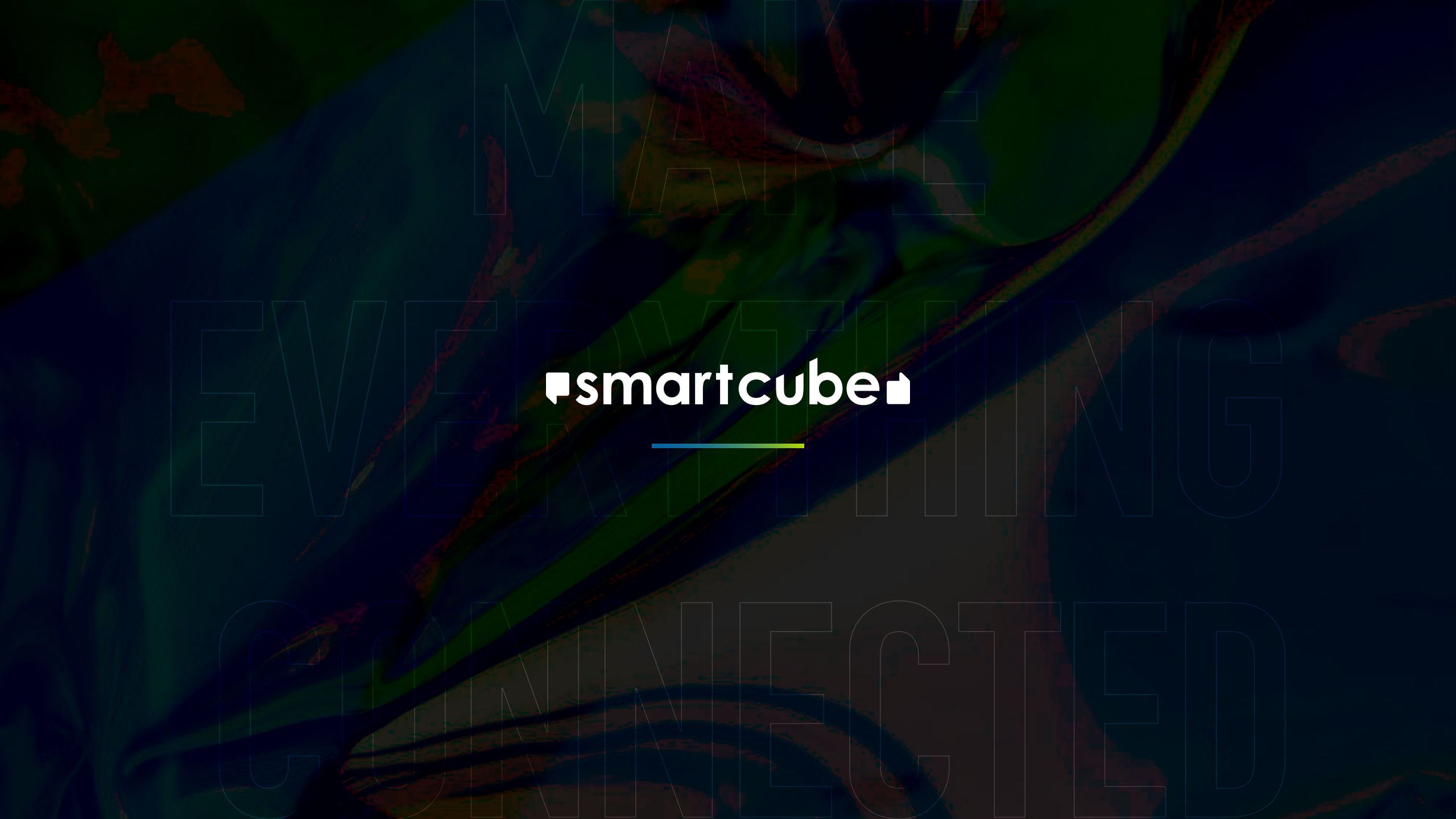
smartcube
MAKE
EVERYTHING
CONNECTED

ABOUT SMARTCUBE

Founded in 2014. A high-tech Internet company with independent IP rights, specializing in the R&D of Bluetooth connection technology, motion sensing technology, power consumption technology.

We Have a number of technical patents, which are industry leading standards.

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ABOUT US

Mainly focus on the development of IOT related hardware and software technologies, including cloud services, big data analysis and front-end apps to improve the functionality and value of products.

Because of using smartcube inside solutions, products will have life, creating interaction between brands and users, which is a revolutionary innovation of new marketing mode by using IOT technology.

dialog SEMICONDUCTOR

SMART IOT SOLUTIONS

Smartcube using IOT chip module, app and cloud service to connect products and customers, which reconstruct a data- driven sales and business model.

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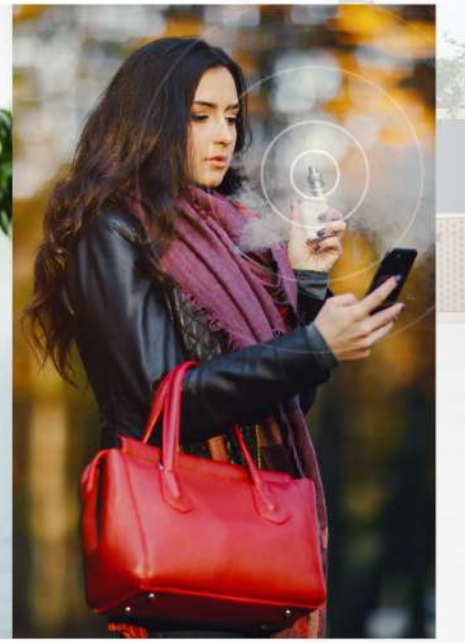
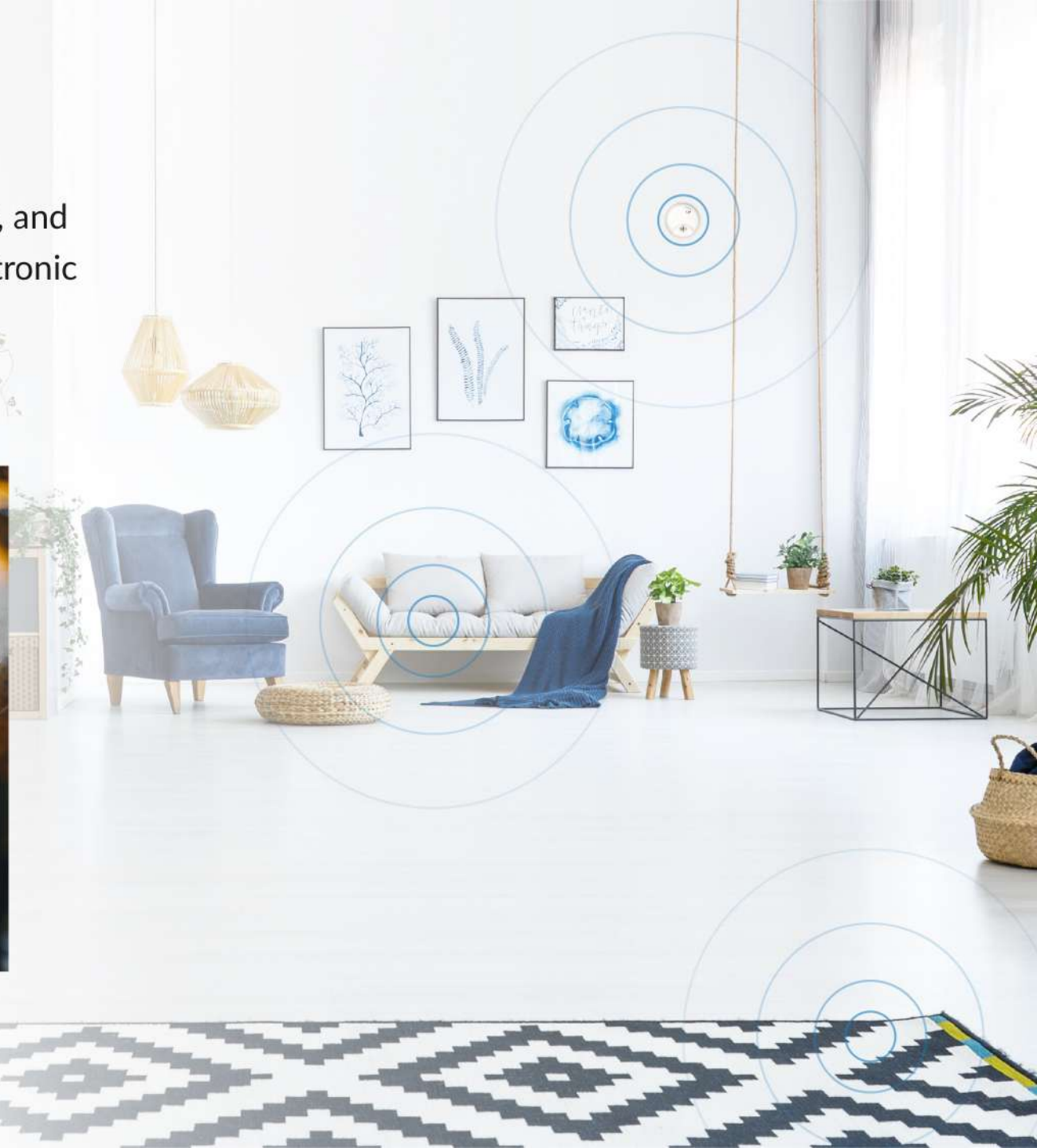
Smartcube currently offers tracking solutions in shoes, pets, and luggage. Environmental index detection solutions, and Electronic cigarette solutions. Smartcube is a comprehensive solution provider based on IOT and cloud service technologies.





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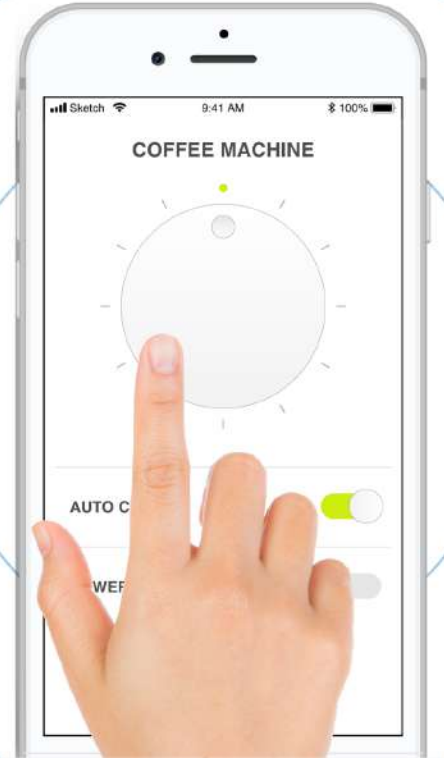
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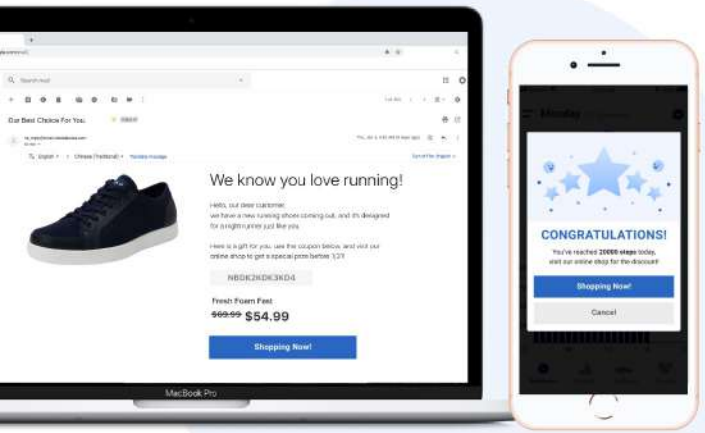
SMART CUBE SYSTEM

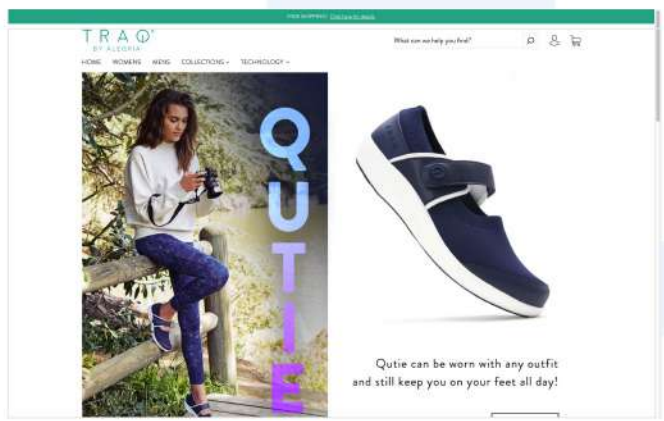
SYSTEM BACKEND DATA

NOTIFICATION & PROMOTION



VHOES & APP

ONLINE SHOP



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PROJECT

smartcube × TRAQ® BY ALEGRIA

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Connect Your Digital Life to TRAQ Smart Shoes.

Traq is an app connecting to your shoes and shows daily activity data including steps, distance and calories. It also offers a achievement system to encourage user using this app, get more badges or even a sale discount by reaching the achievements.

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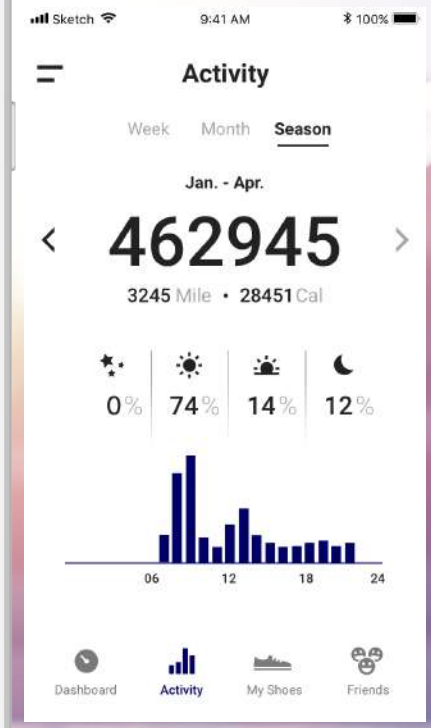
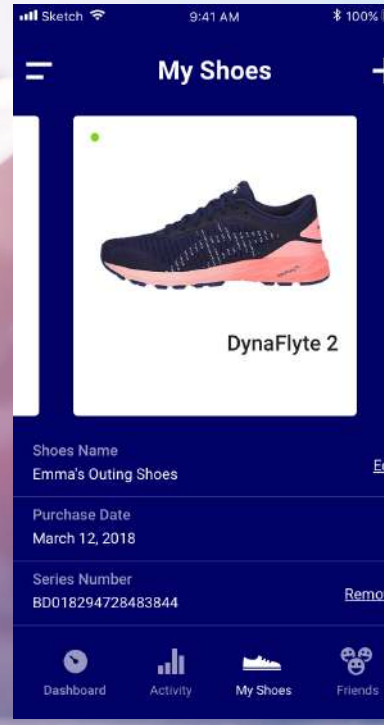
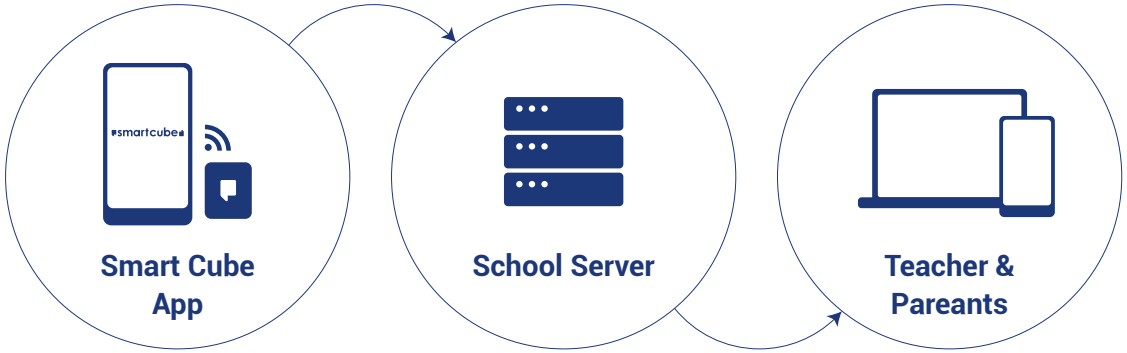
TRAINING & SPORT





KIDS & SECURITY



01 Exercise Management

Record & check steps data in real time.

Personal activity management

Track shoes usage status.

02 Smart School

Student's indoor / outdoor activity management.

Get student's location easily in outdoor activity.

Instant message.

Activity data report.

IMS

ID E-Badge & Band

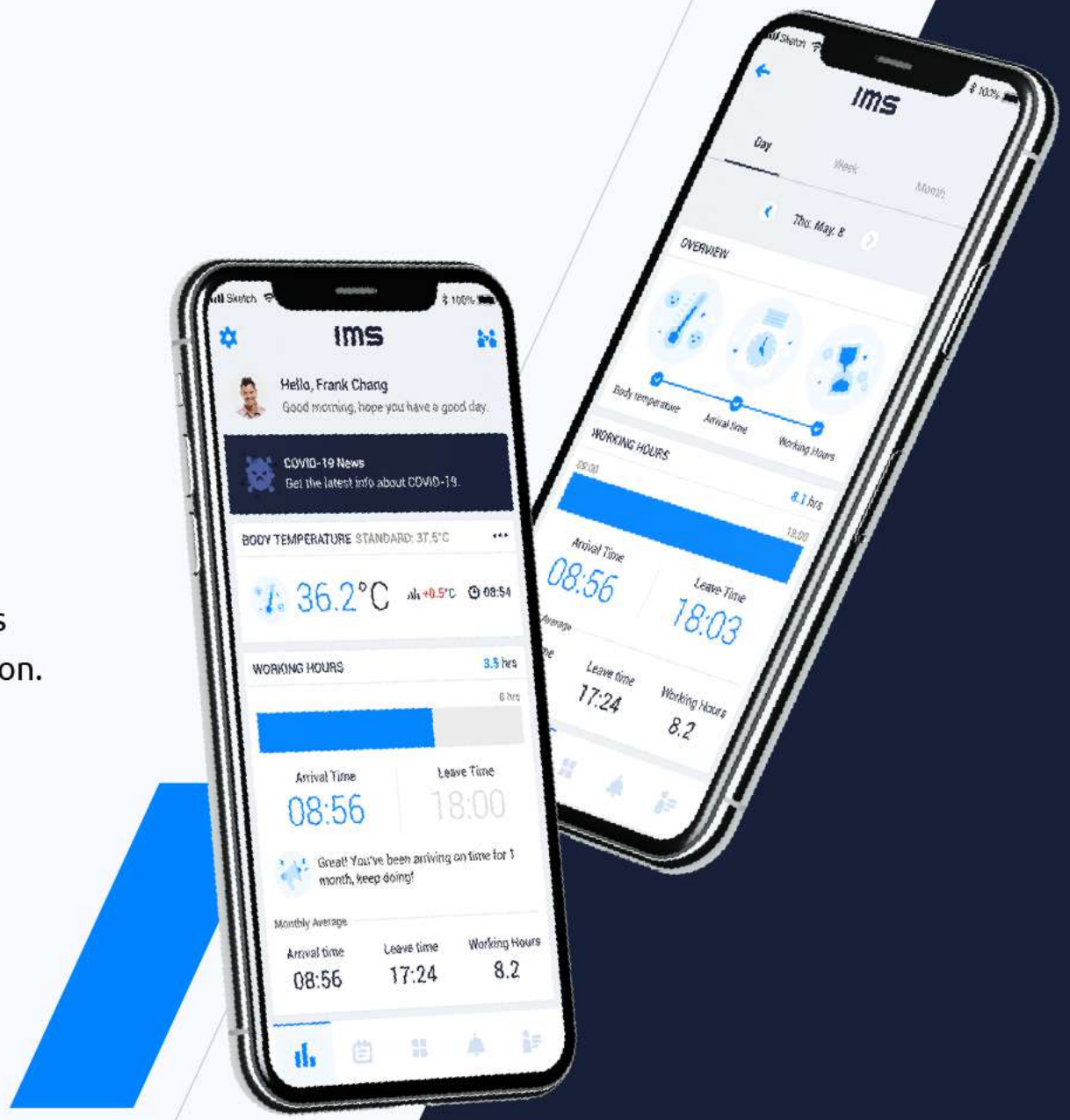
Power supply	CR2032
Size	27 X 21 X 7 mm
Weight	8 g
Operating Temperature	0°C to 60°C
Storage Temperature	-25°C to 65°C
Bluetooth Chipset / Type	Bluetooth 5.1 Low Energy
Bluetooth Sensitivity	-97 dBm
Bluetooth Max Power Output	5 dBm
Bluetooth Antenna	PCB antenna
iBeacon Effective Range	Over 60 meters
Bluetooth Frequency	2,402 - 2,480 MHz
Bluetooth Security	AES
Power Consumption - Sleep	1.49 μA
Operating Supply Voltage	2V~3.6V
Certification	FCC / CE / NCC
Environmental Resistance	IP 67

Beacon -

Embaed CR2032 battery, no need to charge small volume and light weight, provide standard iBeacon broadcast and positioning feature.
Can be paired with ID badge and band.

IMS App

IMS offers an app for staffs to see their daily activity and personal physical data. It's also help them to get the latest news from the company by instantly notification.



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i Sensor 3

利用三軸感測器檢測作動數據，亦可結合app統整、呈現相關數據。
使用 CR2032 電池，無須充電。體積小、重量輕。
另可與Beacon設備相互搭配應用。

Power supply	CR2032
Size	27 X 21 X 7 mm
Weight	8 g
Operating Temperature	0°C to 60°C
Storage Temperature	-25°C to 65°C
Bluetooth Chipset / Type	Bluetooth 5.1 Low Energy
Bluetooth Sensitivity	-97 dBm
Bluetooth Max Power Output	5 dBm
Bluetooth Antenna	PCB antenna
iBeacon Effective Range	Over 60 meters
Bluetooth Frequency	2,402 - 2,480 MHz
Bluetooth Security	AES
Power Consumption - Sleep	1.49 μA
Operating Supply Voltage	2V~3.6V
Certification	FCC / CE / NCC
Environmental Resistance	IP 67

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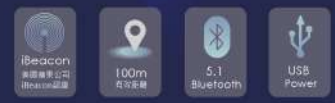
i Sensor 9

藉由 USB 供電座供應電源，無須電池。
可偵測動作、方位及軌跡，以提供高精度的運動檢測。
針對體感偵測類型之應用效果佳。



Power supply	USB
Size	35 x 14 x 13 mm
Weight	10 g
Operating Temperature	0°C to 70°C
Storage Temperature	-25°C to 85°C
Bluetooth Chipset / Type	Bluetooth 5.1 Low Energy
Bluetooth Sensitivity	-97 dBm
Bluetooth Max Power Output	6 dBm
Bluetooth Antenna	Chip antenna
iBeacon Effective Range	Over 60 meters
Bluetooth Frequency	2,402 - 2,480 MHz
Bluetooth Security	AES
Power Consumption - RX	2.2mA RX Active Mode
Power Consumption - TX	3.5mA TX Active Mode
Power Consumption - Sleep	0.9 μA
Operating Supply Voltage	2V~3.6V
Operational Life Running	iBeacon Mode Forever
Power Output (Range)	6 dBm~ -18 dBm
Certification	NCC / FCC / CE
CPU	Cortex M33

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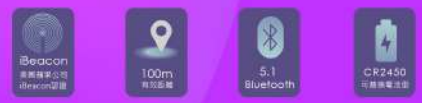
iBeacon C

可替換電池型Beacon，使用 CR2450 電池供電。
適用大範圍室內外使用，易固定於牆面。
提供符合 iBeacon 協定的推播與報位功能。
並具備按鈕、蜂鳴器、狀態燈號等。



Power supply	CR2450
Size	27 X 21 X 10 mm
Weight	20 g
Operating Temperature	0°C to 60°C
Storage Temperature	-25°C to 65°C
Bluetooth Chipset / Type	Bluetooth 5.1 Low Energy
Bluetooth Sensitivity	-97 dBm
Bluetooth Max Power Output	5 dBm
Bluetooth Antenna	PCB antenna
iBeacon Effective Range	Over 60 meters
Bluetooth Frequency	2,402 - 2,480 MHz
Bluetooth Security	AES
Power Consumption - Sleep	1.49 μA
Operating Supply Voltage	2V~3.6V
Certification	FCC / CE / NCC
Environmental Resistance	IP 67
LED	Bi-color (Blue & Red)

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iBeacon S

輕巧便攜的Beacon，
使用 CR2032 電池，無須充電。體積小、重量輕。
提供符合 iBeacon 協定的推播與報位功能。
可搭配手環或是識別證配戴，用於追蹤人員安全。

Power supply	CR2032
Size	27 X 21 X 7 mm
Weight	8 g
Operating Temperature	0°C to 60°C
Storage Temperature	-25°C to 65°C
Bluetooth Chipset / Type	Bluetooth 5.1 Low Energy
Bluetooth Sensitivity	-97 dBm
Bluetooth Max Power Output	5 dBm
Bluetooth Antenna	PCB antenna
iBeacon Effective Range	Over 60 meters
Bluetooth Frequency	2,402 - 2,480 MHz
Bluetooth Security	AES
Power Consumption - Sleep	1.49 μA
Operating Supply Voltage	2V~3.6V
Certification	FCC / CE / NCC
Environmental Resistance	IP 67

WORK WITH US!

contact@smt.com