



***Telesto
Technologies***

Information Communication Technologies

Telesto Technologies

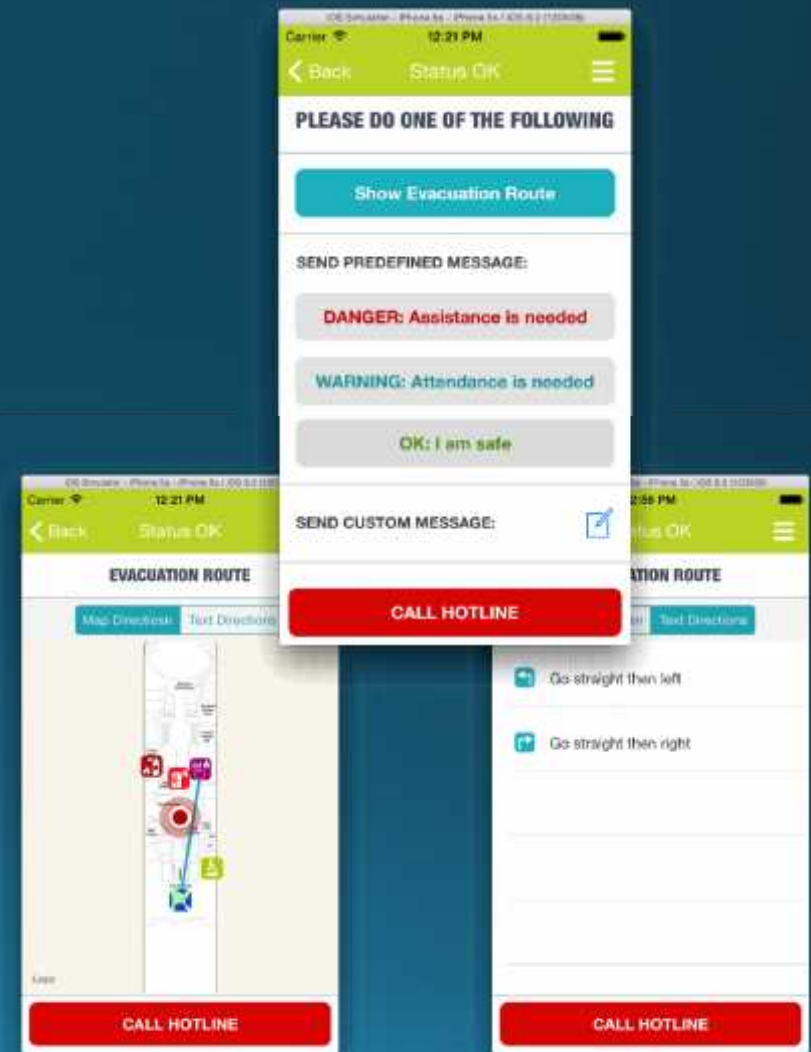
IoT Applications

Telesto IoT Applications

Safety

An application that saves your life!

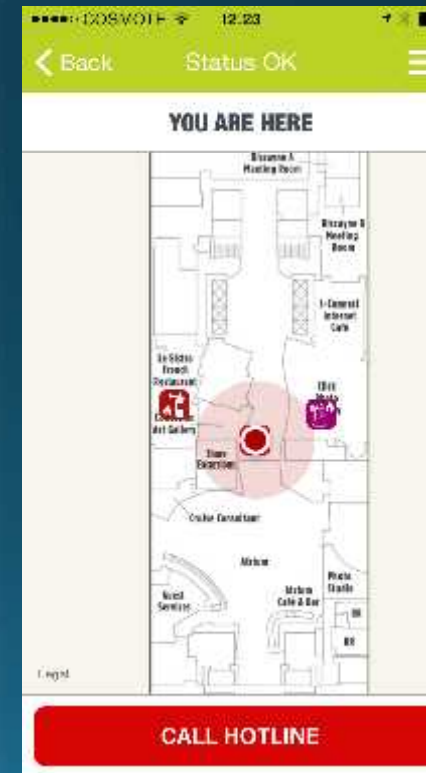
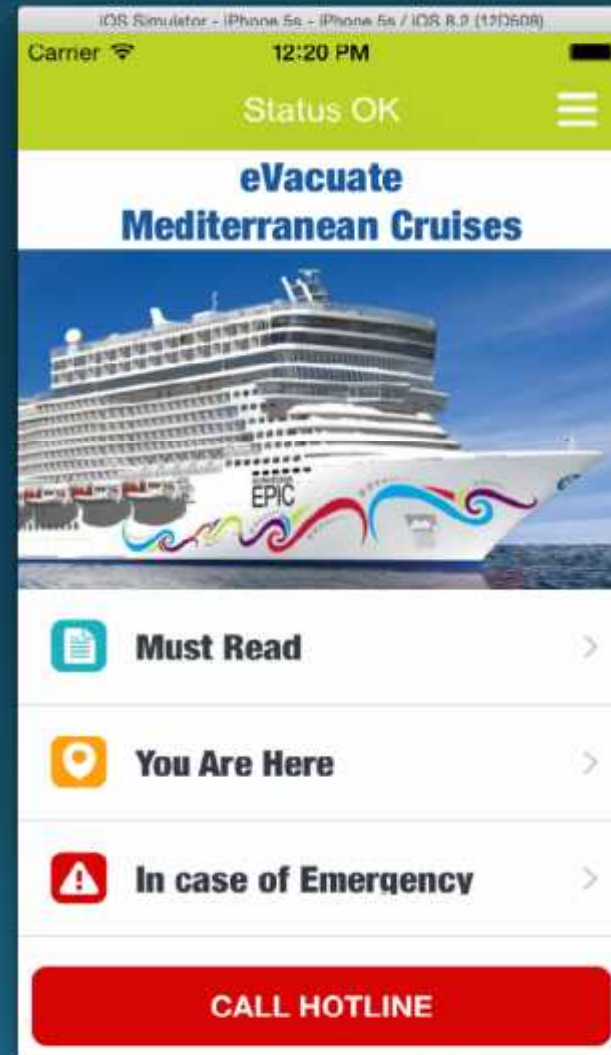
- Application for locating the passenger on board a cruise ship
- In case of an emergency, it supports the evacuation process
- Supports the officers of the ship about the situation at hand
- In complete accordance to SOLAS regulations



... and “helps” you consume!

- The mobile application builds loyalty as the passenger gets coupons
- Location based analytics help stores maximize profits

(To be presented in Sea Trade Expo Hamburg)

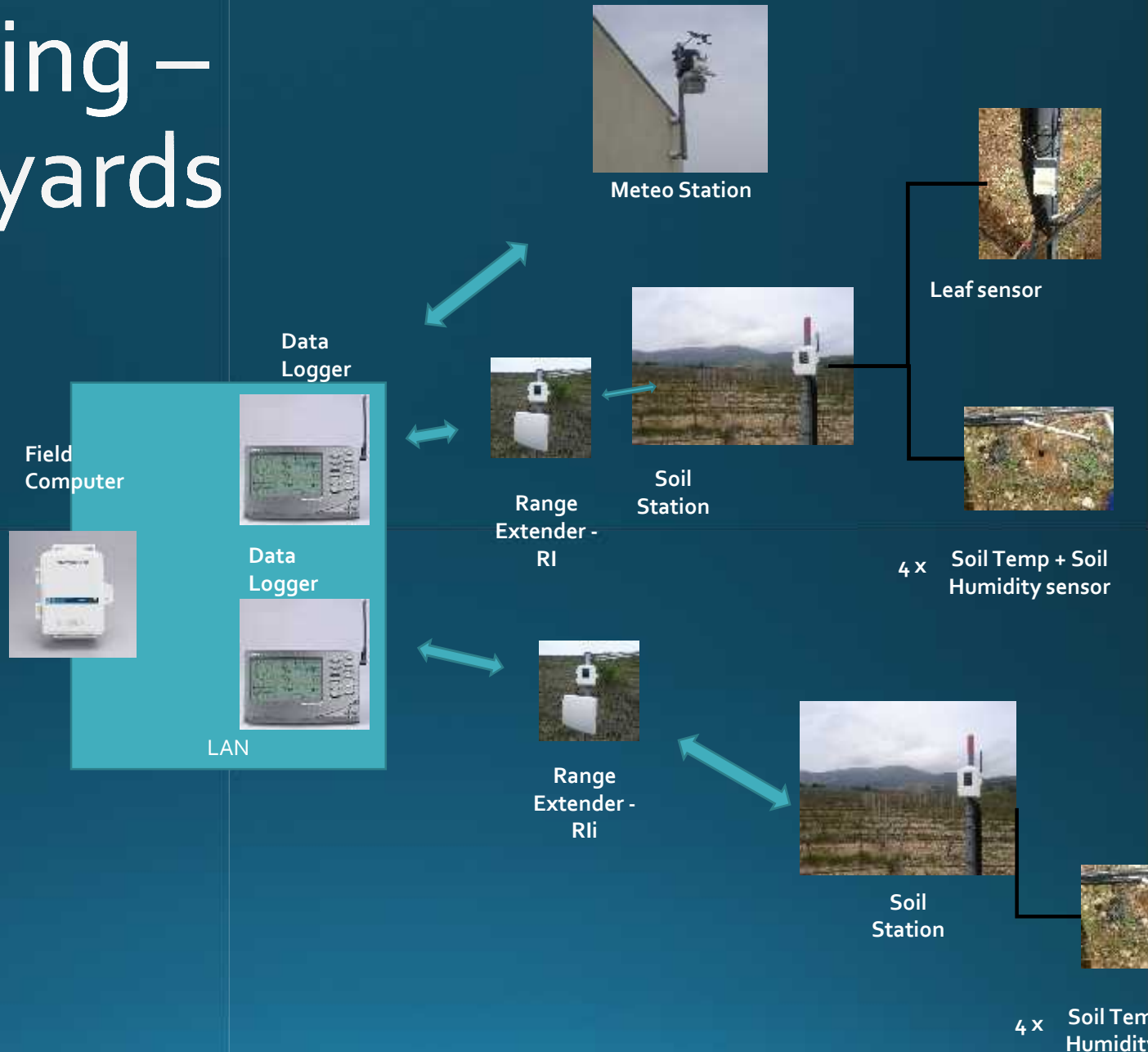


Telesto IoT Applications

Sustainable growth

Precision Farming – Παυλίδης Vineyards

- Precision Viticulture:
- The goal is to minimize crop fertilizers and **water**

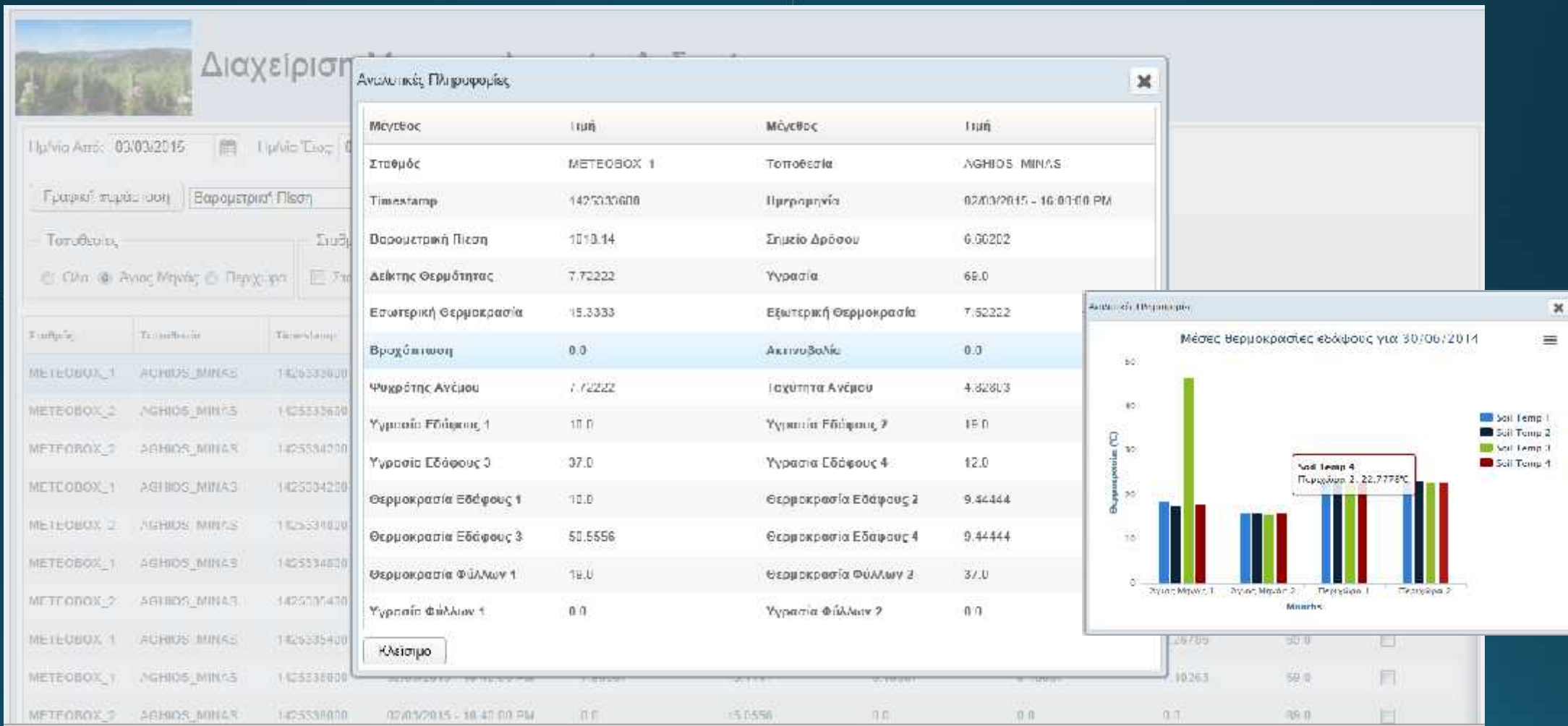


Actual engineering problems

- Soil moisture sensors are put at the same depth as the roots of the plant
 - Cables need to be protected by trimmer vehicles
- Leaf sensors will assess the residual wetness on the leaves
- Range extenders to provide coverage of the farm



Show me the data



Telesto IoT Applications

Smart Cities

Make your citizens happy!

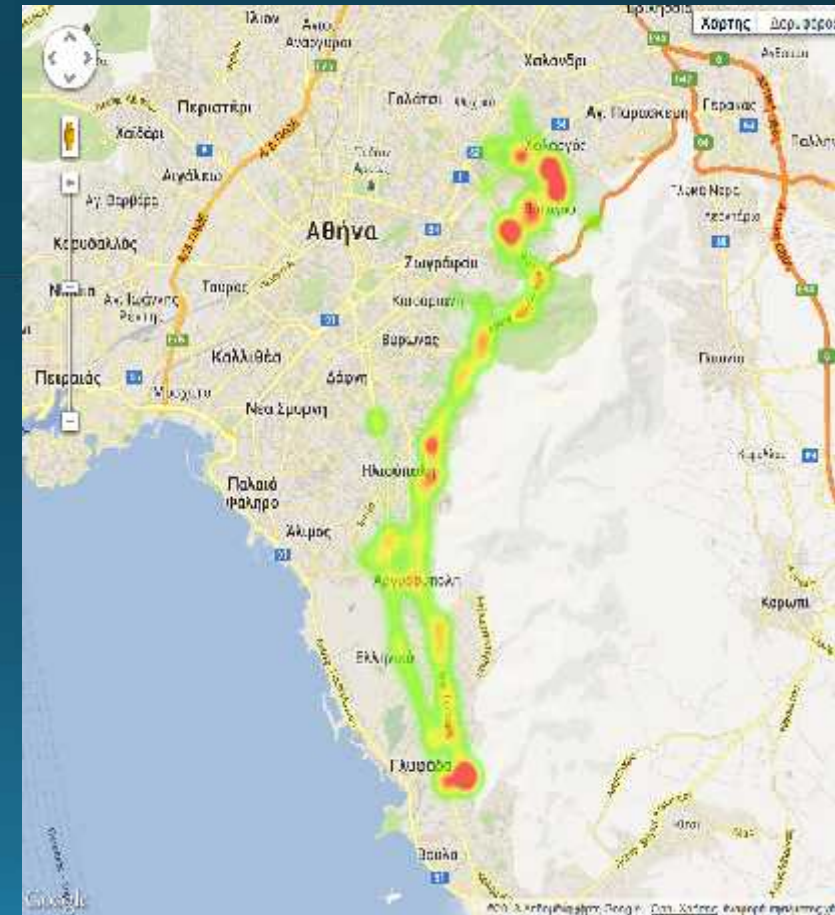
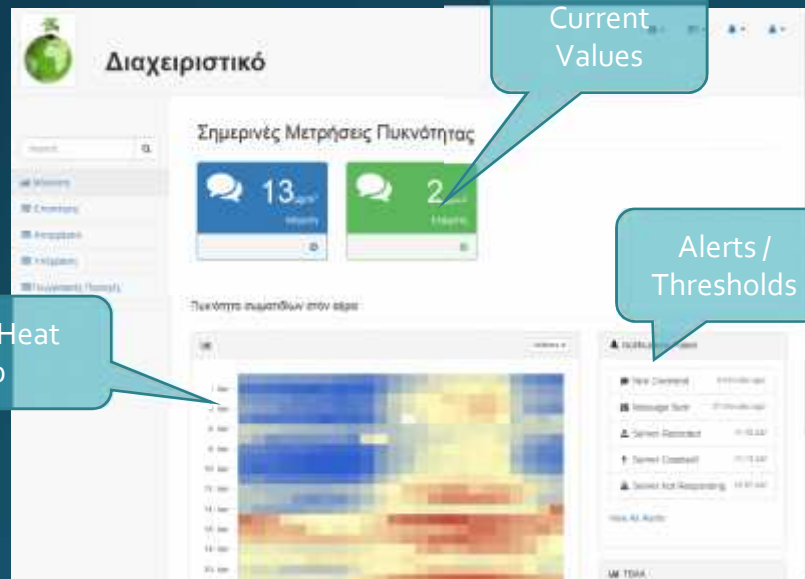
We build city dashboards according to

- **ISO 37120**
- “Indicators for city services and quality of life”



Ask the city!

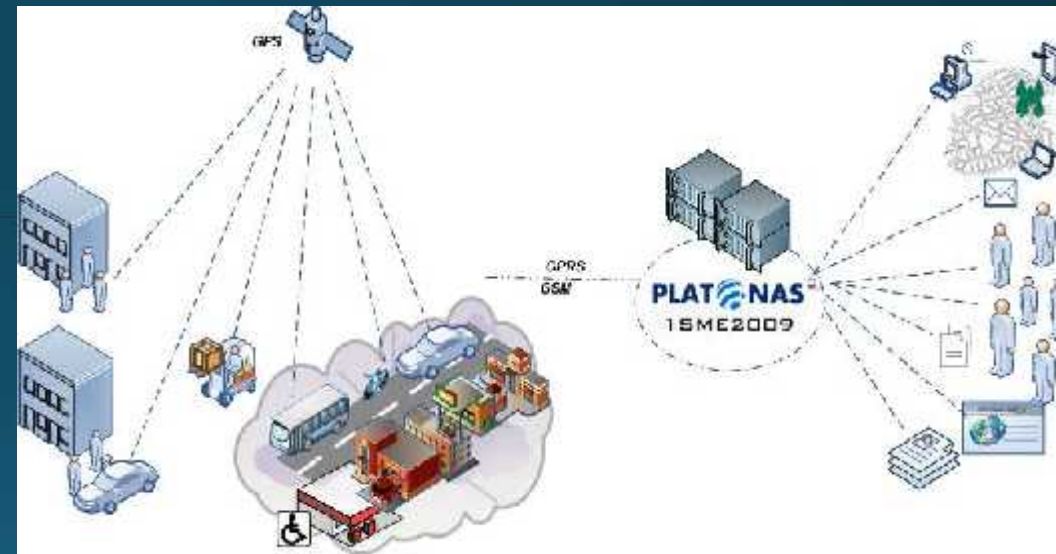
- Where does the majority of our cargo come from?
- How many days last month did the particles concentration exceed limits?



Ask the city – Multimodal Transport

A combined scenario:

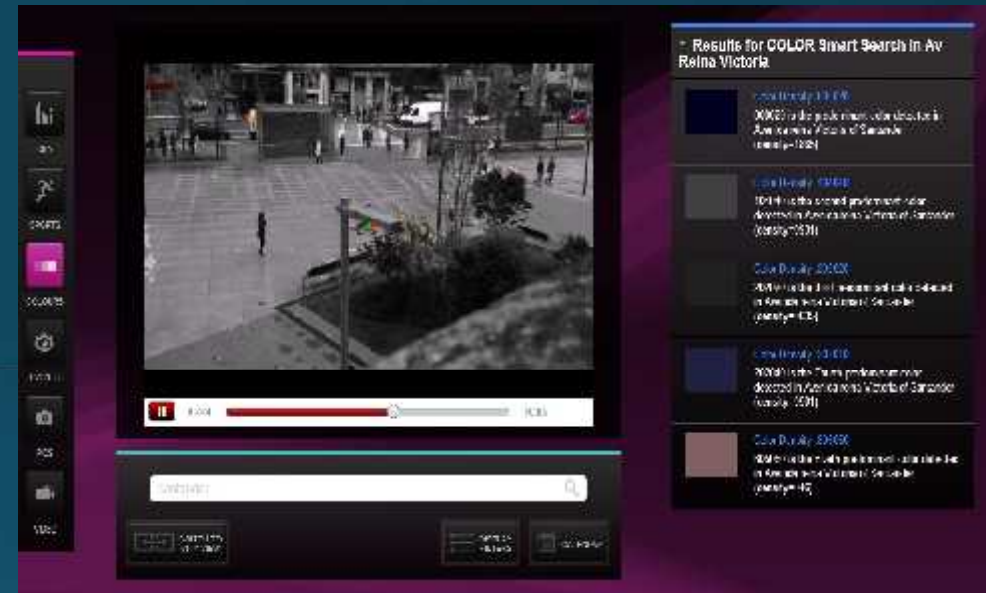
1. At what time do I need to leave the center of the city **by car**, to make it on time for the 12:20 train?
2. Where do I get a chance to **park** nearby **then**?
3. I am a frequent bike user: Is there a **bike** available at my destination? Please reserve a bike for me **1hr before**!



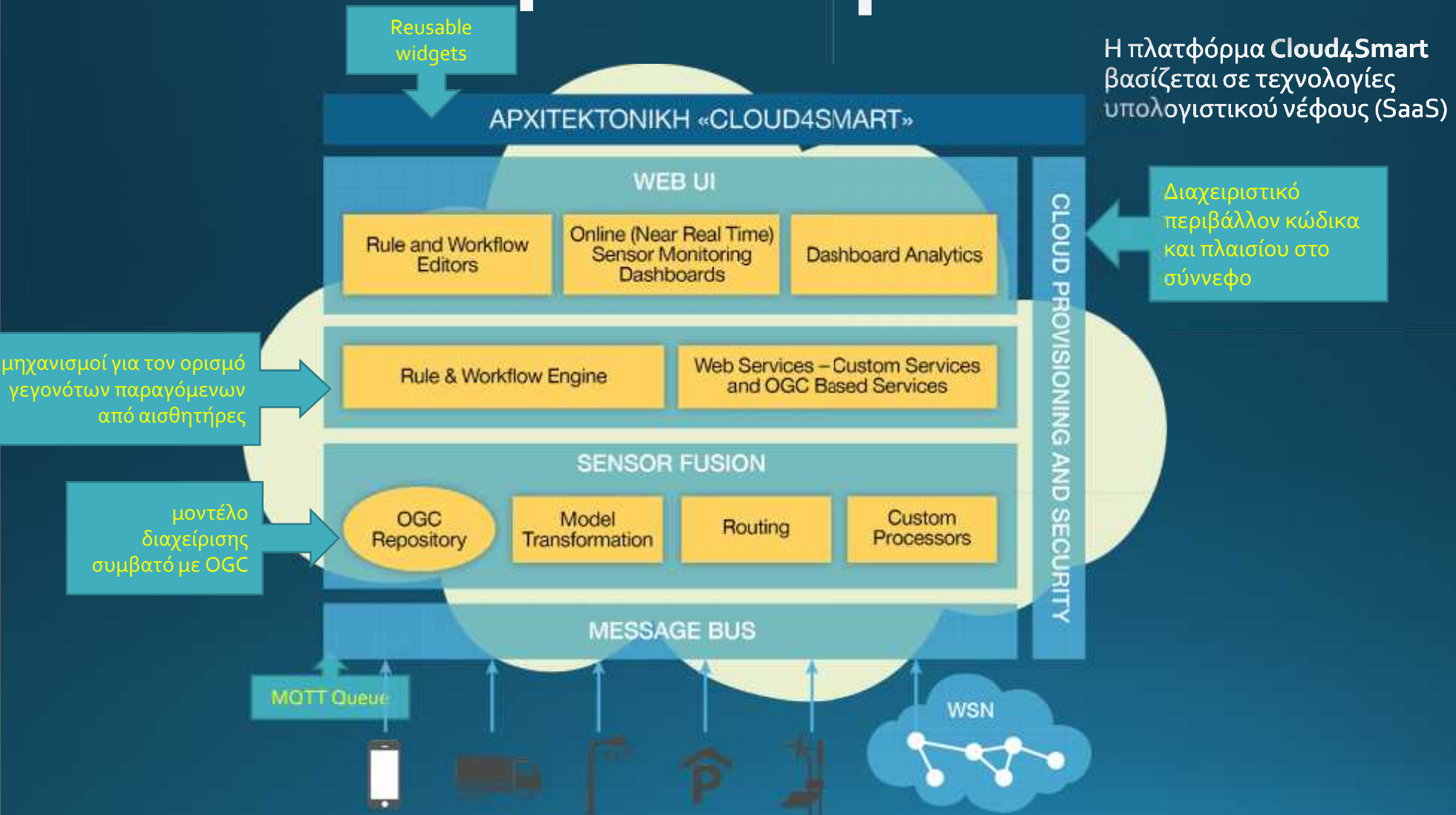
Attract tourism – real time

Use computer vision, audio analysis and social analytics to offer highly dynamic content:

- SHOW me where are the busiest sites in our city NOW? (crowd density analysis)
- WHERE are the Barcelona fans mostly located NOW? (color analysis)

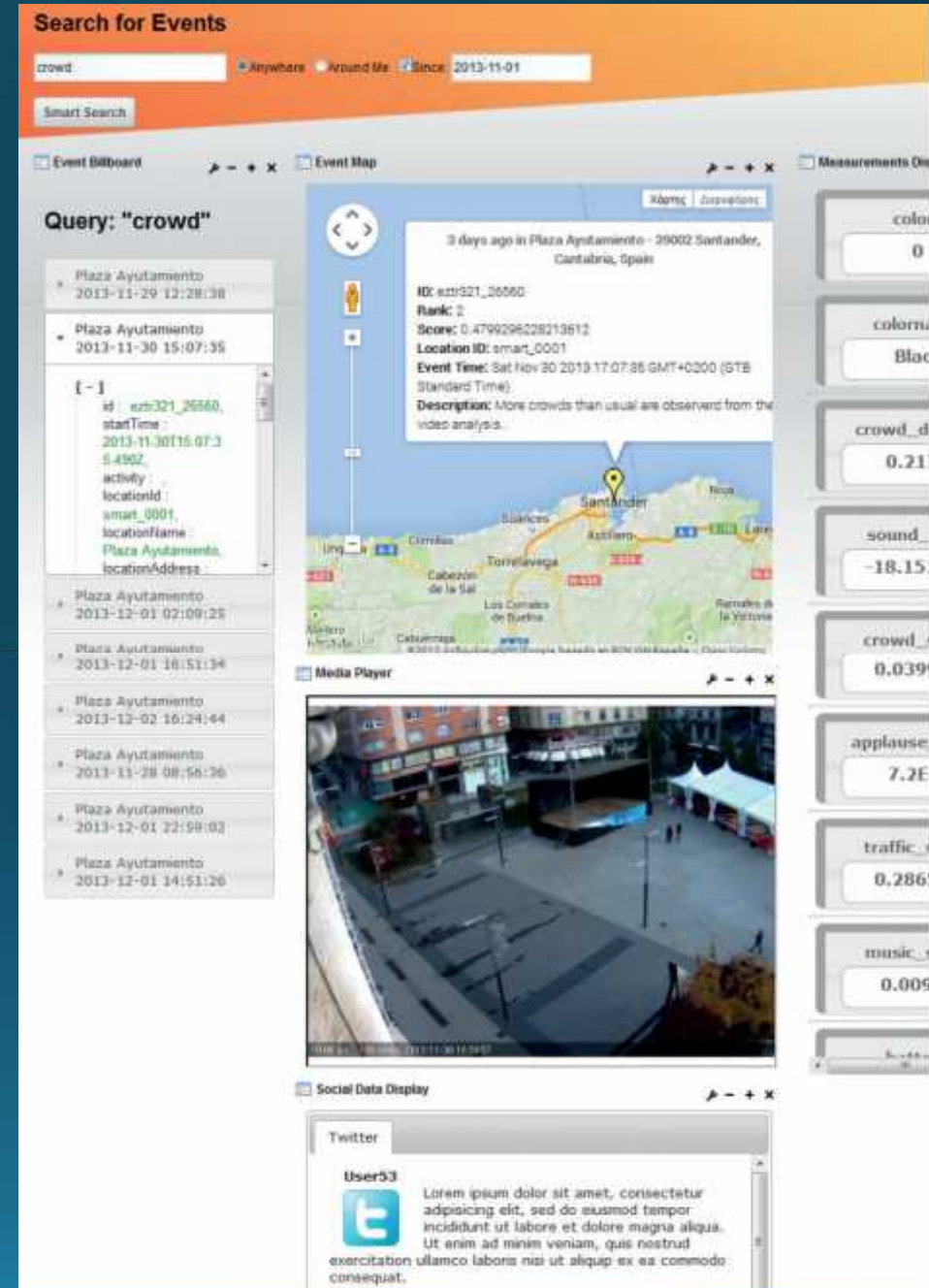


The Cloud4Smart platform



Build your own City App!

The platform may be offered as a collection of Web2.0 mash up components (widgets) that may be incorporated in any third party solution



About Us



- Telesto is an innovation-driven SME
- Coordinates and Participates in EU and GR Research Projects
- We develop advanced solutions for the emerging IoT ecosystem

Thank you for your attention

Dimitris Drakoulis, Dr-Ing