



# Moose – An Early Traffic Warning System

Using edge computing to help identify potential risks and send real-time notification to near-by drivers

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# The problems

- 1,824 accidents involving members of the deer family (elk, deer, moose) took occurred in 2017. These collisions in Finland typically takes place on a two-lane motorway in the late evening or early morning.
- In urban area, drivers do not know early enough when emergency vehicles are approaching which might cost people's lives



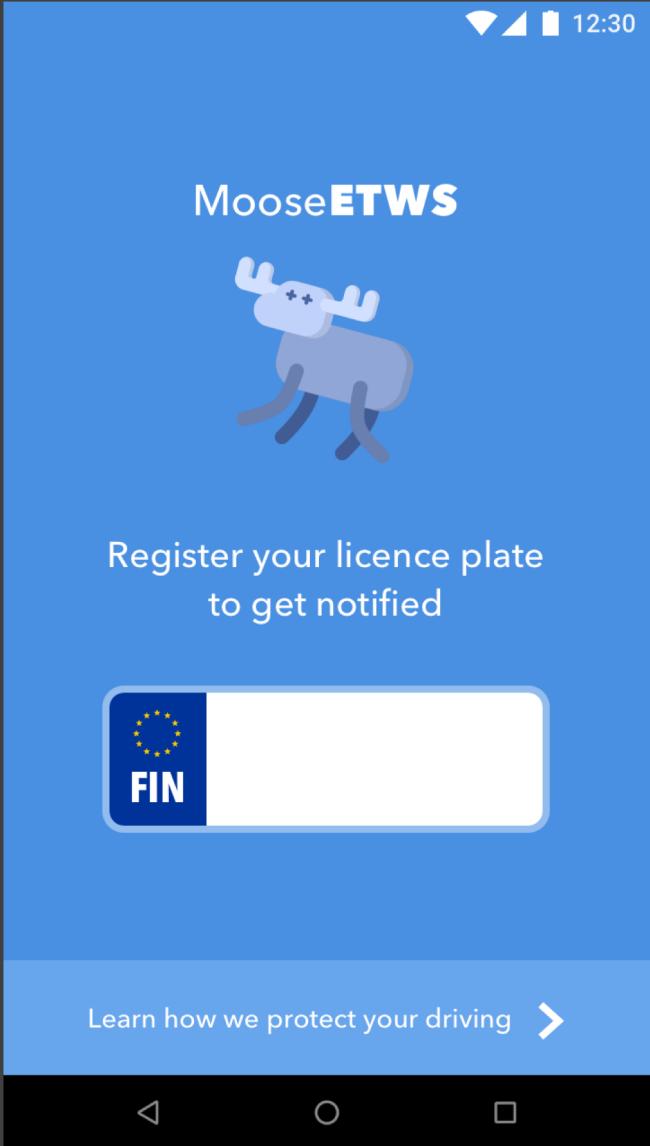
# Features

- Locate potential dangerous animals on the roads in real-time
- Provide real-time database for locations of potential threats
- Make use of a real-time database of car's locations based on the plate number recognition
- Warn and notify drivers through mobile/car app clients

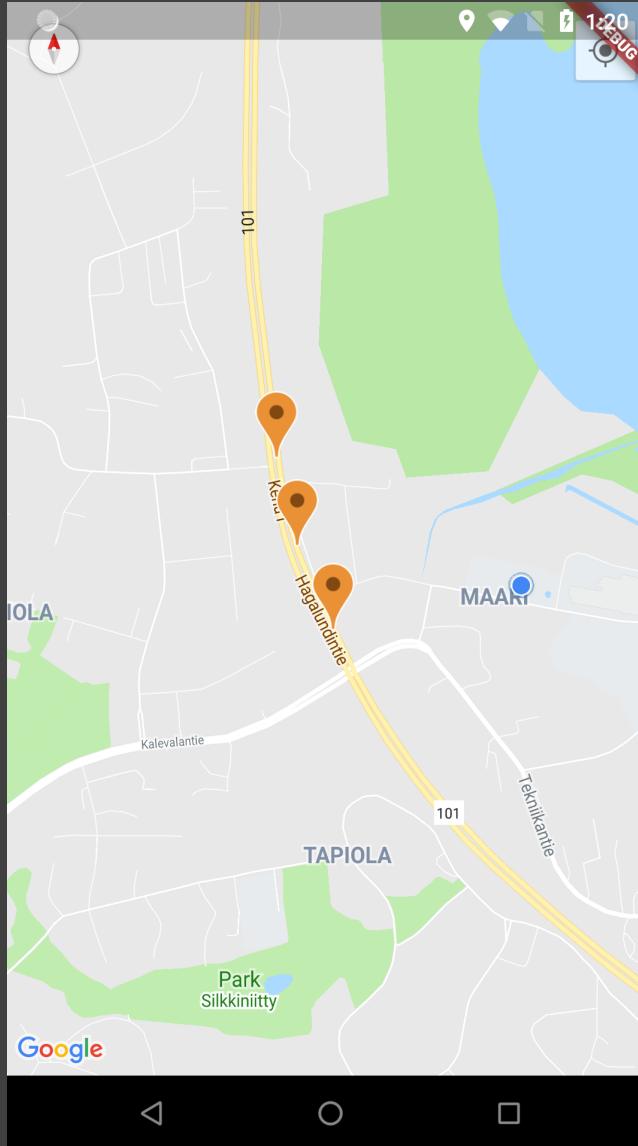
## Extended features

- Detect and notify users about emergency vehicles coming around
- Make use of infrared sensors to detect potential threats at night
- Provide API access as a subscription based service for self-driving cars

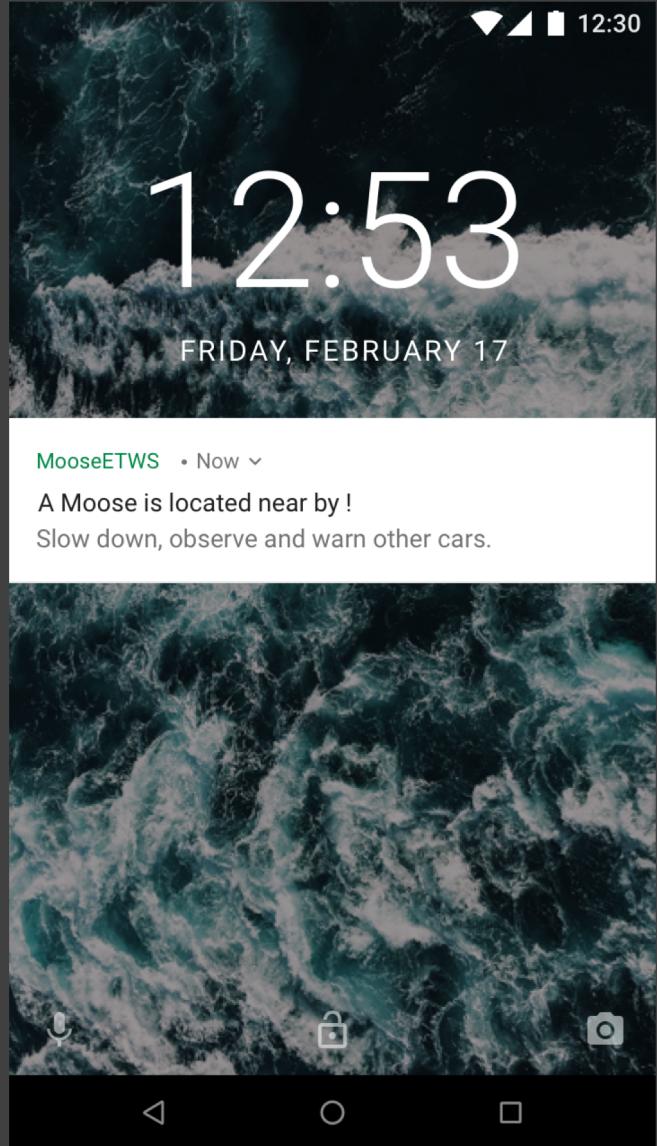




Landing/Registration

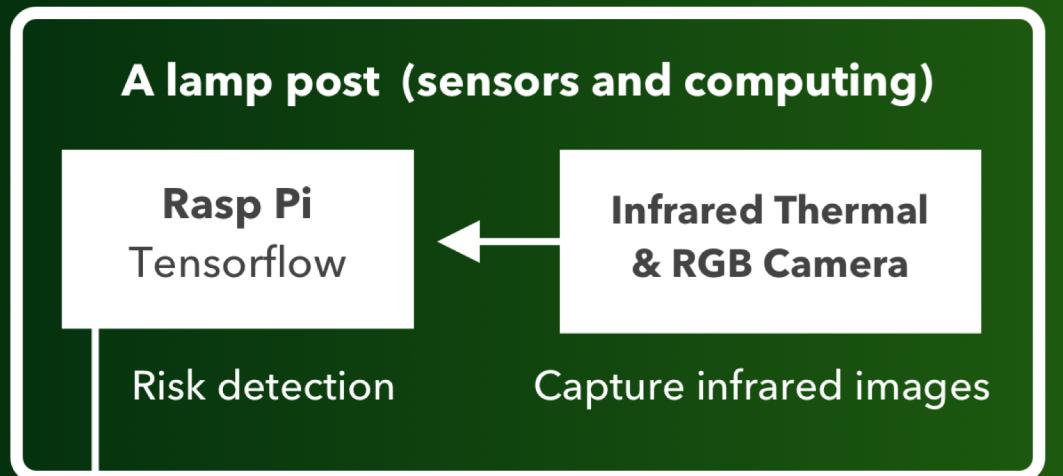


Detected animals location  
(In app)

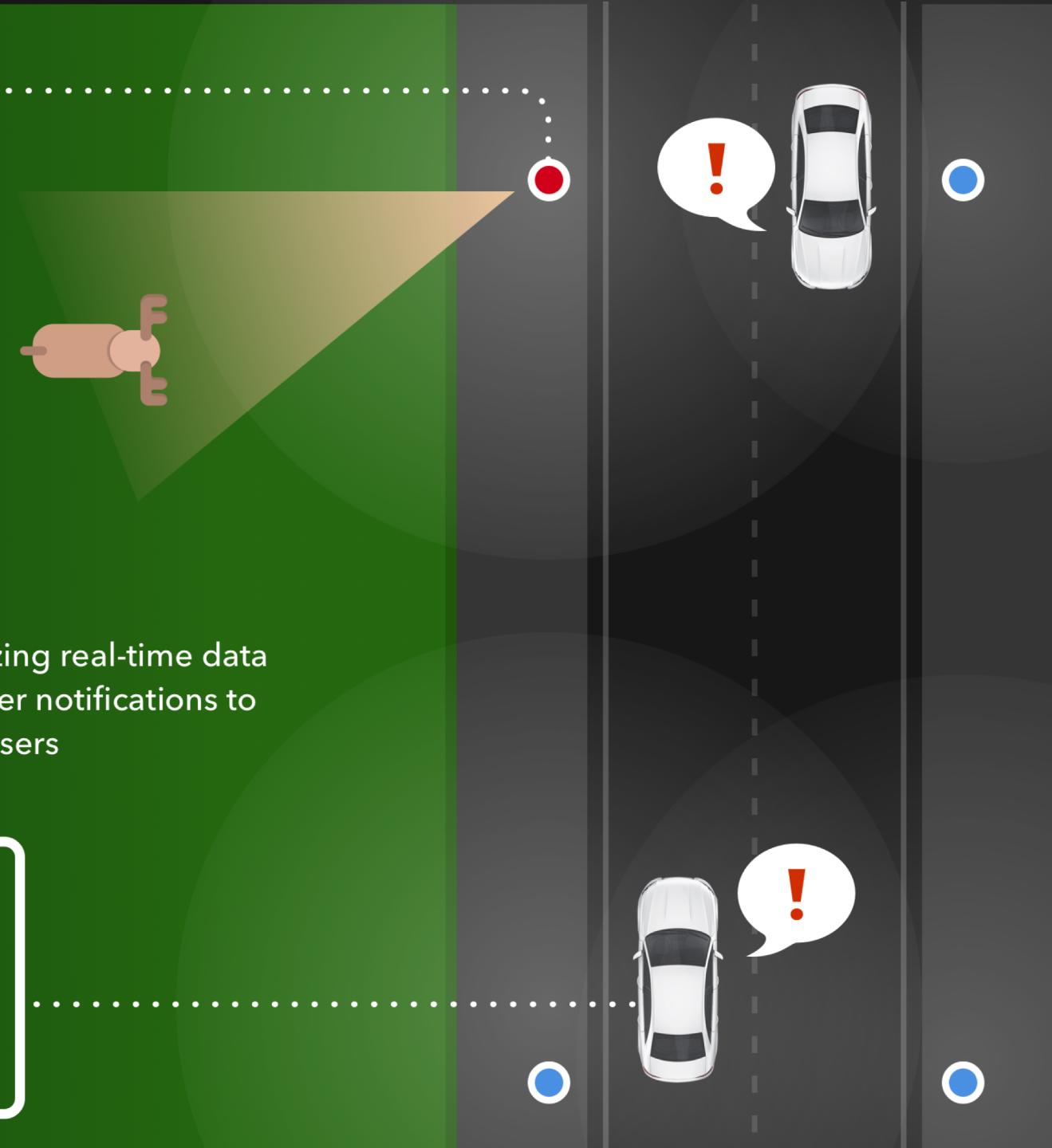
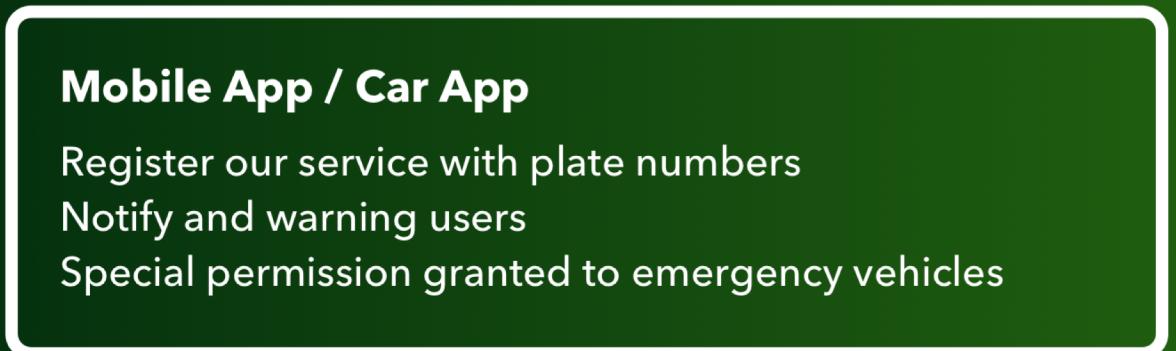


Notifications

# The solution



- Storing and analyzing real-time data
- Algorithm to trigger notifications to selected group of users



# Business opportunities

- Provide services to city planers and map services
- Assist self-driving technology or driving navigators with our real-time database



# Thank you!

Any question?

