

mSafety Bluetooth LE API

Background

mSafety provides a general purpose BLE API supporting on the GAP and GATT profiles.

Using mSafety SDK it is possible to interface any external device with BLE based communication. It is up to the application, developed using the SDK, to define the style of communication and how it is being managed.

The mSafety team will cooperate with device vendors to include their devices. This is possible if the device vendors allow the mSafety SDK to include their specific BLE API as part of the SDK. These vendors and devices are listed in this document.

Vendor list - Implemented

Vendor	Device	Version	Details
ForaCare	FORA Diamond DM30 Mini Blood Glucose Monitoring System		https://www.foracare.ch/
	FORA 6 Connect Multi-functional Monitoring System		https://www.foracare.ch/
	FORA Scale 550	Model No. W550	https://www.foracare.ch/
	FORA Blood Pressure Monitoring System	Model No. P30 plus BT	https://www.foracare.ch/
	FORA Diamond CUFF BP Monitoring System	Model No. P80, TI Bluetooth V4	https://www.foracare.ch/
	FORA Fingertip Pulse Oximeter	Model No. TD-8255, Black, BT V4	https://www.foracare.ch/
	FORA Ear Thermometer	Mode No. IR20b V4 IR20 Professional	https://www.foracare.ch/
	FORA FocusTemp Forehead Thermometer	Model no.: IR42b	https://www.foracare.ch/
Omron	Blood Pressure Monitor	MIT5s connect	https://www.omronconnect.com
Nonin	Pulse Oximeter	3230 Bluetooth Smart/nonin 3231 USB	https://www.nonin.com/

Vendor list - Planned

Vendor	Device	Version	Details
Celsius	Wearable temperature monitor		https://www.celsius.com/products/celsius-body-temperature-monitoring
Ascensia	BGM CONTOUR®NEXT		https://www.ascensiadiabetes.com/
	BGM CONTOUR®NEXT		
AliveCor	ECG KardiaMobile		https://shop.de.alivecor.com/products/kardiamobile
	ECG KardiaMobile 6L		https://shop.de.alivecor.com/products/kardiamobile6l
NN	Continuous Glucose Monitoring		
Cardiocomm	ECG The Heart Check™ CardiBeat		https://www.theheartcheck.com/cardibeat/index.html
Prevayl	Smartwear ECG		https://www.prevayl.com/
IDUN Technologies	Sleep		https://iduntechnologies.com/sleep/