

CALLVISION®

Seconds **Save Lives**

CALLVISION STAFF TRACKING SYSTEM

The Staff Tracking System provides both the tracking of the staff in terms of location and the emergency calls that the staff can start. The system works based on wireless communication.

CALLVISION Smart Badge has a portable wearable hardware developed for this function and actively sends location signals to the CALLVISION RF Location Scanner. At the same time, staff can start emergency calls with the buttons on the device.

The device has batteries and works wireless. It can be charged with microUSB cable. If the battery is low or there is an emergency call, the LED on the device blinks in different colours.

CALLVISION RF Location Scanner, which are installed to the infrastructure of the facility receives the location signals from CALLVISION Smart Badge and sends them to the C4S software system.

The received location data and emergency calls are processed in C4S system. The operator can observe the instant or weekly/monthly movements of the staffs.

In addition to that, Blue Code, White Code and Pink Code emergency calls can be started by the buttons on the CALLVISION Smart Badge.

When an emergency call is initiated, this call and location information is sent to the relevant units immediately. In addition, the system directs the security units to the side of the chase, if there is a chase after the staff starts the White Call. (White call means the staff is facing violence).

SYSTEM UNITS

- CALLVISION Smart Badge
- CALLVISION RF Location Scanner
- C4S Software – Command, Control, Communication and Code System

1. CALLVISION Smart Badge

The CALLVISION Smart Badge is a battery powered device designed for employees to wear, transmitting location data via wireless communication and initiating an emergency call with the emergency code buttons on it. The device can be charged easily with micro USB cable. On the front of the badge, there is an area where the staff can place their company ID card and there is a LED that indicates the started codes or charging status.

On the rear side of the badge, there are 3 different customizable buttons. These buttons can be set as "Blue Code - White Code - Code Cancel" or "Pink Code - White Code - Code Cancel" for healthcare staff. With these buttons, the healthcare staff starts the emergency call by pressing just one button.

CALLVISION directs the related units to the relevant place, as its location is monitored instantly by the system.



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2. CALLVISION RF Location Scanner

CALLVISION RF Location Scanner products transmit the data they receive from the devices in the field to the system with wireless communication. RF Location Scanners are an essential part of wireless tracking systems and work like a base station. These devices receive the encrypted signals coming from CALLVISION devices (Smart Badge, Asset Tracking Active Tag, Mother-Baby Bracelet and Patient Bracelet) that generate active datas, process them and transmit them to the center. CALLVISION RF Location Scanners are installed to the infrastructure of the facility.

They are placed on the ceilings to cover the entire area in line with its range. They communicate wirelessly with both tracking devices and each other and send all data to the system by a single device with an ethernet connection.

3. C4S – Command, Control, Communication and Code System

C4S Command, Control, Communication and Code System is a code system in which CALLVISION products are commanded and controlled and responsible for the communication of some products with each other. System users can access the entire system and devices via C4S. There are 5 different main systems in C4S, these are Active Tracking, Passive Inventory Tracking, Medical Gas Monitoring, Medical Isolated Power Panel Monitoring and Management pages. With the active tracking system, instant locations and past movement reports of all RFID tracking devices in the field can be observed. In addition, they can make adjustments on these devices and create location-based rules (eg, the ultrasound device should not leave the radiology department). C4S can work as web-based or cloud-based. So, it is possible to use the system on computer or mobile device.



Callvision RF Location Scanner

Callvision Smart Badge