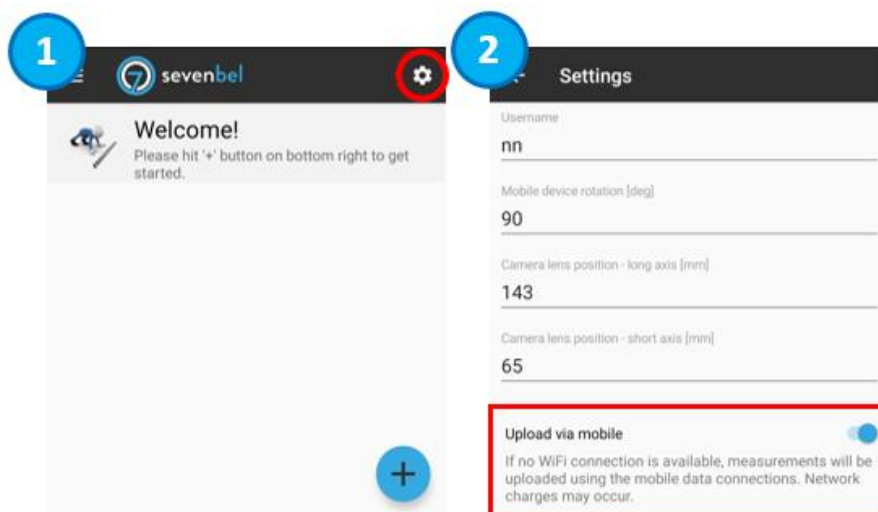


Scan the provided QR Code to update your license.

1.3 Prior to Your First Measurement

Please choose from the following possibilities of providing an internet capable connection:

1. Connect to an internet capable Wi-Fi access point at ,Settings' → ,Connections' → ,Wi-Fi'.
2. Create a mobile hotspot using your personal mobile device and connect to the mobile hotspot at ,Settings' → ,Connections' → ,Wi-Fi'.
3. Insert a SIM card into the provided mobile device and enable ,Mobile Data' at ,Settings' → ,Connections' → ,Data Usage'. Go to the Acoutect App Settings page and enable 'Upload via mobile' to grant up/download of measurement data via the mobile data connection if a Wi-Fi connection is not available.





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When connecting the mobile device to a mobile hotspot created with your personal iPhone device, please make sure that the iPhone's auto lock timeout is set to the highest possible duration to prevent disconnects during processing of measurements.

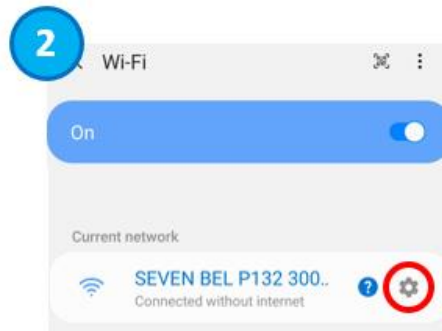


In case you are not able to process your measurements despite a working internet connection, it might be related to the firewall settings of your IT infrastructure. Please contact Seven Bel at techsupport@sevenbel.com for more information on how to resolve the issue.

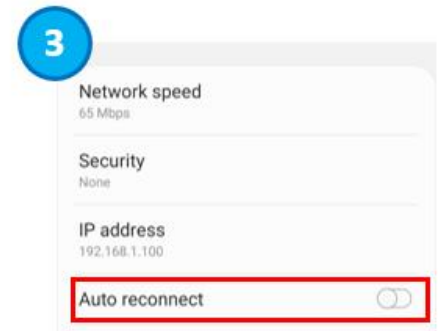
Perform Wi-Fi registration of the sensors:



Tap on 'Settings'.



Connect to the sensor and tap on the gear icon.



Disable 'Auto reconnect'.

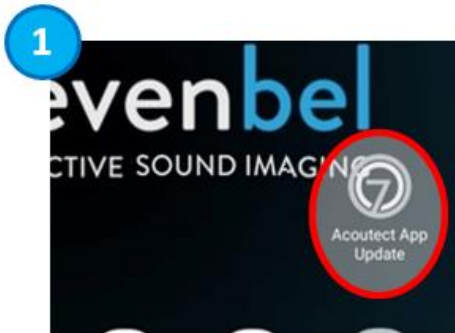


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1.4 App Installation

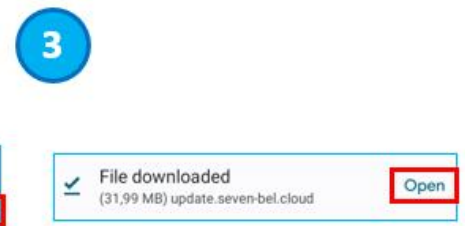
For reinstalling the Acoutect App, please follow the steps below:



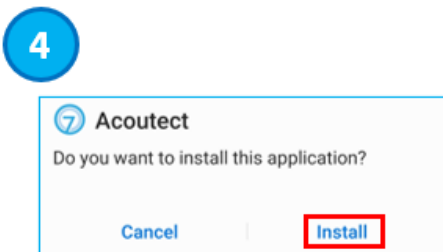
Tap on the 'Seven Bel App Update' icon.



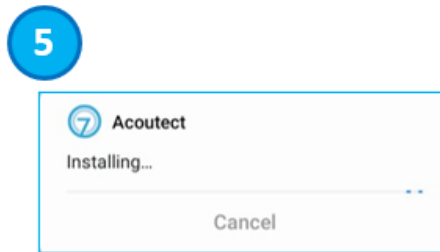
Tap on 'Download anyway'.



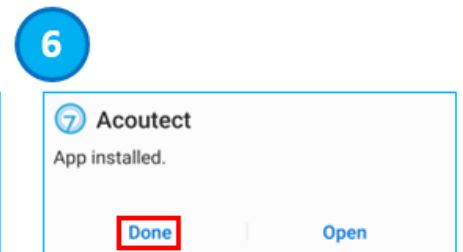
Once the download is finished, tap on 'Open'.



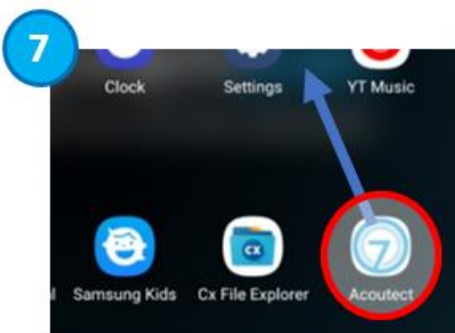
Tap on 'Install'.



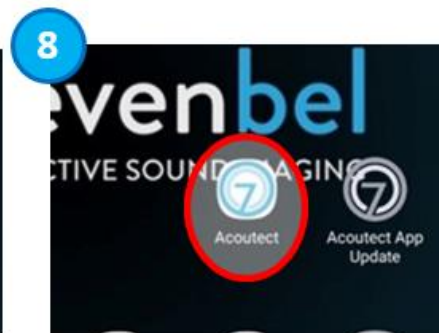
Wait until the installation is finished. This may take up to two minutes.



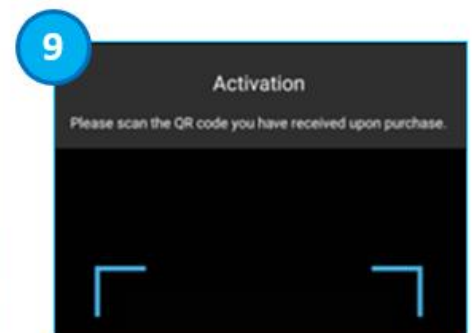
Once the download is finished, tap on 'Done'.



Move the app icon to the homescreen by making a long press and then dragging it.



Place the icon next to the Acoutect App Update icon.

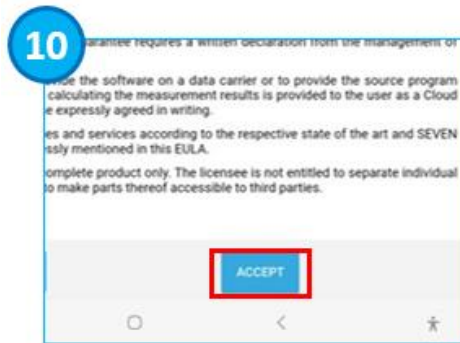


Open the app and scan the QR Code.



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Tap on 'Accept' to acknowledge the End-User-License Agreement.



Grant all app permissions.

Private Cloud Users only: Disable “Auto Reconnect” for any Internet capable WiFi network to ensure that the app connects to the “Seven Bel Private Cloud” network.



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1.5 Adding the App Update Icon

If you do not find the Acoutect App Update icon on your homescreen, please follow the steps below.

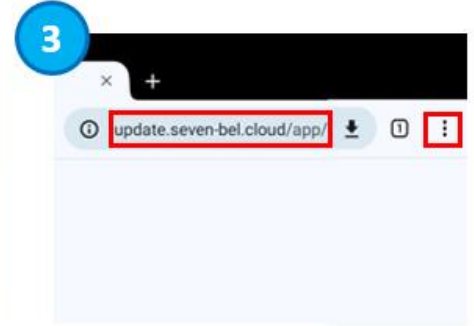
Remark: Alternatively, you can open any web browser on the mobile device and navigate to <https://dl.sevenbel.com/mobile-app> for downloading the mobile app. The download will start automatically.



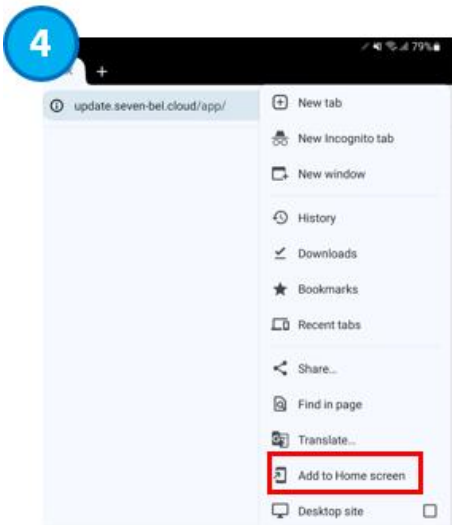
Turn off WiFi.



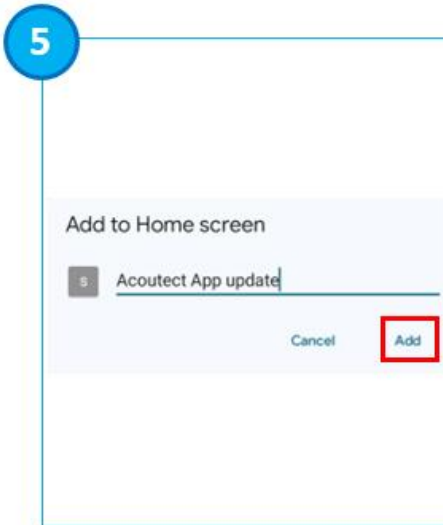
Open the Chrome browser.



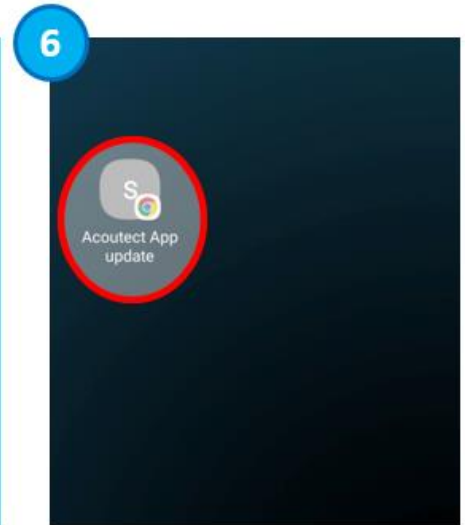
Enter <https://dl.sevenbel.com/mobile-app> and open the browser settings.



Select 'Add to Home screen'.



Enter the following name for the bookmark: "Acoutect App Update". Then tap on 'Add'.



Drag the icon to the homescreen next to the Acoutect icon. You can now turn WiFi on again.



2. Private Cloud Software

For updating the Private Cloud Software, please follow the steps below:

2.1 Configure BIOS

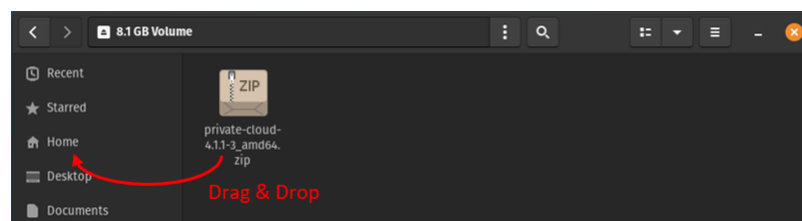
1. When powering up the laptop, press **F12** prior to the DELL logo being displayed.
2. Once the BIOS start screen is displayed, select **BIOS setup**.
3. Change the described properties in the following sections:
 - **Boot configuration: Disable** Secure Boot
 - **Storage:** Switch from RAID to **ACHI**
 - **Power:** Set Thermal Management to **Ultra Performance**
 - **Performance:** Set the amount of enabled Atom Cores to **0 (Zero)**
 - **Performance: Disable** Intel HyperThreading technology
4. Apply the changes and exit the BIOS.

2.2 Prepare for the Update

1. Save the update file which you have received through a download link by email, onto a USB stick and plug it into the USB port of your Private Cloud laptop.
NOTE: The filename of the update file is `private-cloud-w.x.y_amd64.zip` where **w.x.y** stands for the release version, e.g. 4.1.2.
2. Click on the USB icon on the bottom of the screen to explore the files on the USB stick.



3. Move the update file per drag and drop to the Home directory.



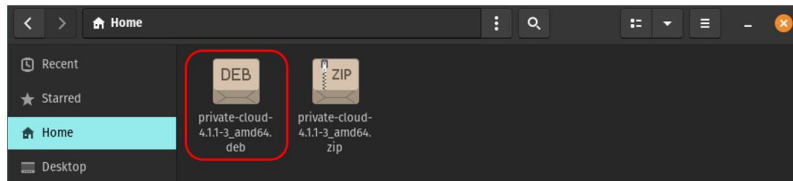
4. Click on the Home directory.
5. Move the mouse cursor over the update file and select it by clicking on it. Tap with two fingers on the mouse pad and select `extract here` from the context menu.



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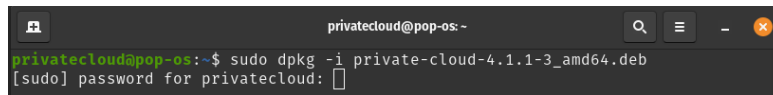


- Verify that the extracted file with the extension `.deb` appears in the Home folder.



2.3 Execute the Update

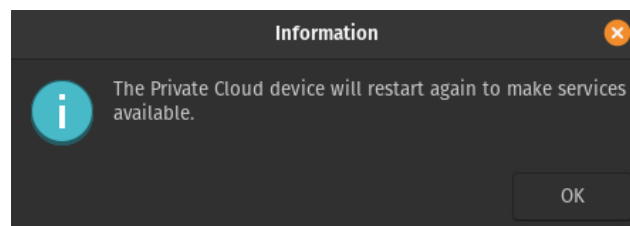
- Tap with two fingers on the mouse pad anywhere within the boundaries of the Home directory window and select `Open in Terminal` in the context menu.
- Input `sudo dpkg -i private-cloud-w.x.y_amd64.deb` at the command line.



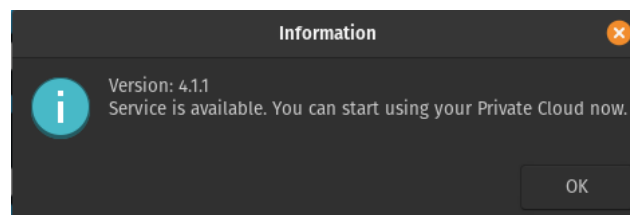
- Input the Private Cloud admin password that has been provided by email.
NOTE: The password is not displayed while typing.
- Restart the Private Cloud laptop when prompted to do so by the terminal window.



- Once the restart is finished, press `OK` to restart the Private Cloud laptop for a second time.



- Verify that the following message appears upon the second restart.





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3. Desktop App

You will be informed by email when a new version of the Acoutect Desktop is available.

The email contains a link to download the installation file. Download and run the file.

Follow the instructions provided by the installation program.

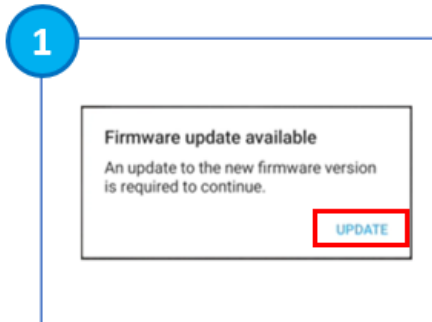


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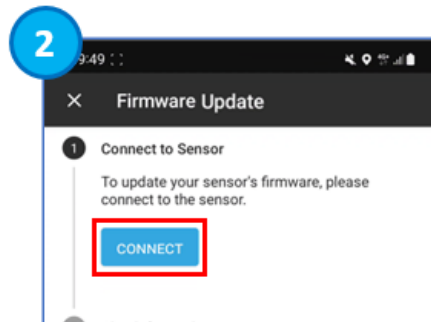
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4. Sensor Firmware

When connecting to your sensor, the Acoutect Mobile App detects whether a firmware update is available for your sensor. Make sure that all devices are sufficiently charged and carry out the firmware update as follows:



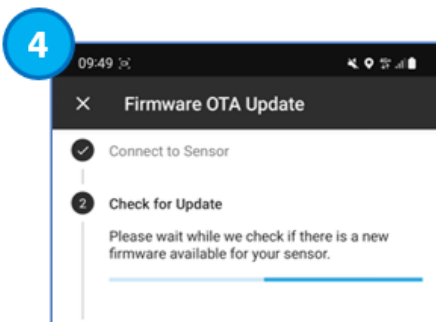
Click on 'Update'.



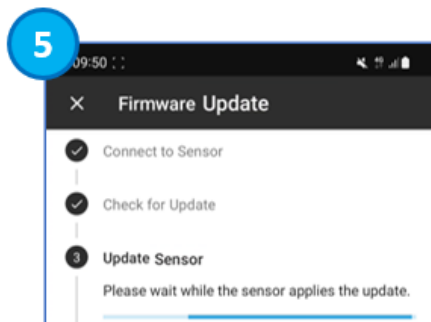
Click on 'Connect'.



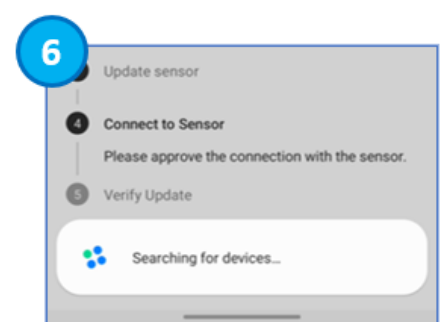
Select the sensor.



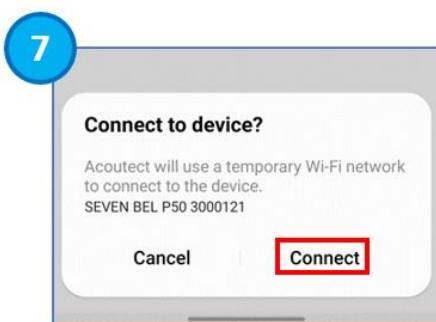
The Acoutect app checks for the availability of a new firmware version.



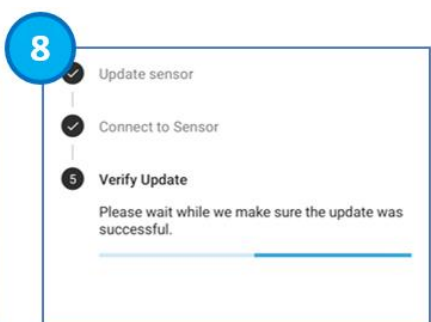
The firmware is updated automatically.



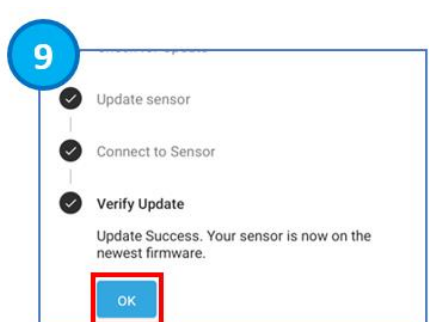
To verify the update, the Acoutect app reconnects to the sensor.



Click on 'Connect'.



The firmware is verified.



Confirm the successful update by clicking on 'Ok'.