

# SUCCESS STORY

## People access control Geoloc'assist secures general hospitals

### THE CLIENT NEEDS

- Control accesses on the site to ensure the patients safety
- Alert the medical team of any patient bypassing in non-authorized areas
- Keep a record of alerts

### THE ADVANTAGES

- Low installation cost
- Precision below 1 meter
- Long battery life
- Compact, waterproof and sturdy beacons
- Beacons 100% autonomous

### THE RESULTS

- More autonomy for the patients
- The security reinforced
- Faster intervention in case of an unauthorized exit

## ELA Innovation and Geoloc'assist ensure patients safety in general hospitals

ELA Innovation and Geoloc'assist ensure patients **safety in a general hospital** thanks to their people access control solution. This solution is based on the active **RFID DOT technology**.

As designer and manufacturer of beacons and sensors, ELA Innovation deployed this solution in various sites. It allows to **detect, localize and intercept** if necessary, patients going into restricted areas.

### THE PLAYERS OF THE PROJECT



Beacons  
manufacturer



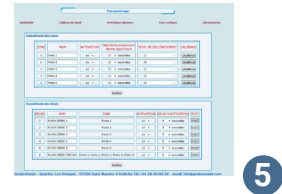
Integrator - Installer

« **We are safe, and it reassures the families and the caregivers** »

Head of department nurse – Hospital in France

## THE EQUIPMENT

- PUCK DOT : **Active RFID Tag**<sup>1</sup>
- 8 Activators and 8 antennas LF <sup>2</sup>
- 4 readers <sup>3</sup>
- Siren / flash lamp <sup>4</sup>
- 2 relay controls 8 outputs
- Access control software <sup>5</sup>



## THE OPERATING MODE

The active RFID tags are worn by each patient. Using the technology **DOT** radio new generation, this solution allows an **optimal operating mode thanks to an extremely precise detection: less than 50 cm.**

**This industrial and sturdy device** allows to detect in real time any person in restricted areas. When a patient reaches a door, he does not have the habilitation to cross, it does not open. If the door was left open inadvertently, the medical team receives an alert through a vocal notification detailing the patients name and the door number. A flash and a siren are then activated.



For 20 years, ELA Innovation designs and manufactures beacons, tags and industrial sensors 100% autonomous. Based on wireless communication technologies, Bluetooth Low Energy, Active RFID and LoRa, these sturdy and compact products answer numerous industrial needs such as: indoor and outdoor people and assets localization, automatic inventory, access control or the temperature monitoring in refrigerated trucks.