





SHARE YOUR AIR

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ABOUT:ME

Present

lunar
logic
polska



Past



I HATE COMPUTERS

disclaimer

QUESTIONS?

ask them right away!

ENVIRONMENT

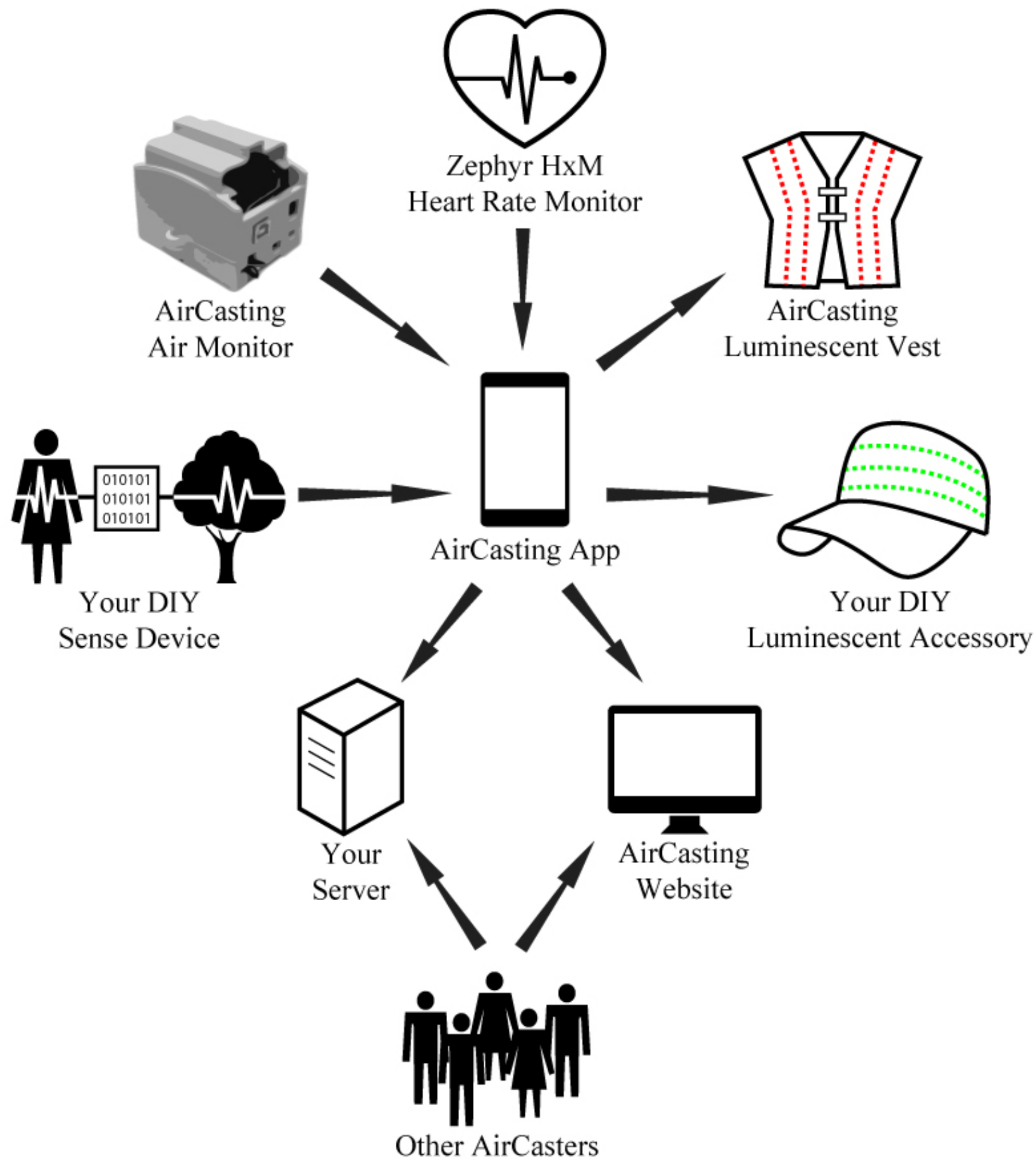
WE EMIT A LOT

fact

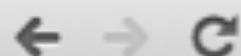


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LET'S MEASURE IT!



HOW DOES IT AFFECT ME?



aircasting.org/map#/map_crowd?data=%7B%22location%22:%7B%7D,%22gridResolution%22:25,%22tags%22:%22%22



HOME

ABOUT

MAPS

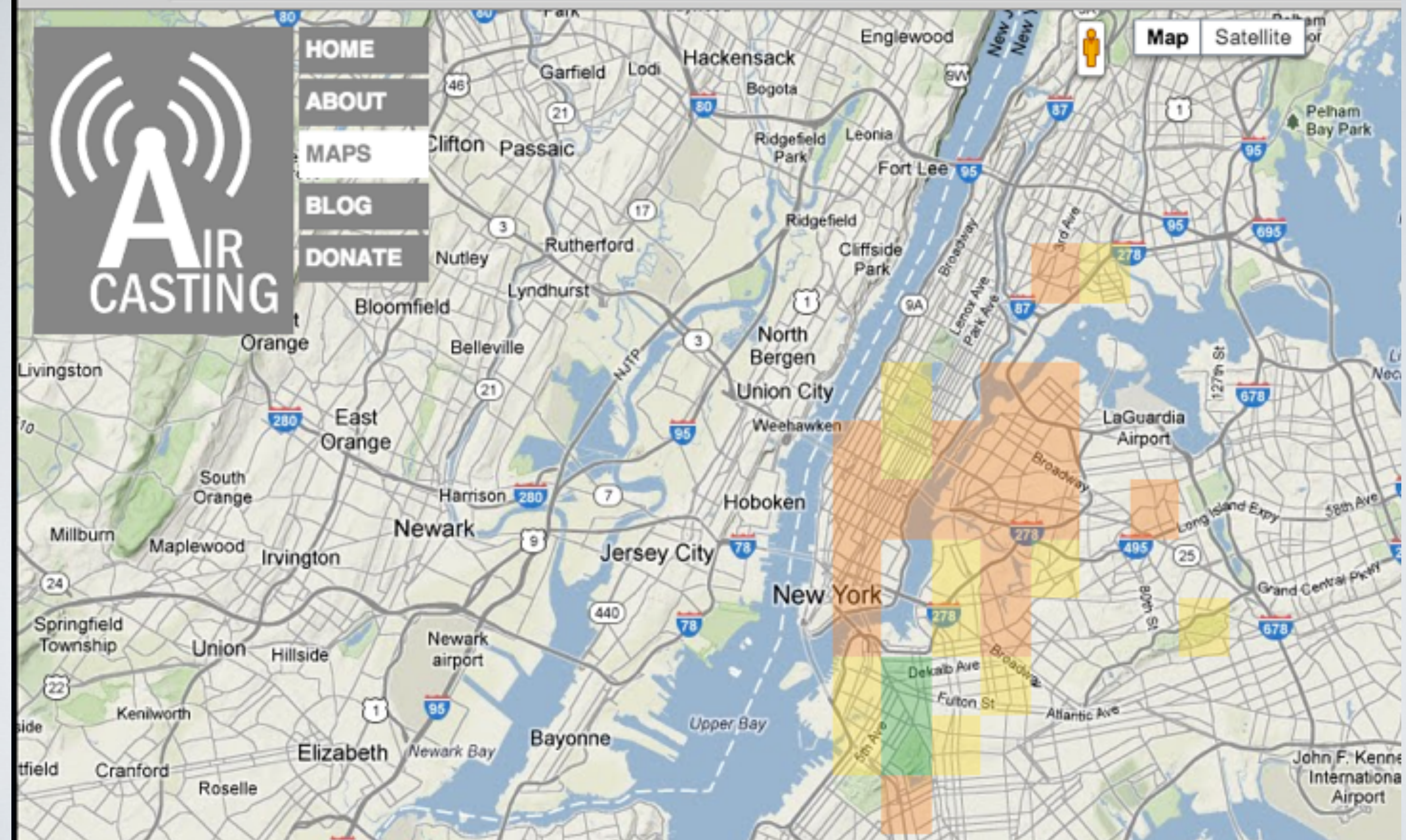
BLOG

DONATE



Map

Satellite



RECORD & CONNECT



- HOME
- ABOUT
- MAPS
- BLOG
- DONATE

Sessions

none

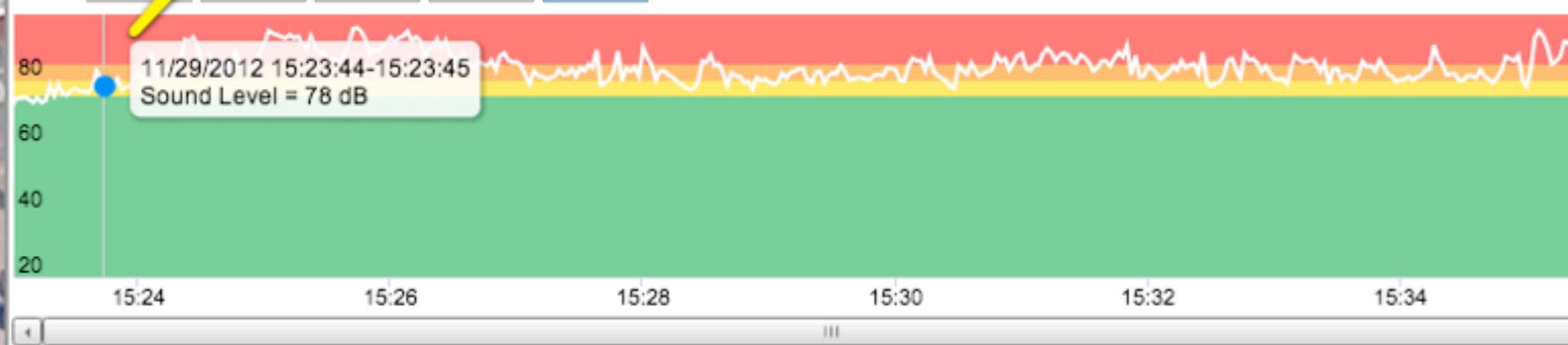
16:26 CO/dB/F/NO2/PM/RH

- ☐ Indoors wireless connection
anegron, 12/10/2012, 09:08-09:09
dB
- ☐ BAQ walk 1
TimD, 12/04/2012, 18:06-18:14
dB/PM
- ☒ Scott Ave Allocco
HabitatMap, 11/29/2012, 15:20-15:55
CO/dB/F/NO2/PM/RH
- ☐ Home
Bhavin, 11/29/2012, 09:42-09:43
dB
- ☐ Buena vista to haight st
coocoo, 11/16/2012, 15:19-15:43
dB
- ☐ BYOD morning walk
TimD, 11/14/2012, 07:49-07:59
dB/PM
- ☐ Dupont Walk
TimD, 11/13/2012, 19:55-20:06
dB/PM
- ☐ cerda - glories monday

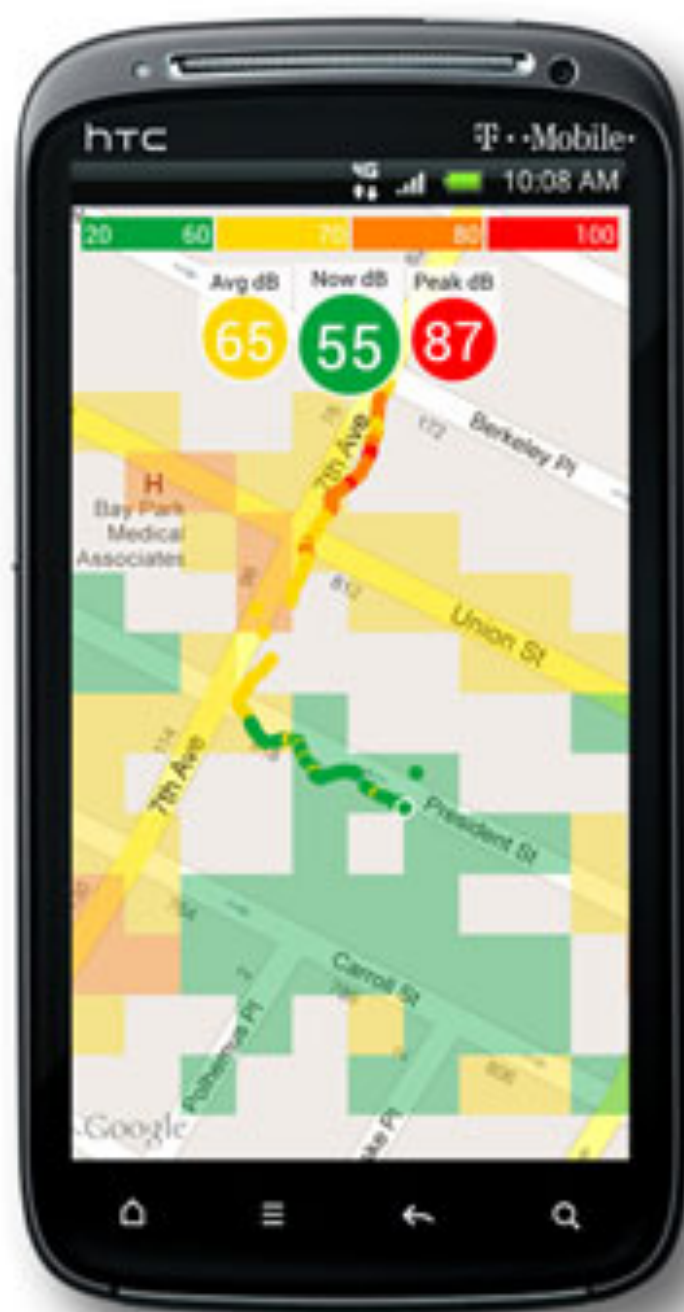


Sessions Green

Zoom 1min 5min 30min 1hr All



MEASURE IT?



AirCasting App

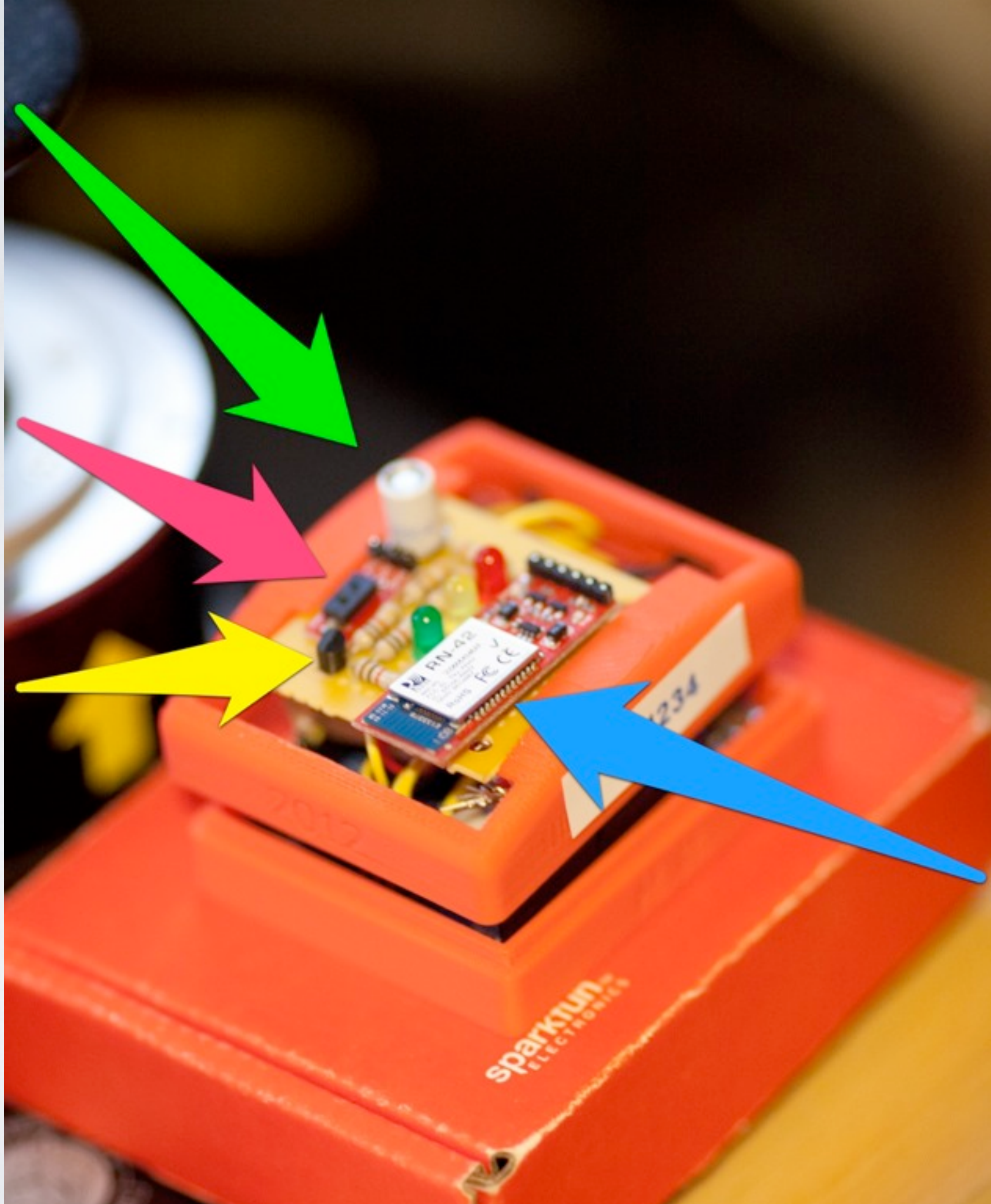


AirCasting Air Monitor

CO

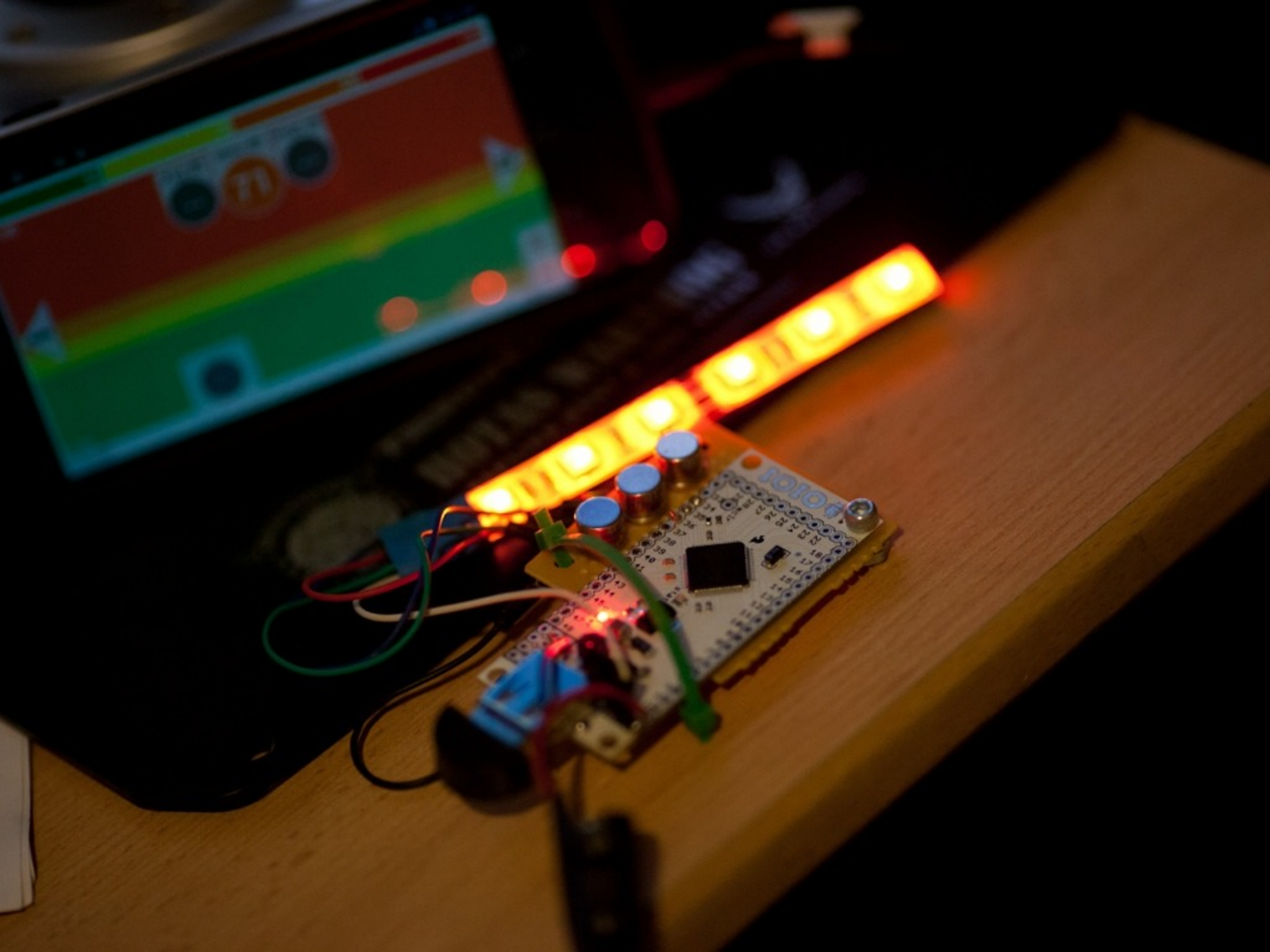
Humidity

Temp





AND



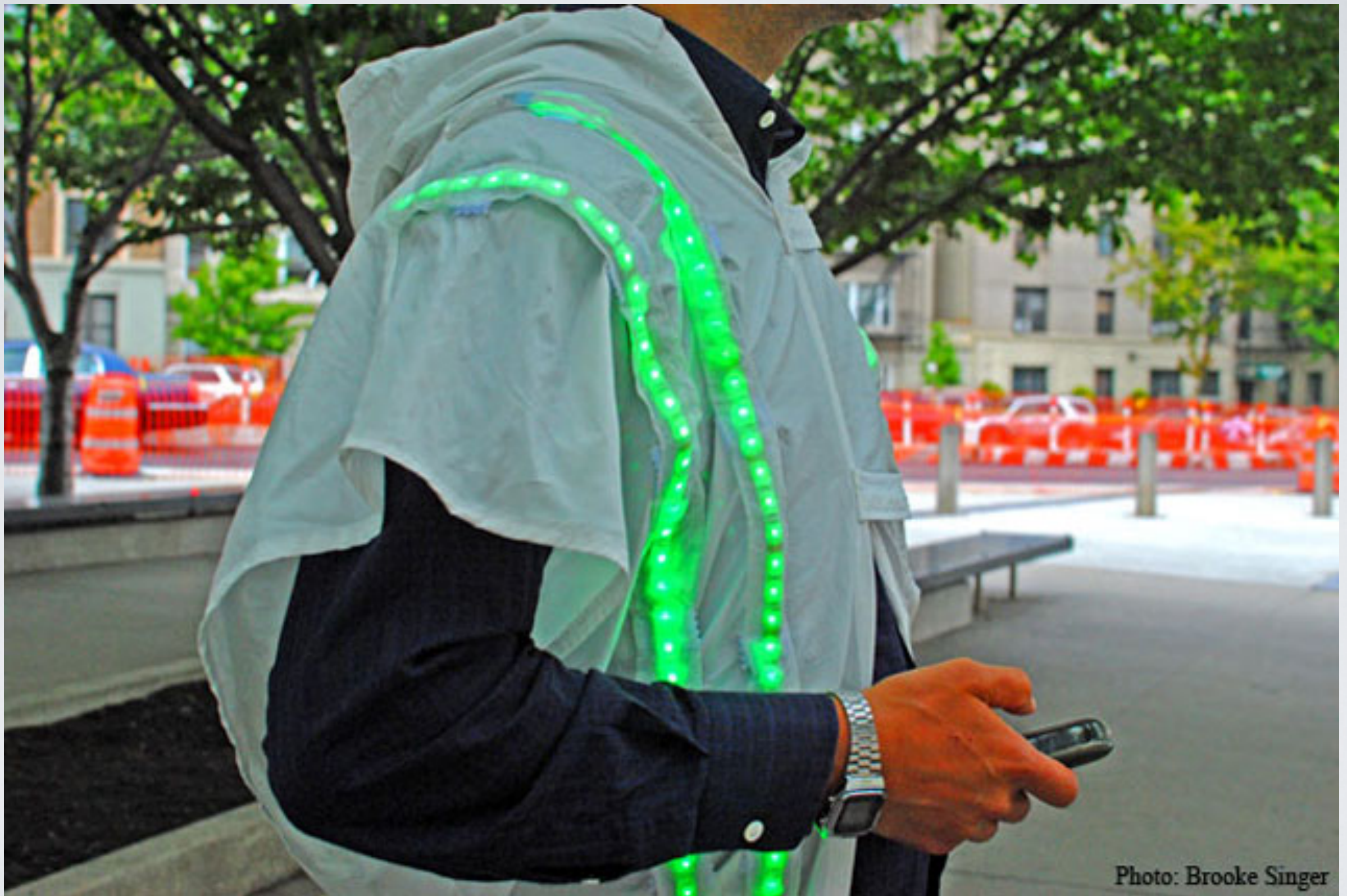
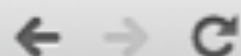


Photo: Brooke Singer



aircasting.org/map#/map_crowd?data=%7B%22location%22:%7B%7D,%22gridResolution%22:25,%22tags%22:%22%22



HOME

ABOUT

MAPS

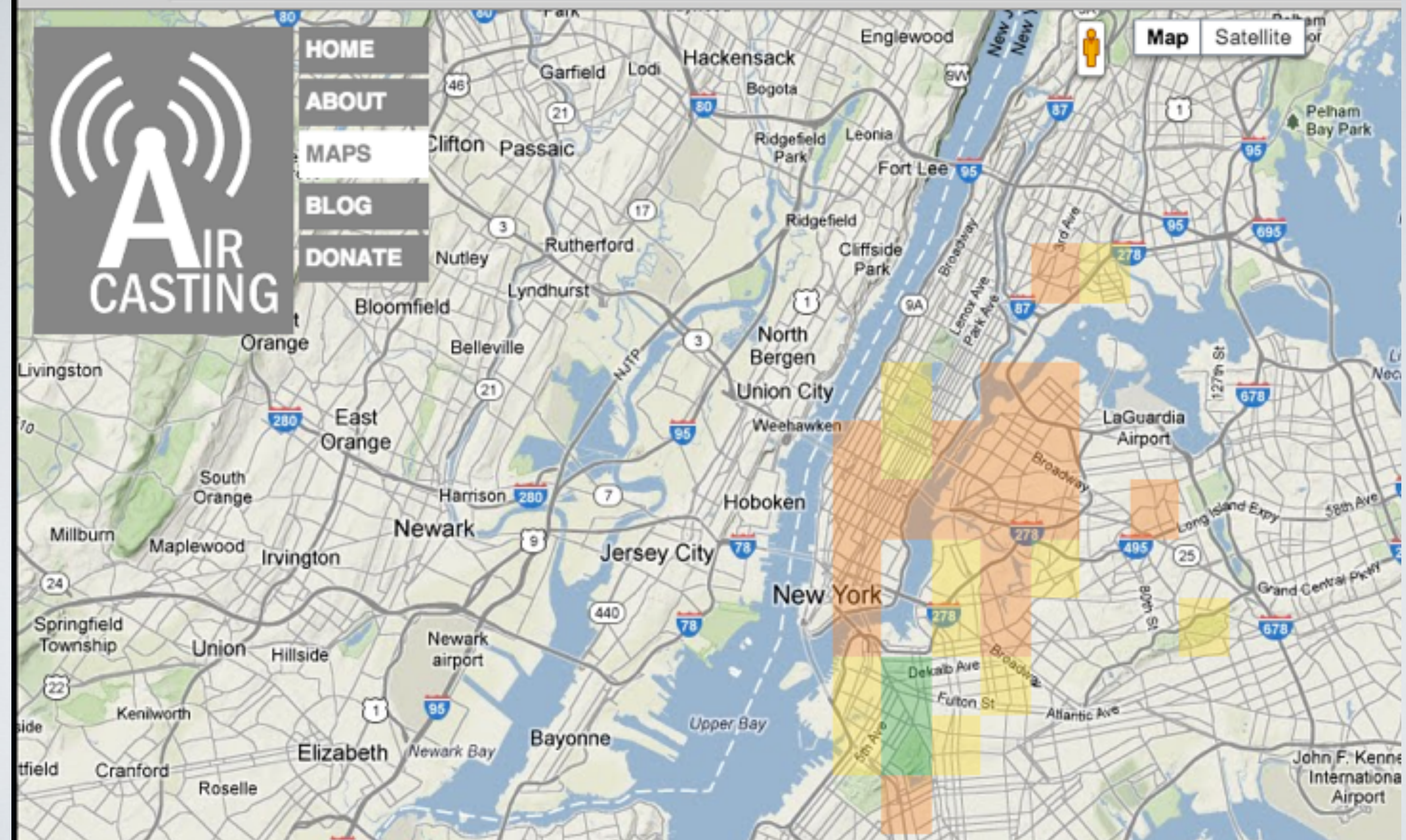
BLOG

DONATE



Map

Satellite



THERE'S AN API FOR THAT

INSIDE



BACKEND





CLIENT



MAKER COMMUNITY ACCEPTS FAILURE

and ugly UIs ;-)

HICCUPS



+

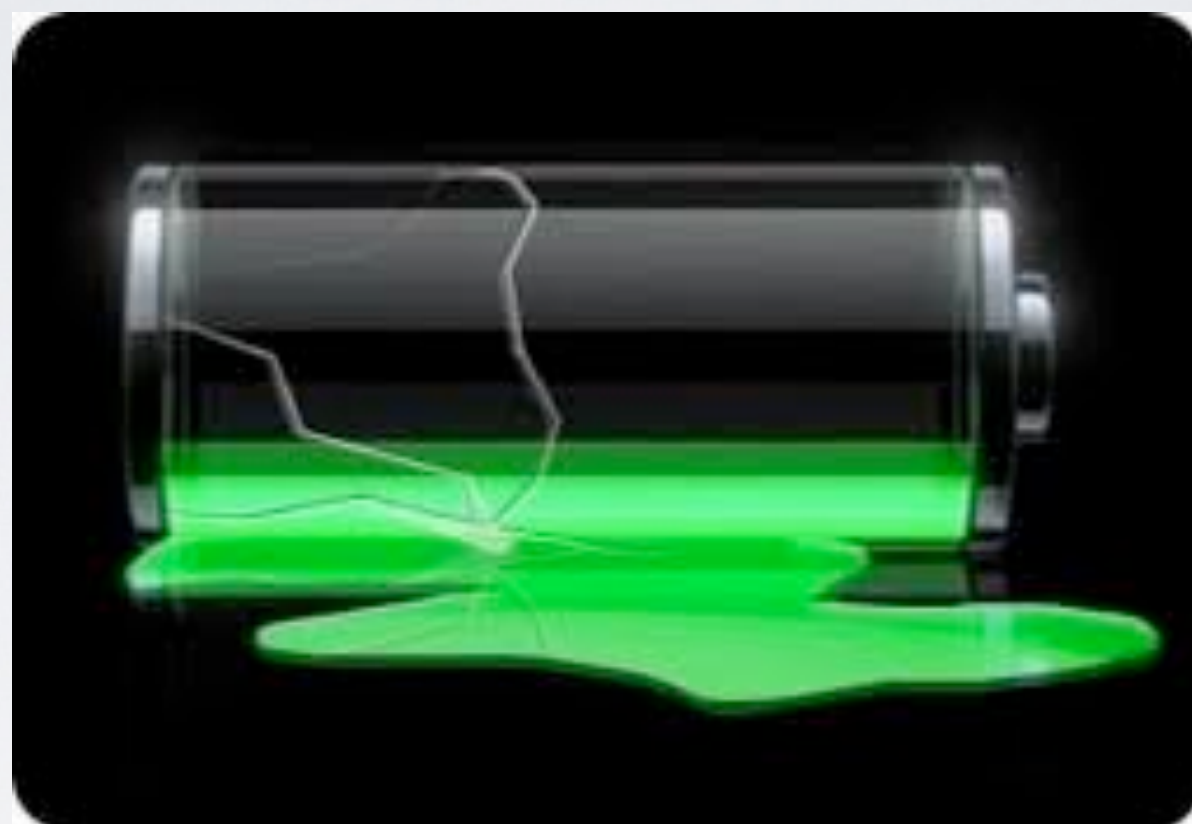


=



```
String uuidString = "00001101-0000-1000-8000-00805F9B34FB";  
UUID uuid = UUID.fromString(uuidString);  
socket = device.createRfcommSocketToServiceRecord(uuid);
```

```
BluetoothSocket socket = null;
try
{
    Method m = device.getClass().getMethod("createRfcommSocket", int.class);
    socket = (BluetoothSocket) m.invoke(device, 1);
}
catch (NoSuchMethodException ignore)
{
    String uuidString = "00001101-0000-1000-8000-00805F9B34FB";
    UUID uuid = UUID.fromString(uuidString);
    socket = device.createRfcommSocketToServiceRecord(uuid);
}
```



SPEED

there is a lot to learn

DB

2 HOURS, 5 SENSORS

$$2 * 5 * 3600 = 36000 \text{ datapoints}$$

TAKES TIME
BLOCKS DB

QUESTIONS?

START AIRCASTING



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tweet please!



RESOURCES

- aircasting.org
- github.com/LunarLogic/AirCasting
- github.com/LunarLogic/AirCastingAndroidClient