Safety Management System for Emergency Rescue

Safety is a condition of continuously finding possible harmful factors and controlling them, in order to minimize the danger to assets or individuals!

When do you need monitoring for worker's safety?

There are so many workers are in danger of special environment of working place. But unfortunately, when a dangerous situation occurs, it's hard to even figure out who was there.

Benefits of real-time monitoring worker position

- Emergency Evacuation Drill/Training
- Workers Close Observation/Scrutiny
- Securing Golden Time
- Save Budget and Maximize Work Efficiency
- Prevention of Accident (fire, gas leak etc.)
- Real-time rescue to the correct location
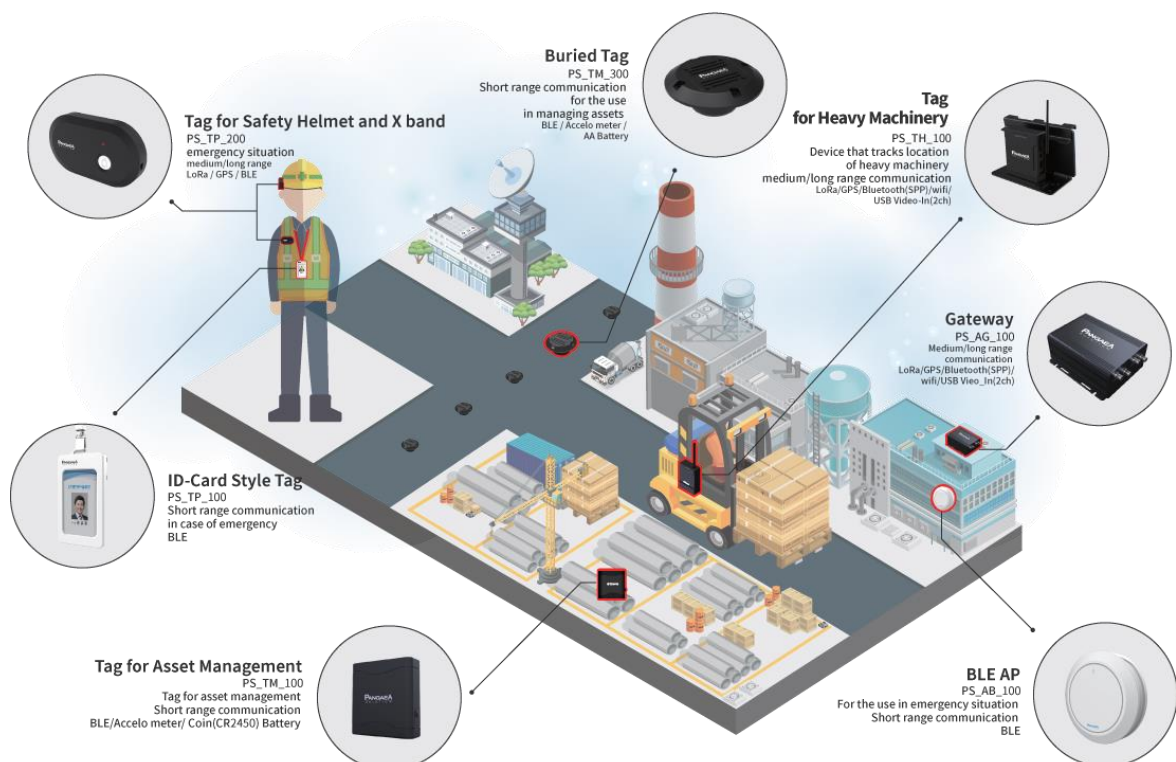
Main applications area:

- Factory / Facilities
- Power Plant
- Prison / Military
- Construction

Cinergy Options:

- With [The Stealth Prison] @Prison
  - Find out illegal usage of cell phones and easily find out who used it.
  - Real-time location monitoring of prisoner for safety and security

System Config:

- BLE Tags for workers and asset
- Environment monitoring Tags
- Bluetooth - LoRa Access Points
- LoRa Gateway
- Monitoring Software & Server
- Mobile App

Tag for Safety Helmet and X band
PS_TP_200
emergency situation
medium/long range
LoRa / GPS / BLE

Buried Tag
PS_TM_300
Short range communication
for the use
in managing assets
BLE / Accelo meter /
AA Battery

Tag for Heavy Machinery
PS_TH_100
Device that tracks location
of heavy machinery
medium/long range communication
LoRa/GPS/Bluetooth(SPP)/wifi/
USB Video-In(2ch)

Gateway
PS_AG_100
Medium/long range
communication
LoRa/GPS/Bluetooth(SPP)/
wifi/USB Vieo_In(2ch)

ID-Card Style Tag
PS_TP_100
Short range communication
in case of emergency
BLE

Tag for Asset Management
PS_TM_100
Tag for asset management
Short range communication
BLE/Accelo meter/ Coin(CR2450) Battery

BLE AP
PS_AB_100
For the use in emergency situation
Short range communication
BLE

References in Korea:

- SK Hynix
- DOOSAN Heavy Industrial