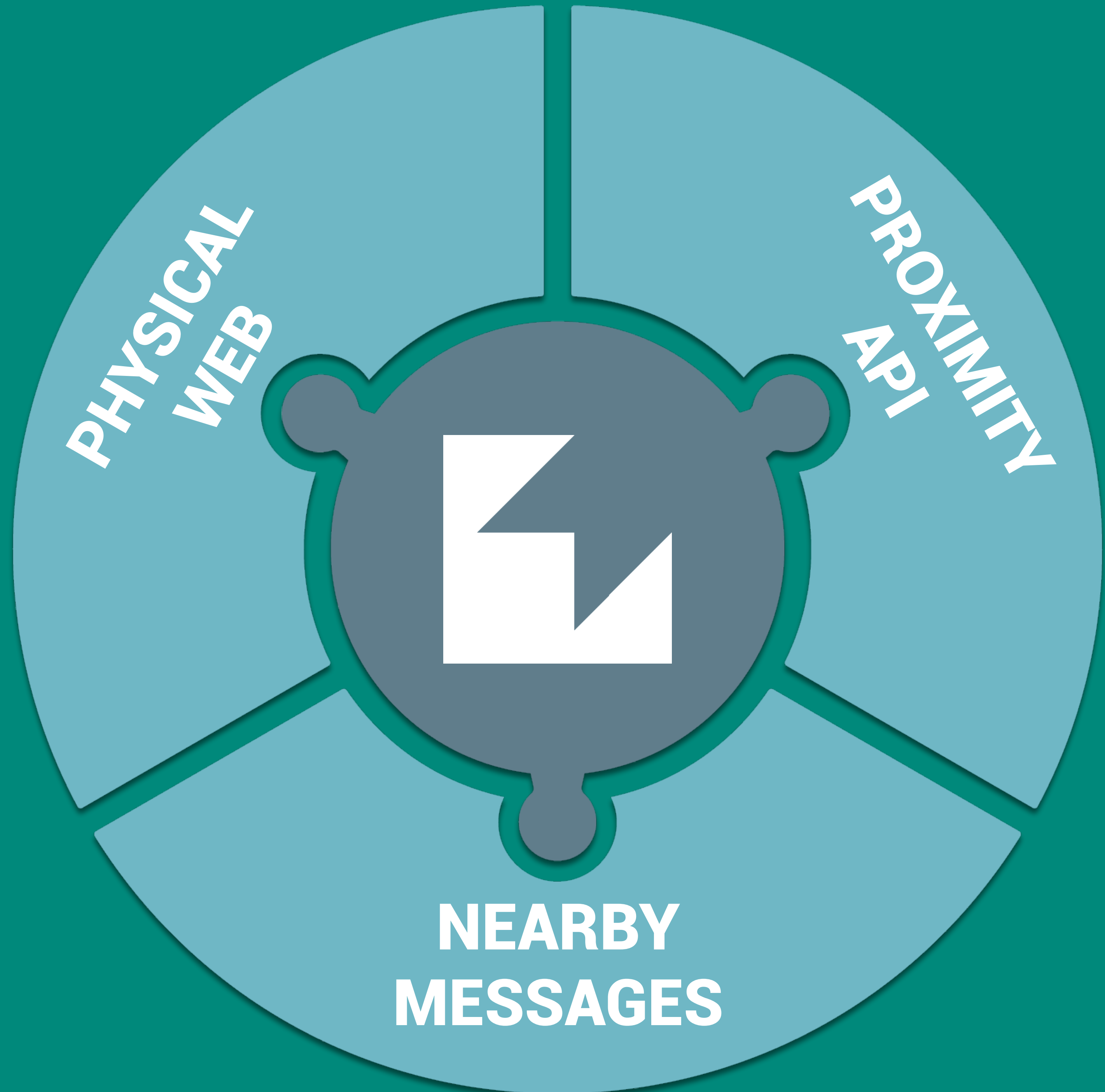


All Mouth and No Ears: Google Proximity Beacons

Dave Smith, PE
Android Lead
NewCircle, Inc.



Eddystone

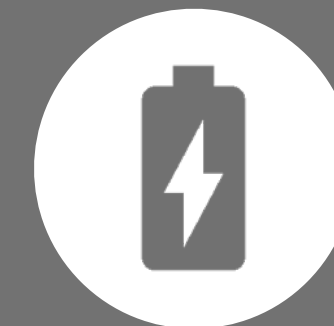
Eddystone-URL

<http://goo.gl/BhqDJb>

Eddystone-UID

442560da34bd204a9ed7

Eddystone-TLM



Proximity Beacon API



Beacon Metadata
(Attachments)

Beacon
Provisioning

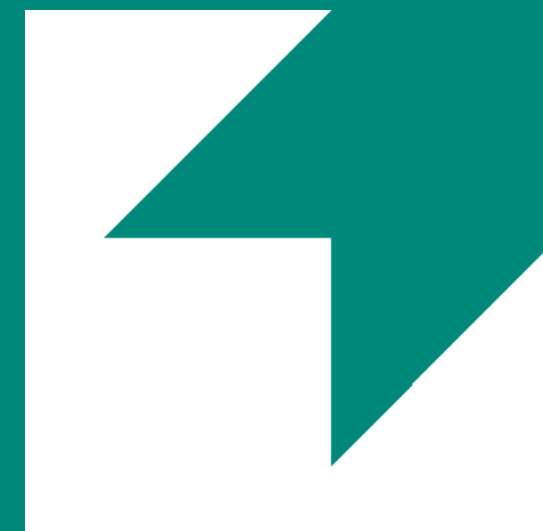
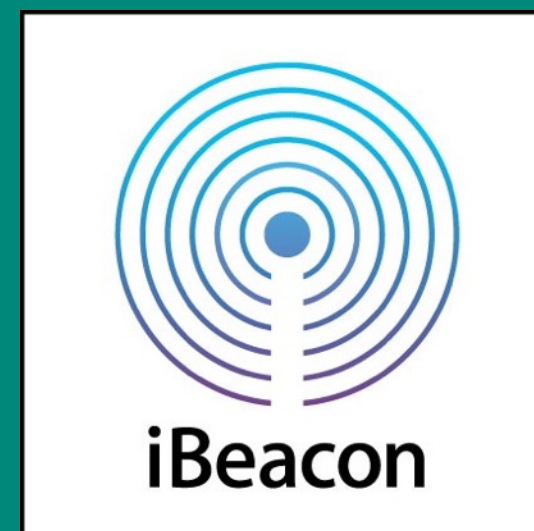
Beacon
Diagnostics

Proximity Beacon API

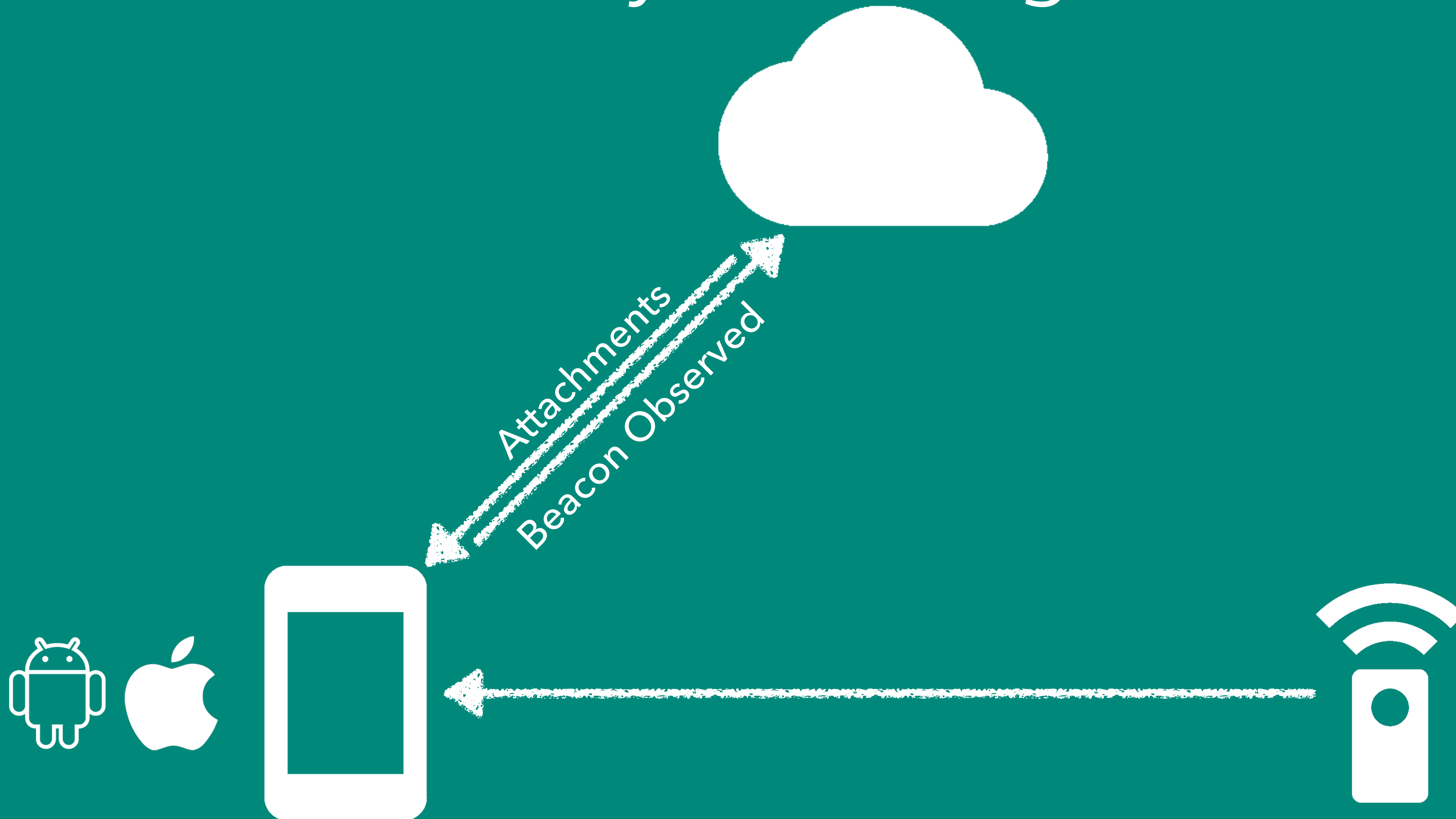
Beacon Metadata
(Attachments)

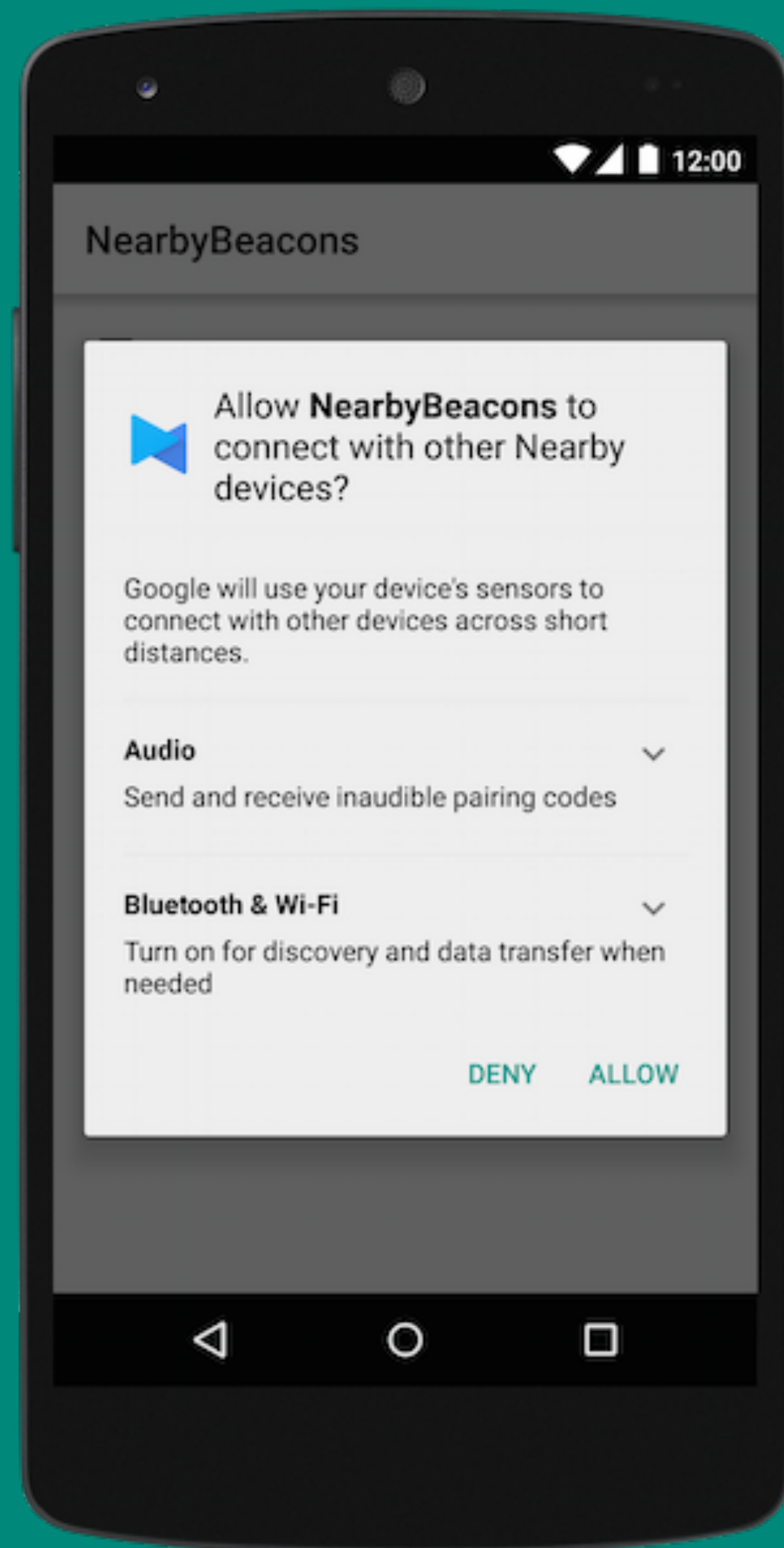
Beacon
Provisioning

Beacon
Diagnostics



Nearby Messages API





NearbyBeacons



Allow **NearbyBeacons** to connect with other Nearby devices?

Google will use your device's sensors to connect with other devices across short distances.

Audio



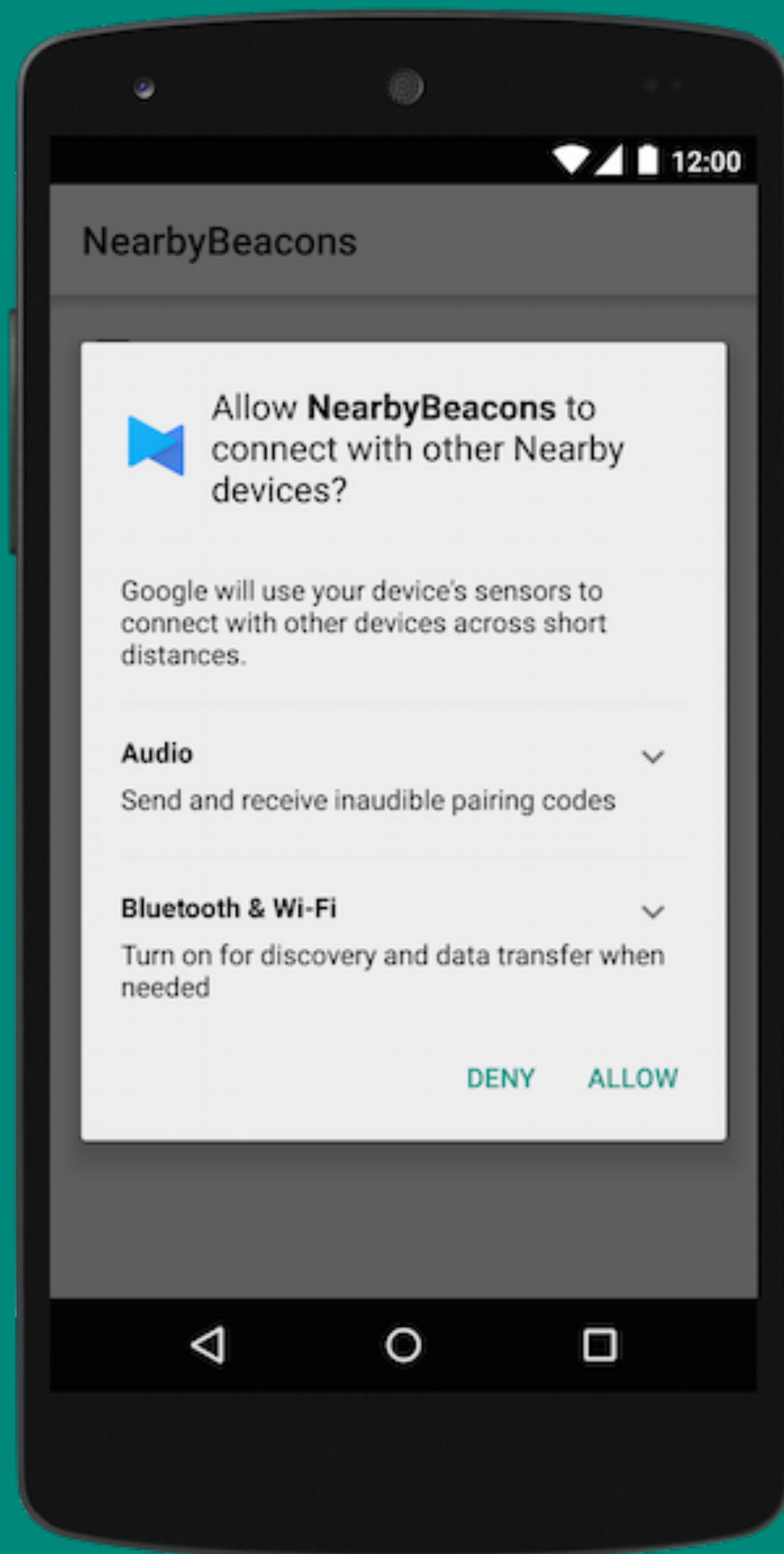
Send and receive inaudible pairing codes

Bluetooth & Wi-Fi



Turn on for discovery and data transfer when needed

DENY ALLOW

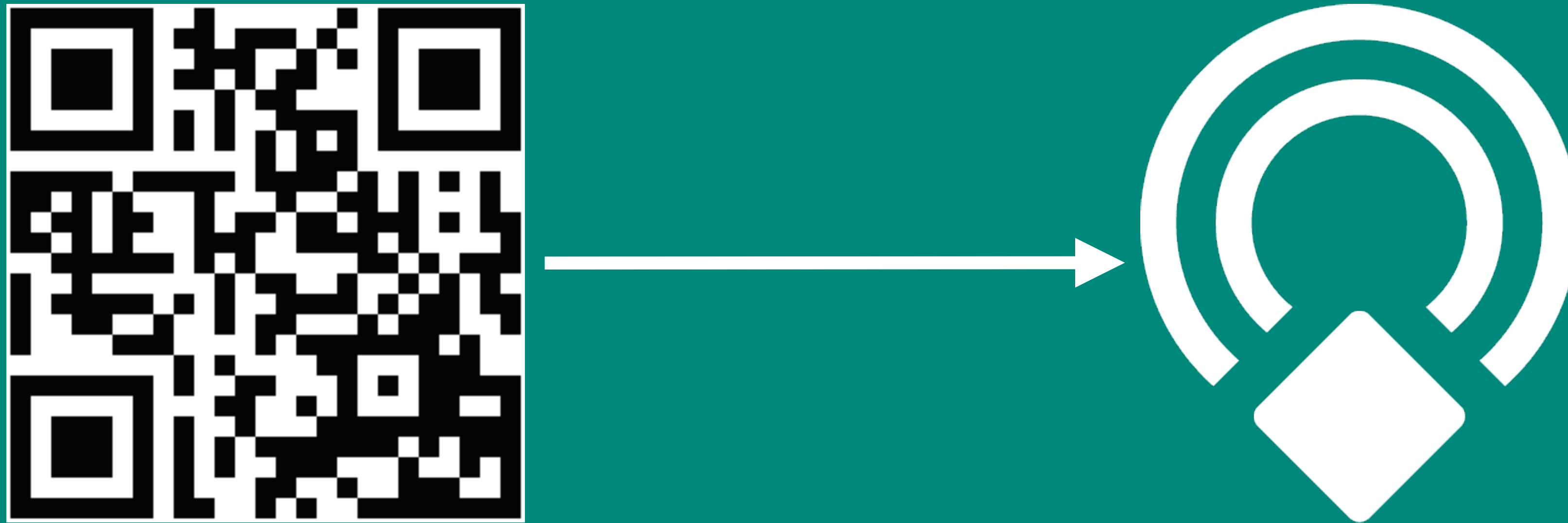


Limited
Background
Scanning

Physical Web

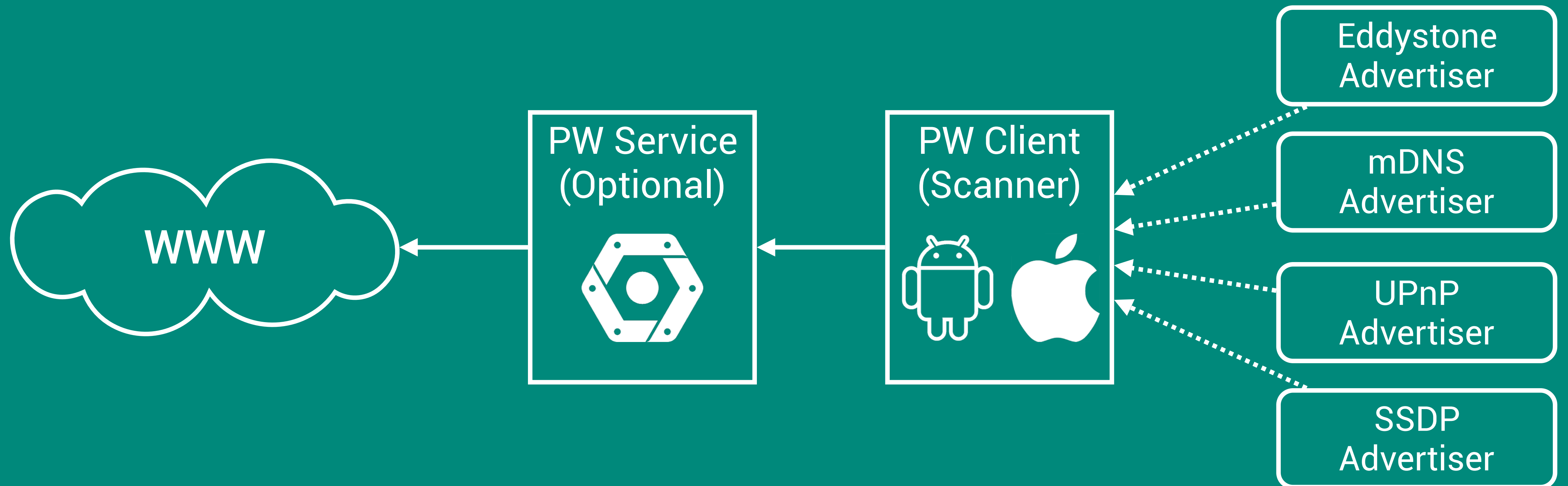


Physical Web

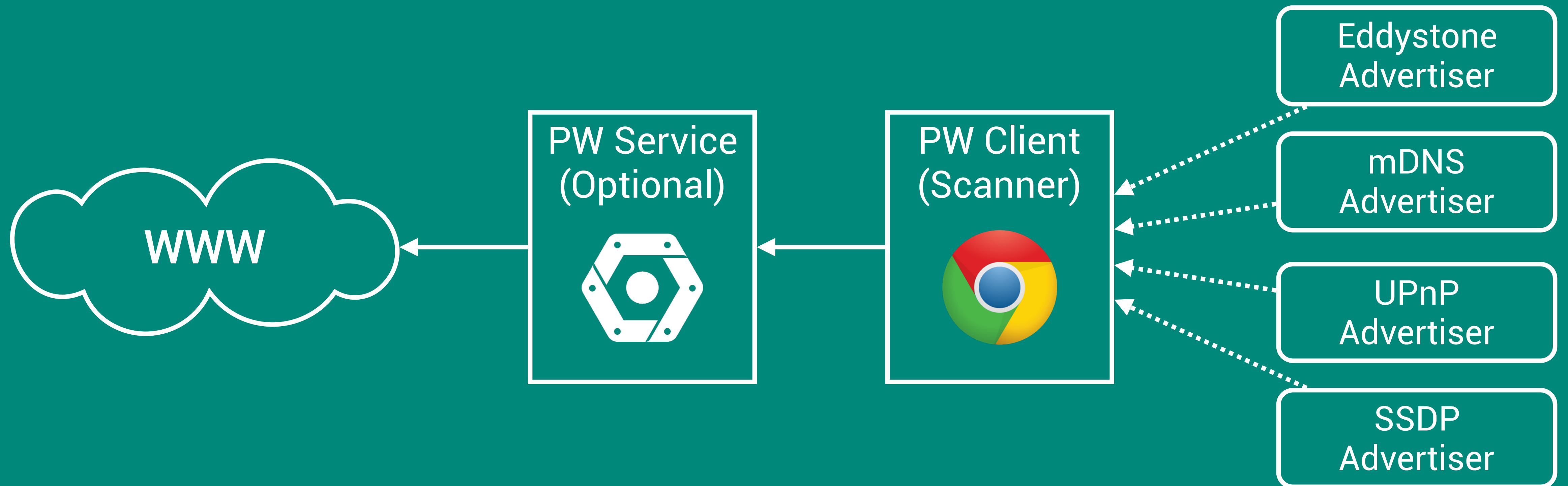


"Walk up and use anything"

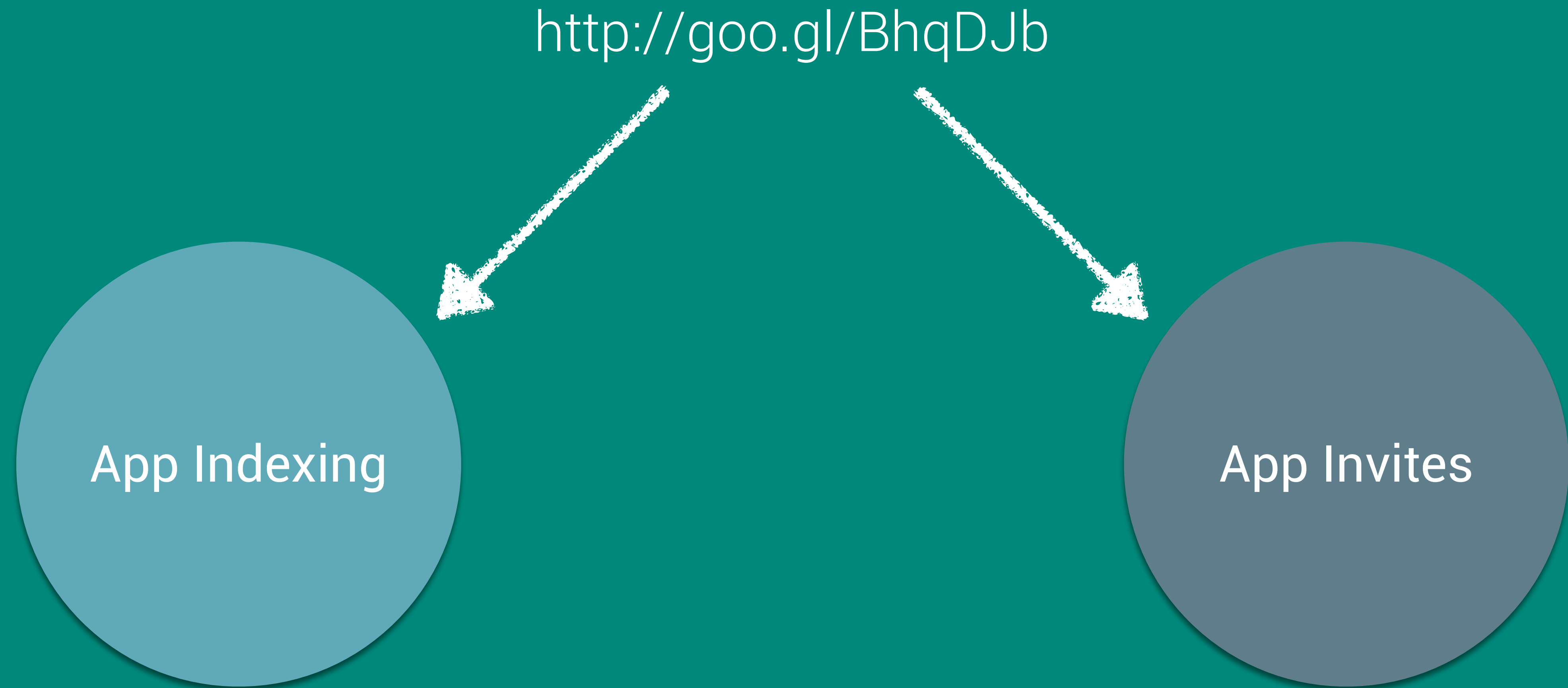
Physical Web Architecture



Physical Web Architecture



Linking App Content



You Need Beacons!



You Need Beacons!



Google Proximity Beacons

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- +DaveSmithDev 
-  milehighandroid.com
- wiresareobsolete.com 