# Double-Filter System

**Track 1 (Onsite-Online)** 



Markus Ebner, Steffen Kastner, Markus Bullmann, Toni Fetzer, Frank Deinzer





## **Statistics**



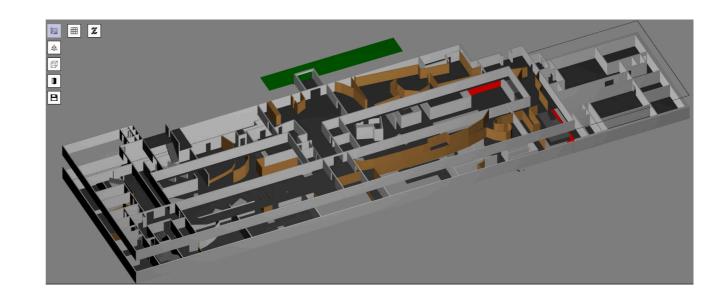
# **Museum Building:**

Ground:  $\sim 100 \text{m x } 35 \text{m} = 3500 \text{m}^2$ 

Floors: 2

Total:  $\sim$ 7000m<sup>2</sup>

160 FPs = 
$$\frac{0.023FP}{m^2} = \frac{1FP}{44m^2}$$



$$160 FP \cdot \frac{1 min}{1 FP} = 160 min$$

### **Statistics**



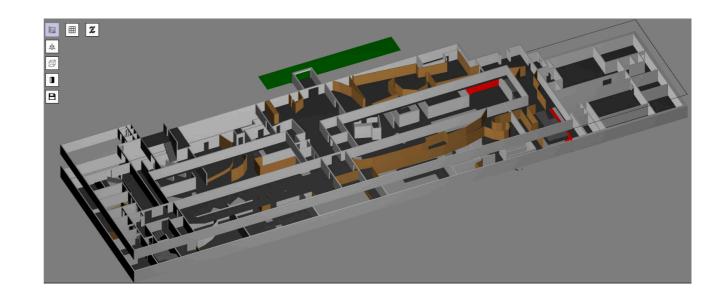
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Floors: 2

Total:  $\sim$ 7000m<sup>2</sup>

160 FPs = 
$$\frac{0.023 FP}{m^2} = \frac{1 FP}{44 m^2}$$



$$160 FP \cdot \frac{1 min}{1 FP} = 160 min$$

8h

### **Statistics**



## **Museum Building:**

Ground:  $\sim 100 \text{m x } 35 \text{m} = 3500 \text{m}^2$ 

Floors:

~7000m<sup>2</sup> Total:

160 FPs = 
$$\frac{0.023 FP}{m^2} = \frac{1 FP}{44 m^2}$$

$$160 \, FP \cdot \frac{1 \, min}{1 \, FP} = 160 \, min$$
 **8h + 8h**

**III Z** 

## **Problems**

#### SensorFingerprint

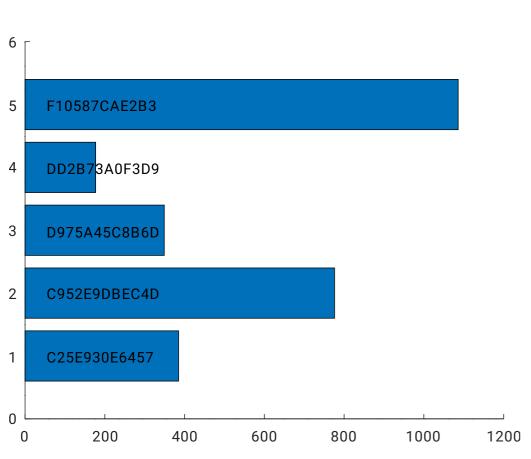
-2

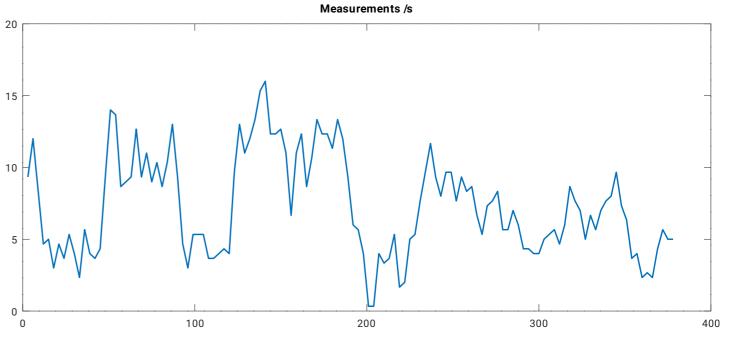




# **Statistics (BLE)**





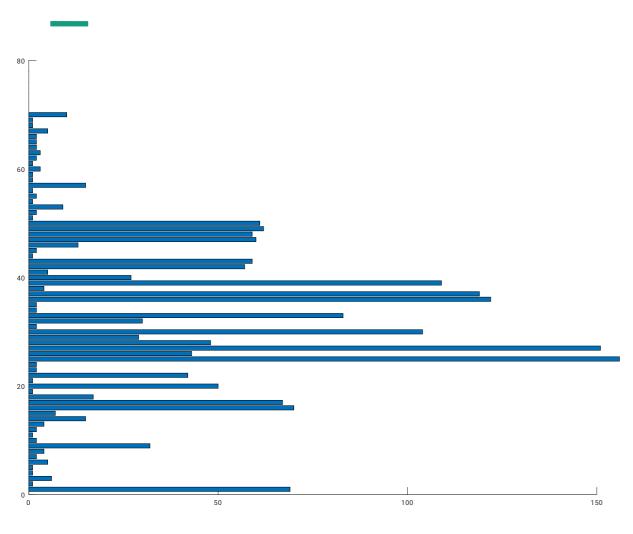


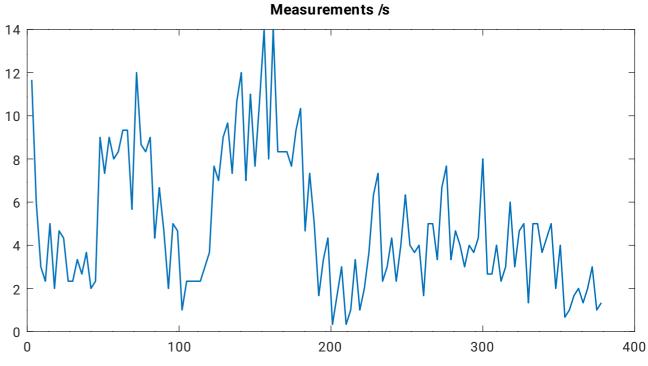
Usable Beacons: 5

Avg. Samplerate: 7.34/s

# **Statistics (WiFi)**







Usable WiFi APs: 412

Avg. Samplerate: 5.01/s

## **Results**



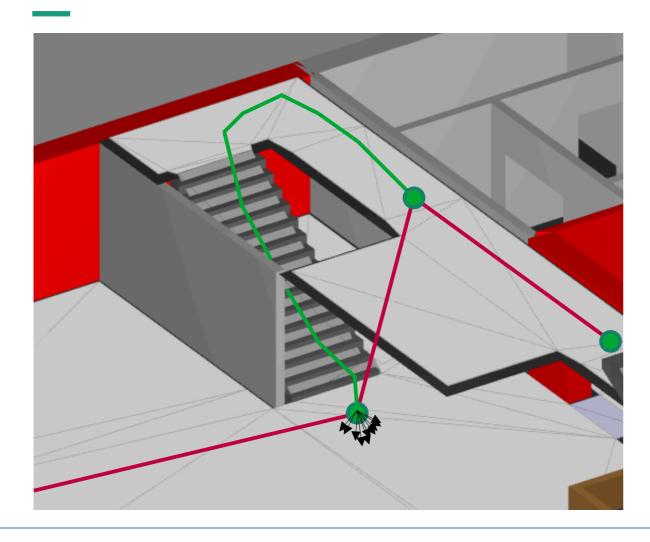
Track 1: 2.8m

Track 3: 5.3m

75% Quantile

## Track 1 vs Track 3

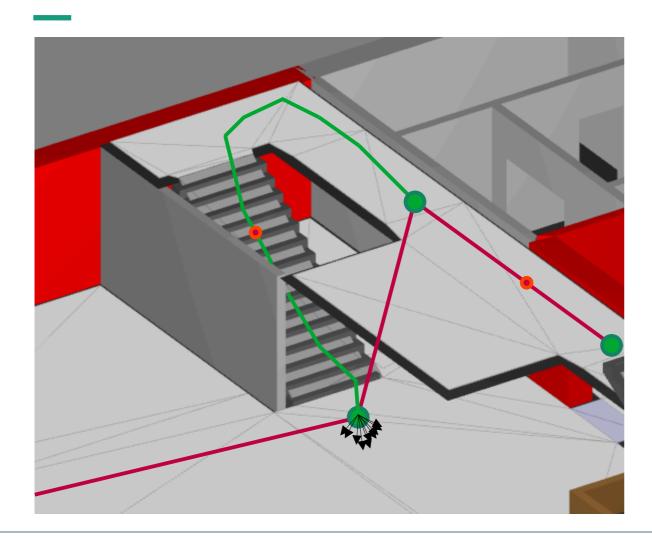




Avg. Samplerate: 5.01/s

## Track 1 vs Track 3





Avg. Samplerate: 5.01/s

Avg. Scanrate:  $\frac{1}{4 \, sec}$ 



# **Thank You**