# bumbee@labs

### **CROWD ALERT** SYSTEM

## goals

Reduce risk of virus spread

Avoid crowd formations

Real time alerts via text or email

Possibility to use existing Wi-Fi networks

Other footfall KPI's

### what we measure



### our method

The visitors' smart phones send out signals 7 - 15 times a minute to locate a network.

The signals are collected and sent to our cloud-based servers.



The data is processed before storage. The process is analysed and approved by the Swedish Data Inspection authorities with GDPR taken into account.



GDPR compliant data is now ready for use. The data could be used separately or in combination with other data sources.

### benefits

#### Get alerts when crowds forms

Get real time alerts via text message or email when the number of visitors in a specific zone is higher than normal.

- Be able to quickly direct attention to that zone
- Prevent unnecessary crowd formations
- Reduce risk of virus spread
- Cover all the high interest areas in a city, shopping mall or transportation hub

#### **Easy installation**

The method can be applied to either existing public Wi-Fi installations or using easily installed access points

- Can be applied to Cisco, Ruckus, Aruba and many other AP providers.
- Adds additional value to already taken hardware investments
- Installation can be done remotely

#### Get additional footfall KPI's

Get access to additional footfall KPI's, such as:

- Number of visitors
- Dwell time
- Paths
- Zone data and Anchor positions
- Travel patterns
- and many more

### why us?

GDPR approved by the Swedish Data Inspection authority

★ Robust Data & Extrapolation allows for over 99 % accuracy

#### ★ Effective Method

10 years of research Approved by academia Validated by customers Statistically robust approach





### contact us

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