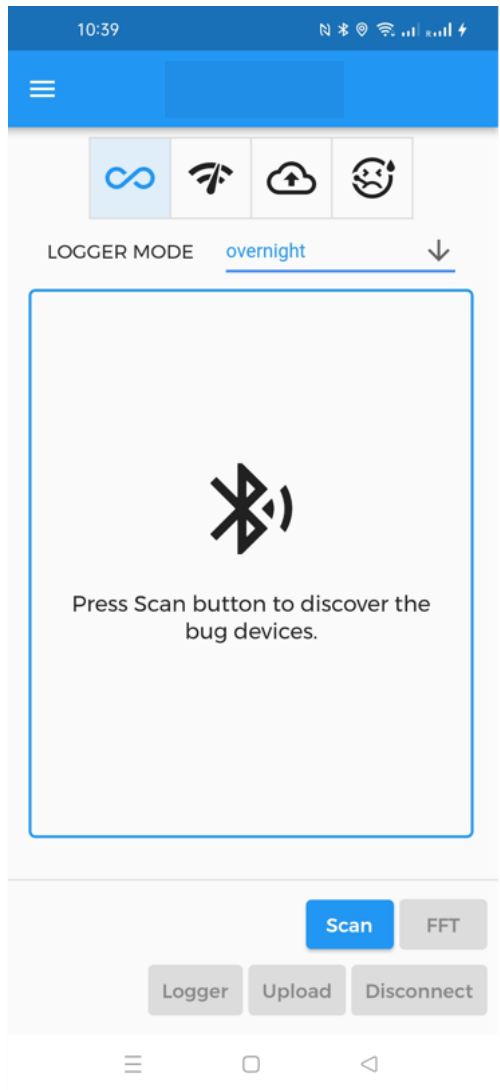


February 3, 2022

## FIDOBug app Update v1.0.0

### User overview

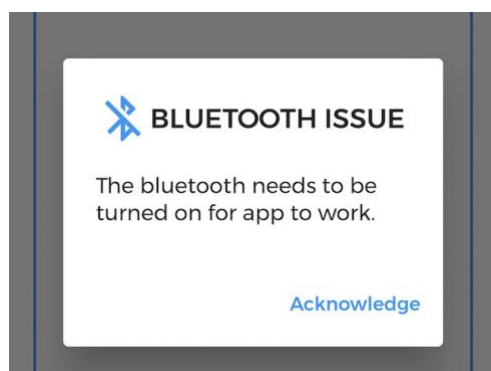
#### Home screen



The main Bug listing pane has been expanded to allow more space for listing connected Bugs


If no Bugs are listed, a new message on the screen prompts you to scan for Bugs

You can access the detail about any Bug with a single long press on its ID in the list

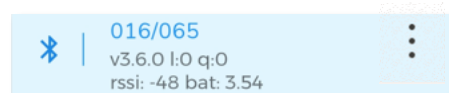


If you scan for Bugs without switching on your phone's Bluetooth, the app will now give you a prompt

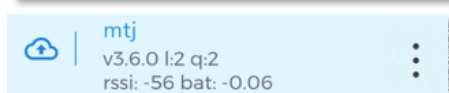
## Connecting and instructing your FIDO Bugs

You can now connect your FIDO Bugs by tapping anywhere on a Bug's ID, not just on  the symbol

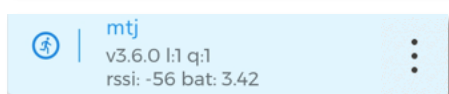
A range of new icons to the left of each Bug in your list now indicates its status



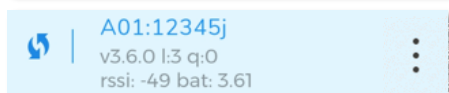
The **Bluetooth** icon is the default, indicating that the Bug is in range



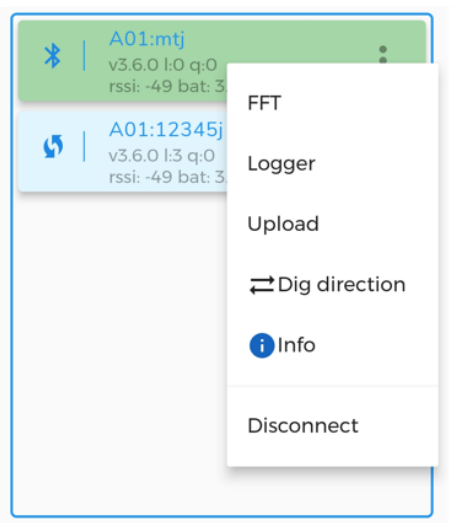
The **Cloud** icon indicates that the Bug's sampling session is complete and data is ready to be collected



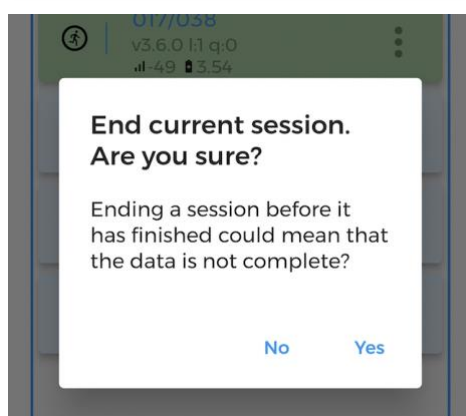
The **Running** icon indicates that the Bug is in the process of sampling data



The **Arrows** icon indicates that the Bug is set to Continuous (multi-night sampling) mode



You can also instruct any Bug in the list by tapping the three dots to its right to open a new dropdown menu

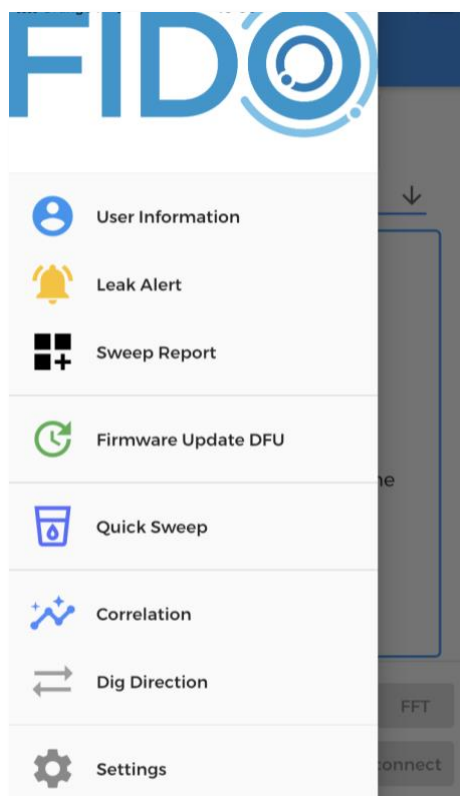


If you try to upload data before a sampling session is finished, which can result in a failed session, you will receive a prompt

What	Value
Name / Label	A01:mtj
ID / MacAddress	D3:35:CF:17:E8:49
Signal Strength	-49
Full Version	3.6.0
Needs update	😊 up-to-date
Battery	3.63
Logger	Inactive

Pressing ⓘ brings up detailed information about a Bug. You can also access this information from the list of Bugs on the *Home* screen. Just do a single long press on any Bug ID

## Main menu



The new **Dig Direction** service now appears in the *Main menu*

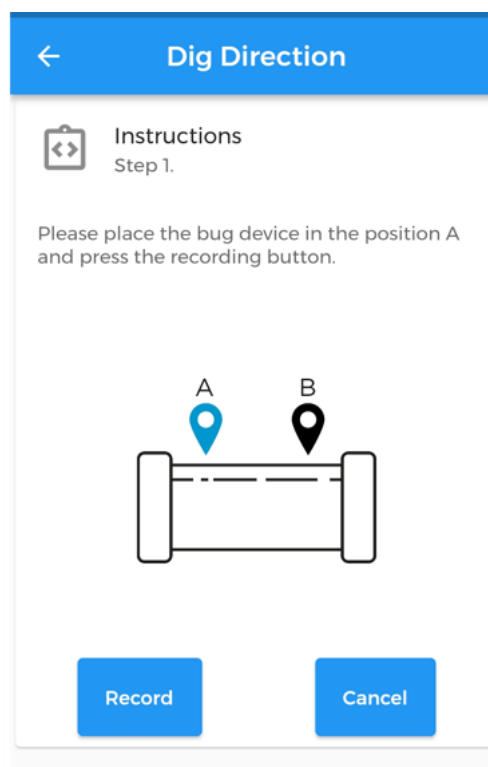
It is recommended that you ensure all your FIDO Bugs are updated to the latest embedded firmware 3.6.0 by pressing the **Firmware Update DFU** button when Bugs are in range

This will ensure you get the best results from your FIDO services.

## Dig Direction NEW service

Dig direction is a new service designed to minimise dry dig events. It enables the on-site team to determine the direction of the leak if the marked location is a dry dig

Access it from the *Main menu*, or tap the three dots to the right of any Bug ID from on the *Home screen* and find it in the dropdown menu. Then:

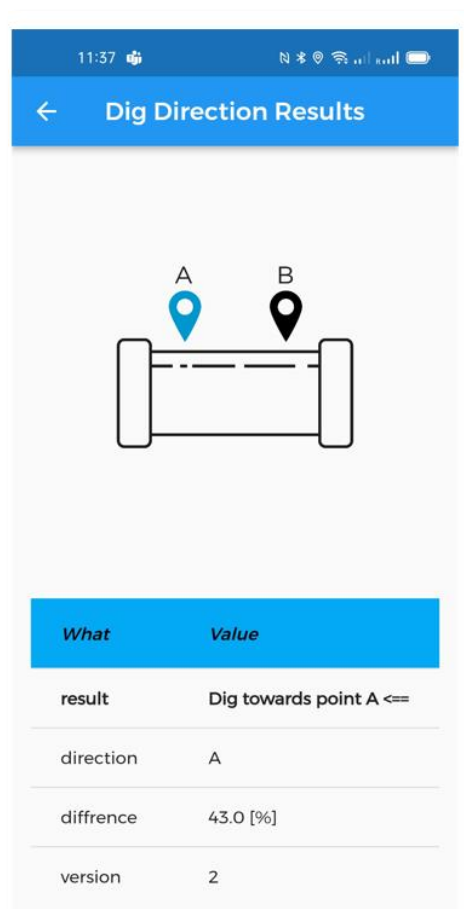


1.

Place the selected Bug on the exposed pipe at one extremity of the hole (position A) and press **Record**

When indicated, use the same Bug and place it on the same pipe at the opposite extremity of the hole (position B). Press **Record** again

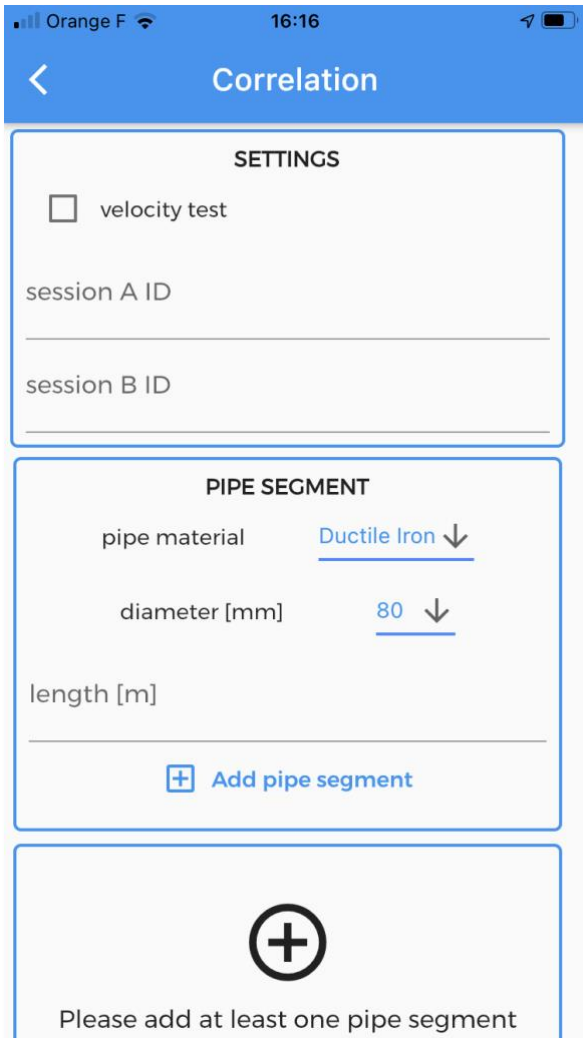
2.



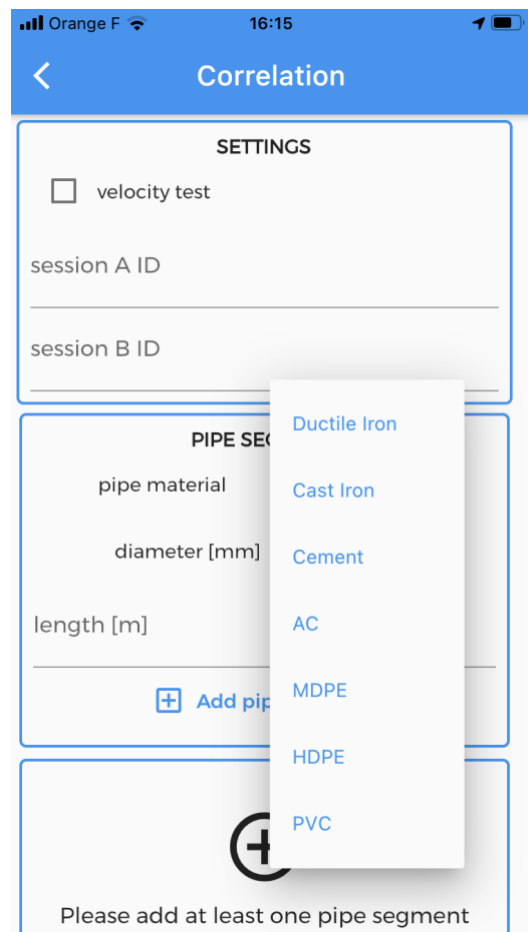
Results indicate which direction to expand the hole – towards position A or position B

## FIDO Correlation Multiple material correlation **NEW function**

This new feature allows FIDO to correlate accurately on pipes made of different materials



Now when opening up the *Correlation* service, a new screen appears offering the option of entering up to three pipe materials using drop down menus

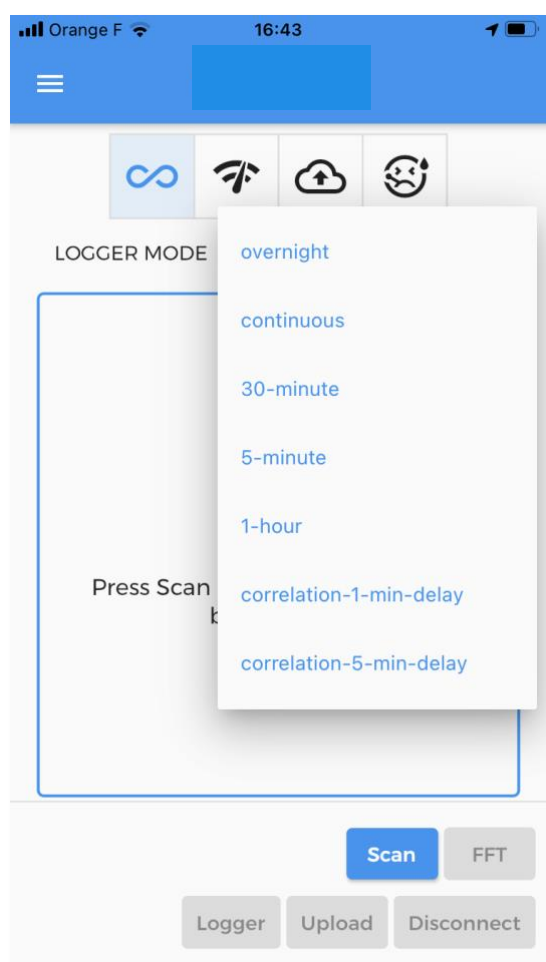


## FIDO Sweep

### Continuous (multi-night) sampling **NEW function**

Now, when using FIDO Bugs as permanent or semi-permanent sensors, you have the option of recording and saving samples from up to 14 consecutive nights before upload, using a new **Continuous** mode

With this additional data FIDO AI can identify when leaks start, allowing more accurate calculations of water loss, and also monitor leak degradation, an indication of an approaching more serious failure



Select **Continuous** from the *Logger Mode* drop down menu after connecting Bugs

Bugs will record five samples per night and retain the quietest. Once the 14-day capacity is reached each new sample stored will replace the oldest

Once the data is collected and uploaded, FIDO AI analyses the samples to look for continuous leak noise

## Other advanced features

The **Gain** and **Recording length** options have been moved from the *Home screen* into a new **Settings** feature, which is accessed from the *Main menu*