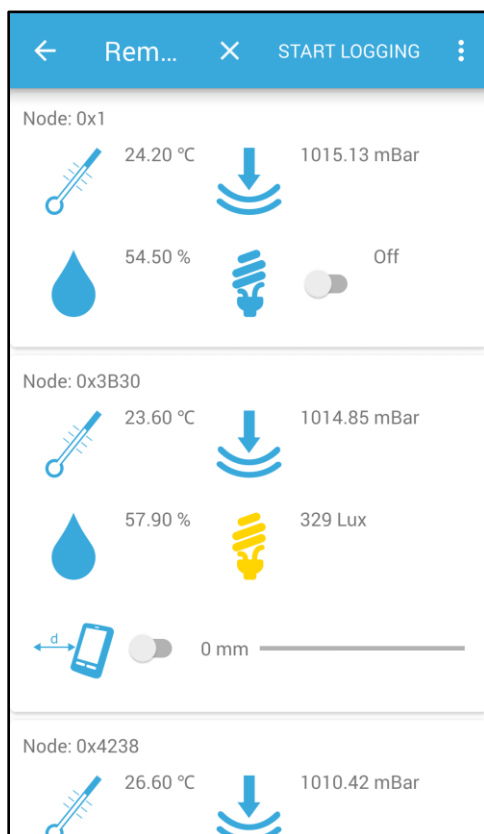


## SensNet application for Android and iOS

Data brief



### Description

The ST SensNet is an application available for Android and iOS which allows visualization of data exported by a BLE gateway connected to a network of devices, such as, for example, in the STM32 ODE FP-NET-BLESTAR1 function pack deployment scenario.

The app connects to a star network master node and displays data sent by the slave nodes.

For each slave node in the network, the app shows a set of sensor data (e.g., temperature, pressure and humidity) measured by the slave and read by the master node.

For each node the user LED status is also displayed. From the app it is also possible to change the LED status, since the related command is forwarded to the correct node by the master node.

All data received by the app can be logged in CSV files and exported by e-mail.

### Features

- Available on Android and iOS app stores
- Possible connection to a star topology BLE network
- Data visualization from remote sensors
- Possible command transmission to a remote node (e.g., to change LED status)
- Based on BlueST-SDK
- Data logging support

## References

**Table 1: SensNet references**

Order code	Description
BlueST-SDK-Ipa	BlueST SDK library iOS version which allows easy access to the data exported by a Bluetooth low energy (BLE) device implementing the BlueST protocol
BlueST-SDK-Aar	BlueST SDK library Android version which allows an easy access to the data exported by a Bluetooth Low Energy (BLE) device implementing the BlueST protocol
SensNet-iOS	iOS demo application compatible with BlueST SDK for FP-NET-BLESTAR1 function pack for STM32Cube
SensNet-Android	Android demo application compatible with BlueST SDK for FP-NET-BLESTAR1 function pack for STM32Cube
FP-NET-BLESTAR1	STM32 ODE function pack providing application-layer bridge between a Bluetooth LE network and a Wi-Fi network

## Revision history

**Table 2: Document revision history**

Date	Version	Changes
21-Nov-2016	1	Initial release
30-May-2017	2	Updated all content to reflect version 2.0 of the application.

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