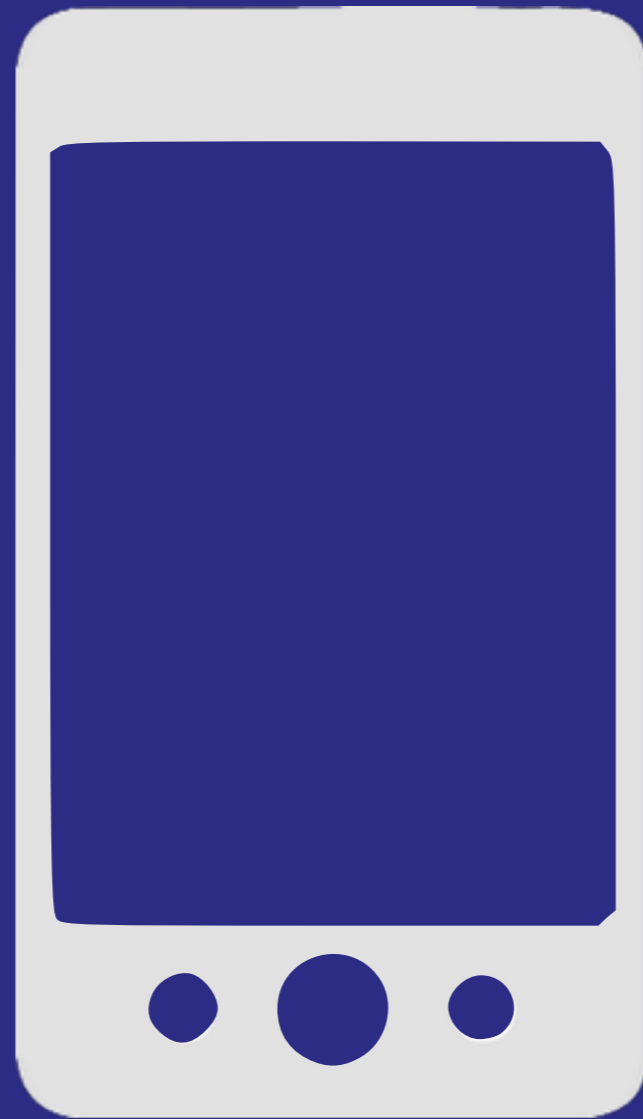# estimote

Łódź wiOSłuje

Internet of Things

Smartphones

3D Printing

Hardware prototyping

OR

Context Information

Smart phones - Are they smart?

They can connect to the server on the other side of the world, but they have no idea you are in the kitchen.

How it is solved now? Too much friction!
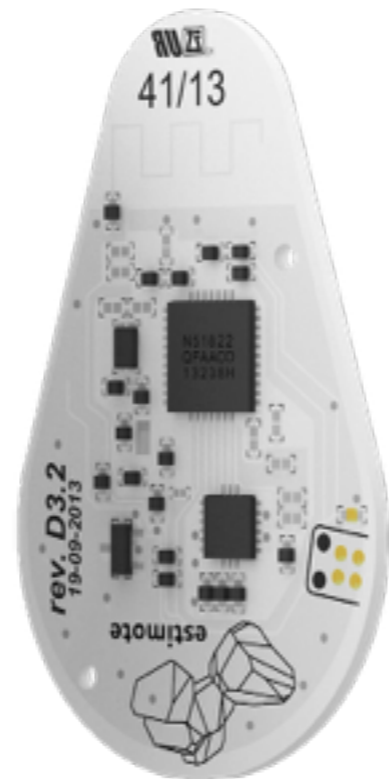
Solution = wireless beacons

Our iBeacon-compatible mote

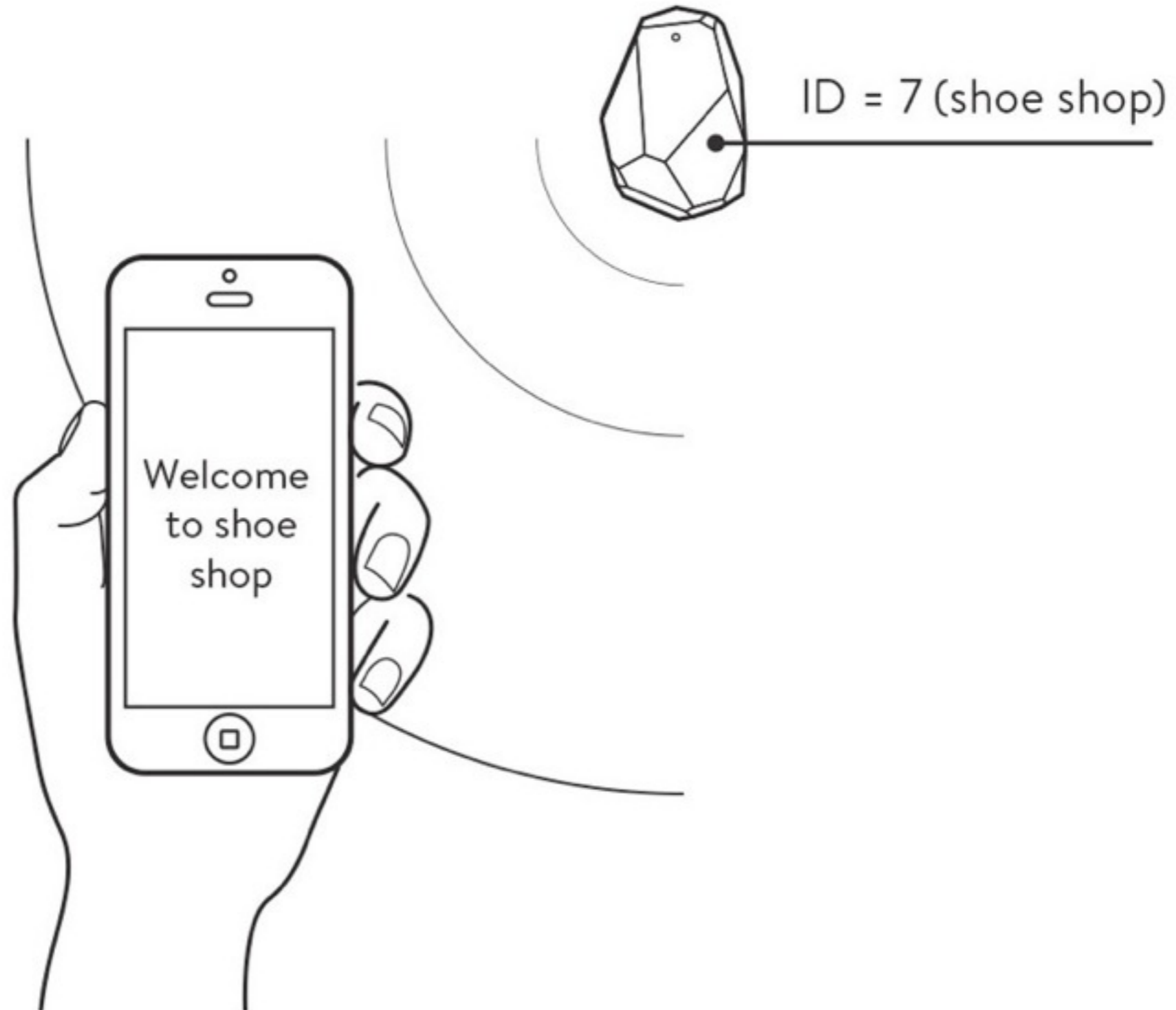waterproofed
silicon case

2+ years battery

Bluetooth Low Energy
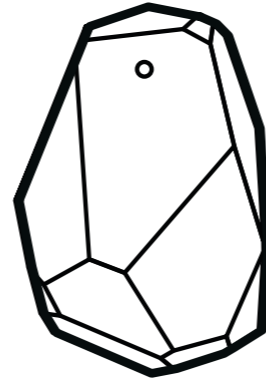
Accelerometer

Motion Sensor

Gecko - sticky
nanomaterial

Apple iBeacon standard

How it works?

ID = 7 (shoe shop)

Welcome
to shoe
shop

iBeacon identification

Sample ID:

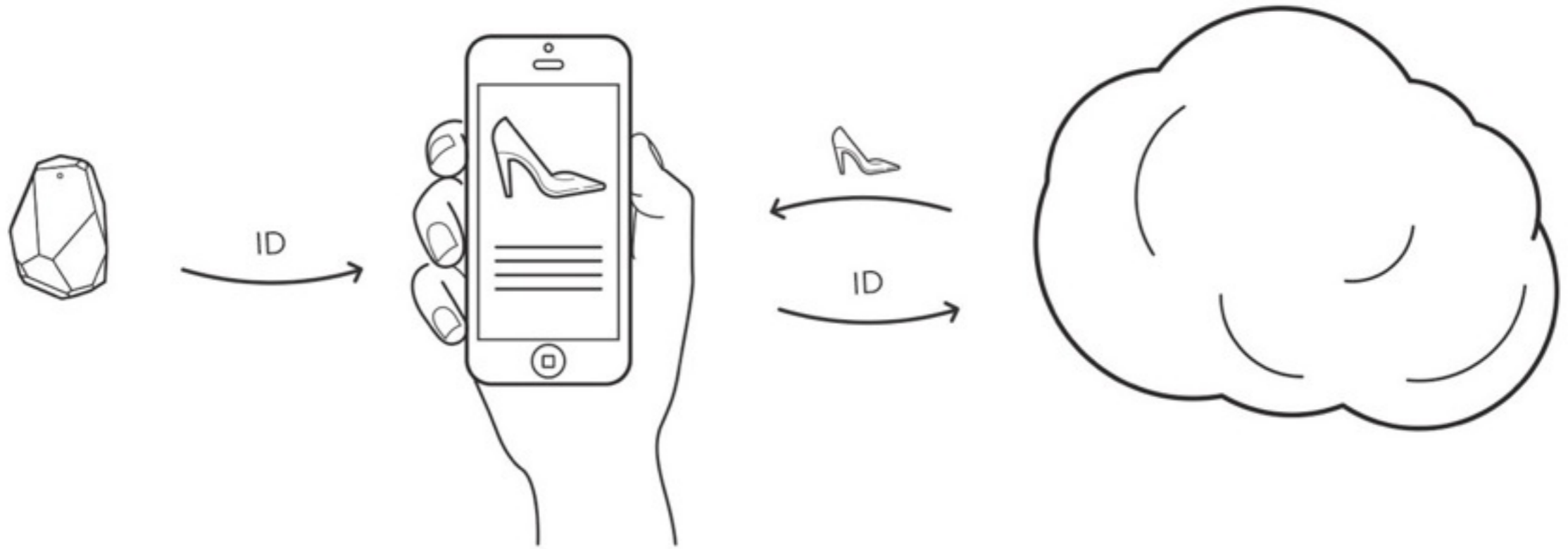B9407F30-F5F8-466E-AFF9-25556B57FE6D
12223 132
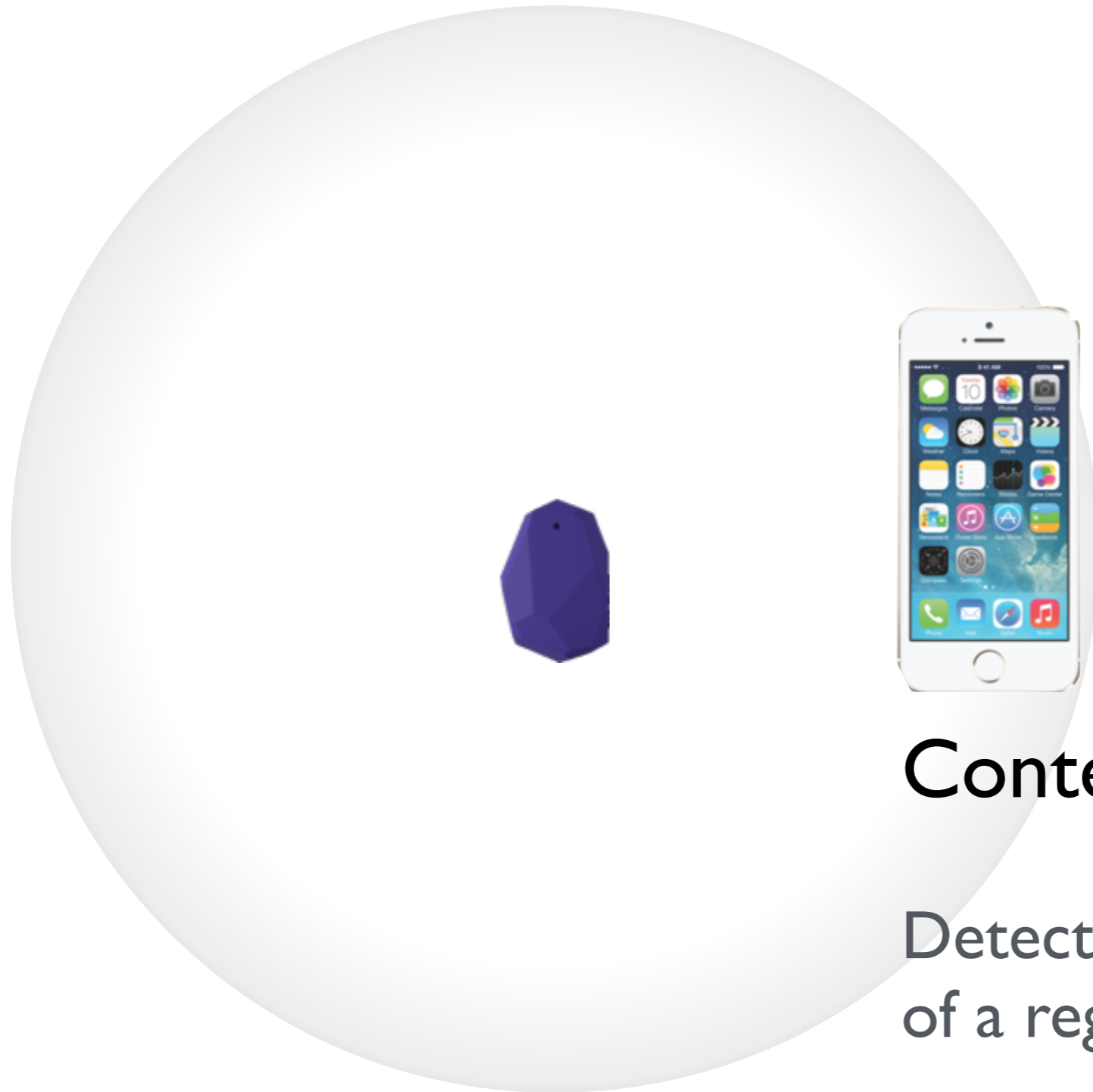
Proximity UUID: 128-bit unique identifier
Major: 16-bit unsigned integer
Minor: 16-bit unsigned integer

Estimote platform

Region monitoring

Context Geofencing

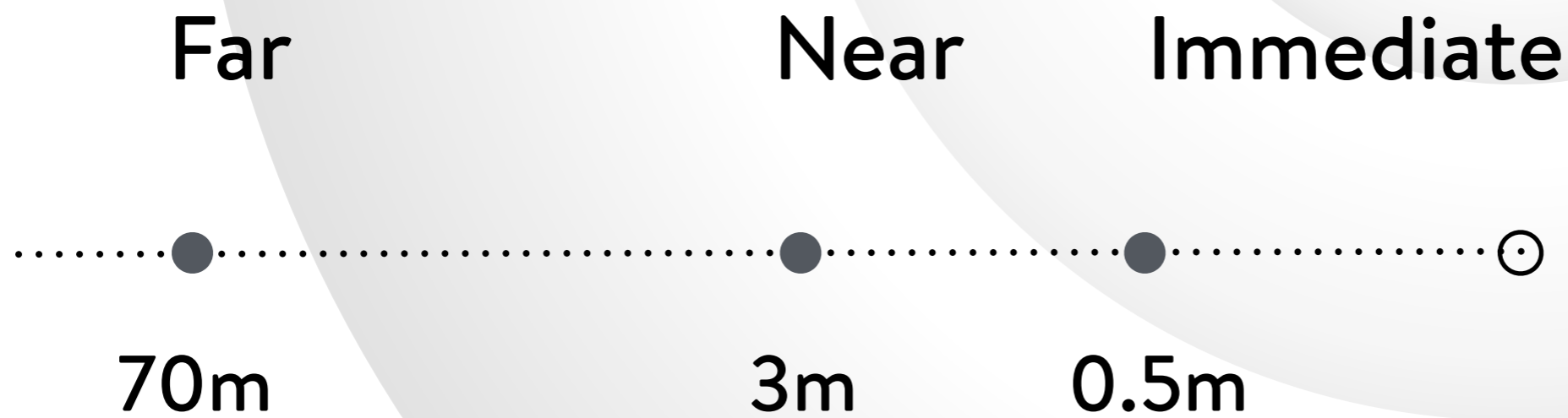Detect move into or out of a region

Region ranging

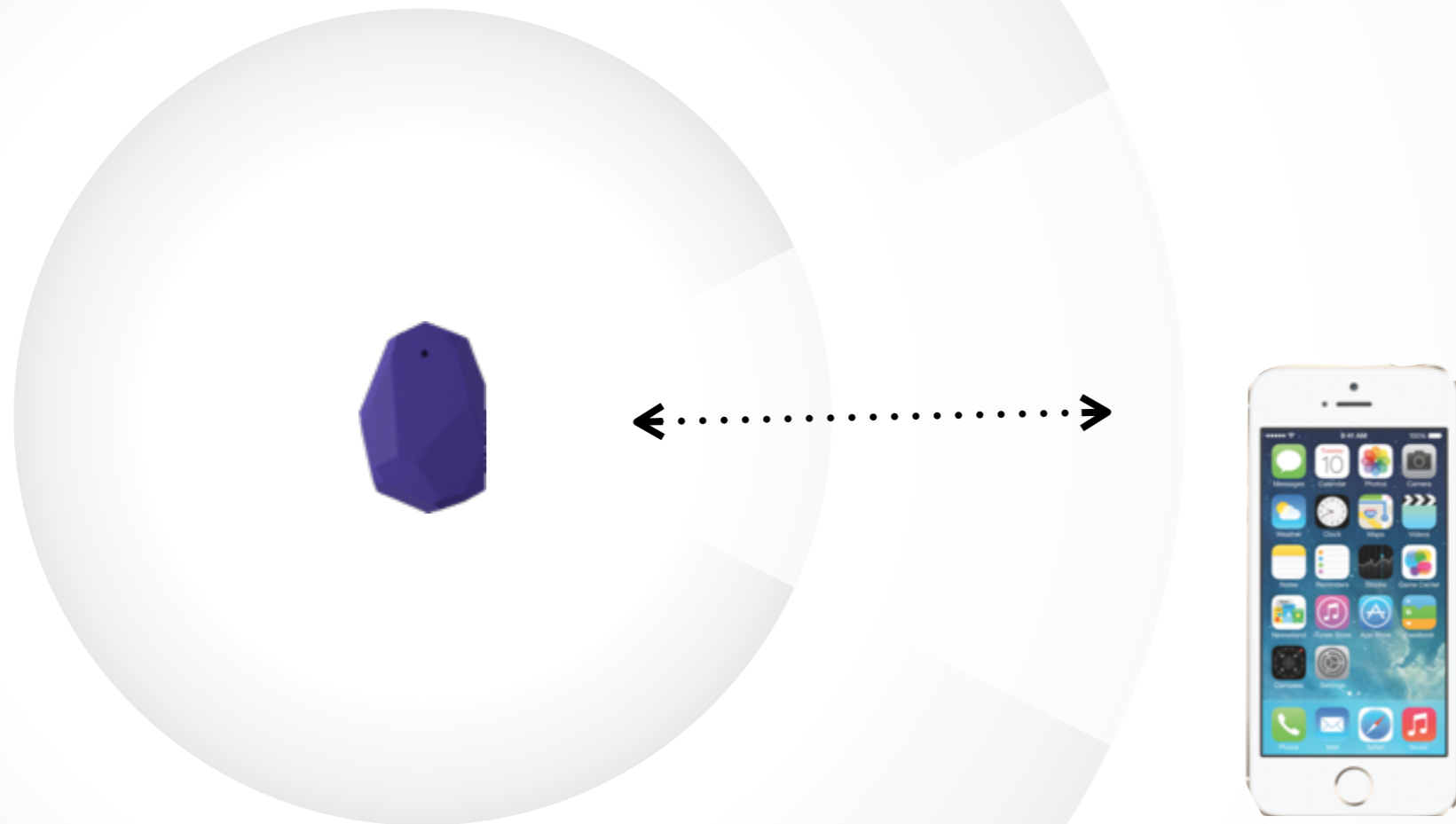## Context Details

Gives information about distance and proximity zone of all beacons in region
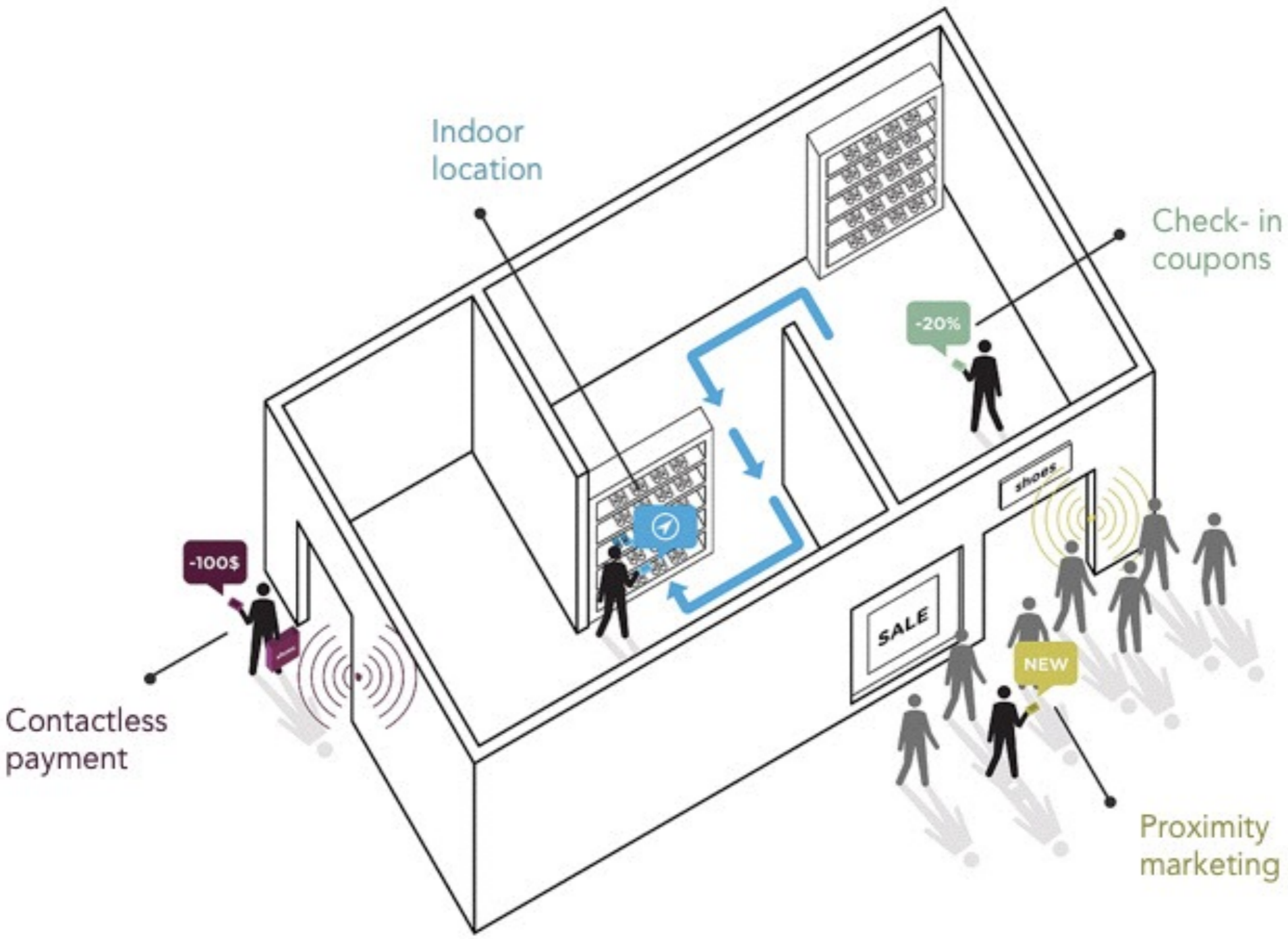
Proximity zones

Far   Near   Immediate

70m   3m   0.5m

Accuracy and signal attenuation

Affected by physical objects
(human body too)

Use case

Estimote SDK

http://github.com/Estimote/iOS-SDK

Q&A

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Community forum, Featured apps and projects
Monthly challenges

community.estimote.com

RealityHack Challenge

Prove your skills in a monthly contest
for the best app!

Face one of the three challenges:
A calm mind when leaving your house
Contextified entertainment
Smart transfer, always on time

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Embedded System Engineer
Community Manager
Front-end Engineer
Quality Assurance Engineer
Supply Chain Manager
Administrative Assistant
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