INDOOR LOCALIZATION TECHNOLOGY & EXPERTISE

POSITIONING ➤ TRACKING ➤ NAVIGATION

nextome

Nextome is a software and IoT Technology company specialized in indoor location platforms and Real Time Locating Systems

What we do, our solutions for different industries

Manufacturing & Industry 4.0

Smart Building & Office

Retail & Hospitality

Healthcare

NAVIGATION

POSITIONING

ASSET TRACKING

Smart city
(Station, Metro Station, Airport, Security services)

Cross Modal and Public Transportation
Meet the challenges of Sustainable & Intelligent Transportation Systems

RTLS thanks to their ability to collect location based Real-time data are at the **heart** of **Intelligent transport systems** helping operators to better **meet passengers' demand** providing a more sustainable and **smoother travel experience**.

▶ **Adjust service** based on **real time demand** (enhance traffic management)

▶ **Enhance security** by real time congestion monitoring

▶ **Offer** customized **smart ticketing** solutions based on passenger real utilization (seamless check in-check out)

▶ **Optimize** Cross-modal and **reduce bottlenecks** by incentivize underutilized modes

Main applications for the Public Transportation

Effortless Ticketing

- A real **Effortless Ticketing** system which does not require the users to take any actions, except for starting an app in their smartphone.

- It would **automatically identify** the vehicle boarded by the passenger (Be In/Be Out, or BIBO, modality), and charge the correct fare.

- Users would **not need to input information** such as their itinerary or the specific bus or train line they are going to use.
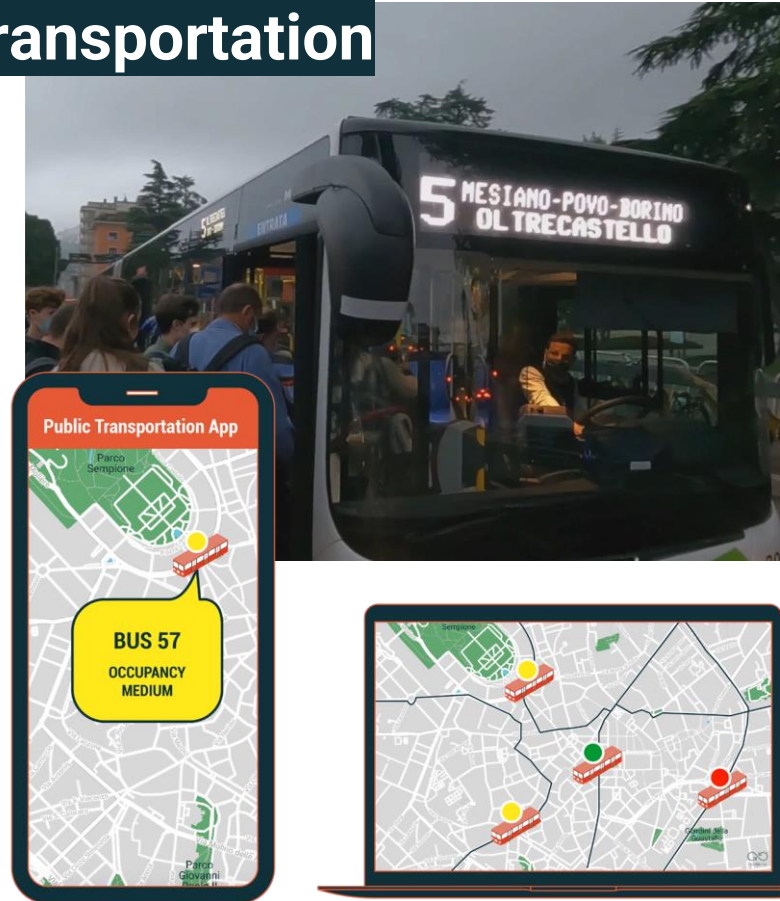
Main applications for the Public Transportation

Crowd Control

- **The same Architecture** that enables effortless ticketing can be used to assessing and **track the distribution of passengers in a vehicle**. Crowd monitoring has received increased attention for safety reasons due to covid 19 and it is not expected to decrease as travellers are looking for always safer travel experiences.

- **Passengers can choose**, based on this information, whether to board the upcoming vehicle, or, if they determine that the vehicle is too crowded for **their comfort level**, wait for the next one

- Public **transport companies** can **adjust service** based on **real time demand** (i.e. in case of events or during peak times)

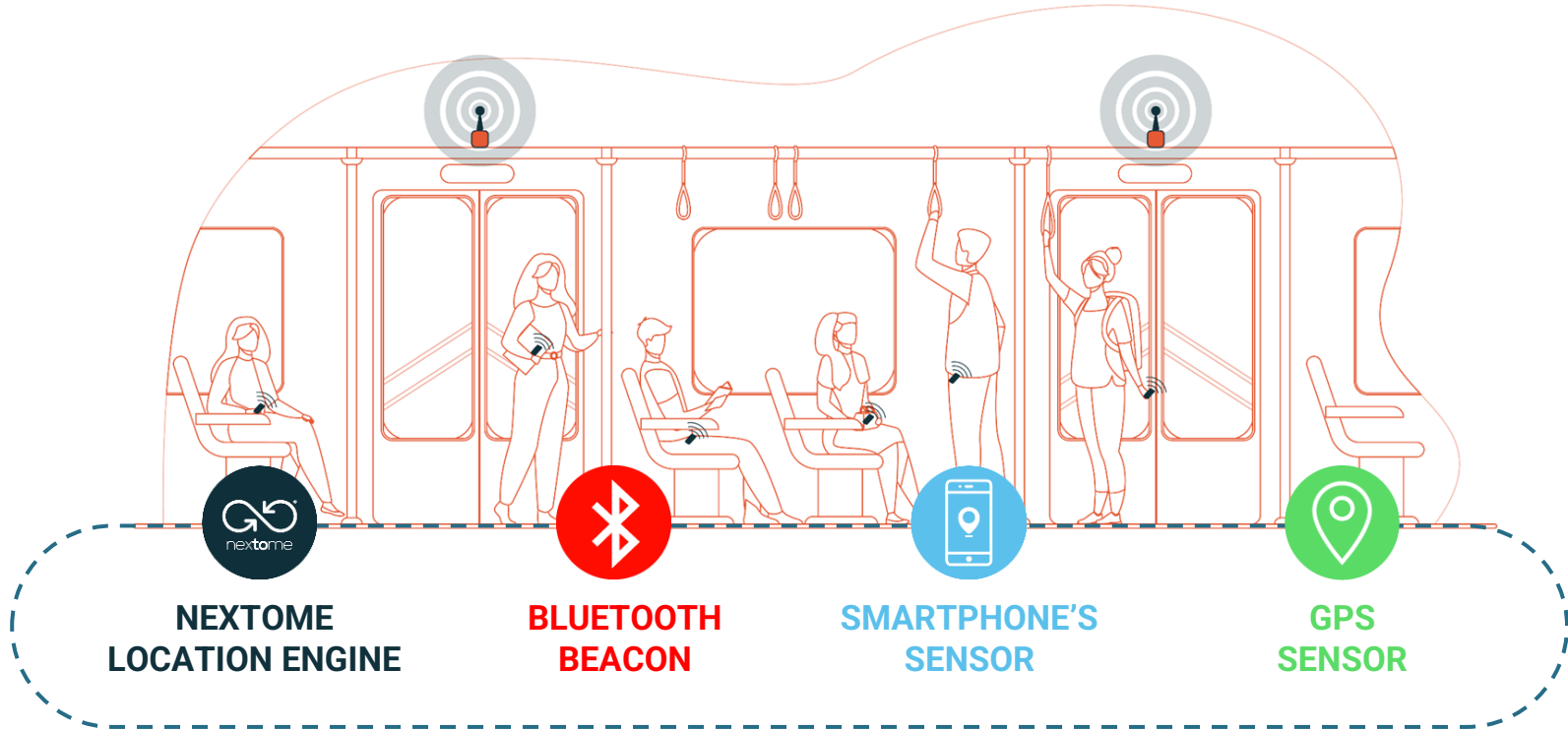# Main applications for the Public Transportation

Fleet Management

Fleet management is essential for a reliable and well planned public transport!

The support of a fleet management platform offers:

- **Enhanced supervision**

- **Optimized management** of the vehicle fleets

- **Correct scheduling** of route timetable

- **Provision of clear information** to the passengers about **ETA** (Estimated Time of Arrival) for a **better** travel **experience.**

Our Solution for the Public Transportation Architecture

NEXTOME LOCATION ENGINE

BLUETOOTH BEACON

SMARTPHONE'S SENSOR

GPS SENSOR

Contacts

E-MAIL: info@nextome.net
PHONE: +39 080 880 69 15

Nextome SRL
Via S. Francesco, 31
70014, Conversano
ITALY

Fabio Ostuni
f.ostuni@nextome.net
www.nextome.net