

***World Class
Real Time Location & Smart Sensing
Solution Leader***

Security on Data Center
on People's location

Antonio Hong (COO)
sphong@pntbiz.com
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LG Display Factory

Similar USE CASE but Workers Safety

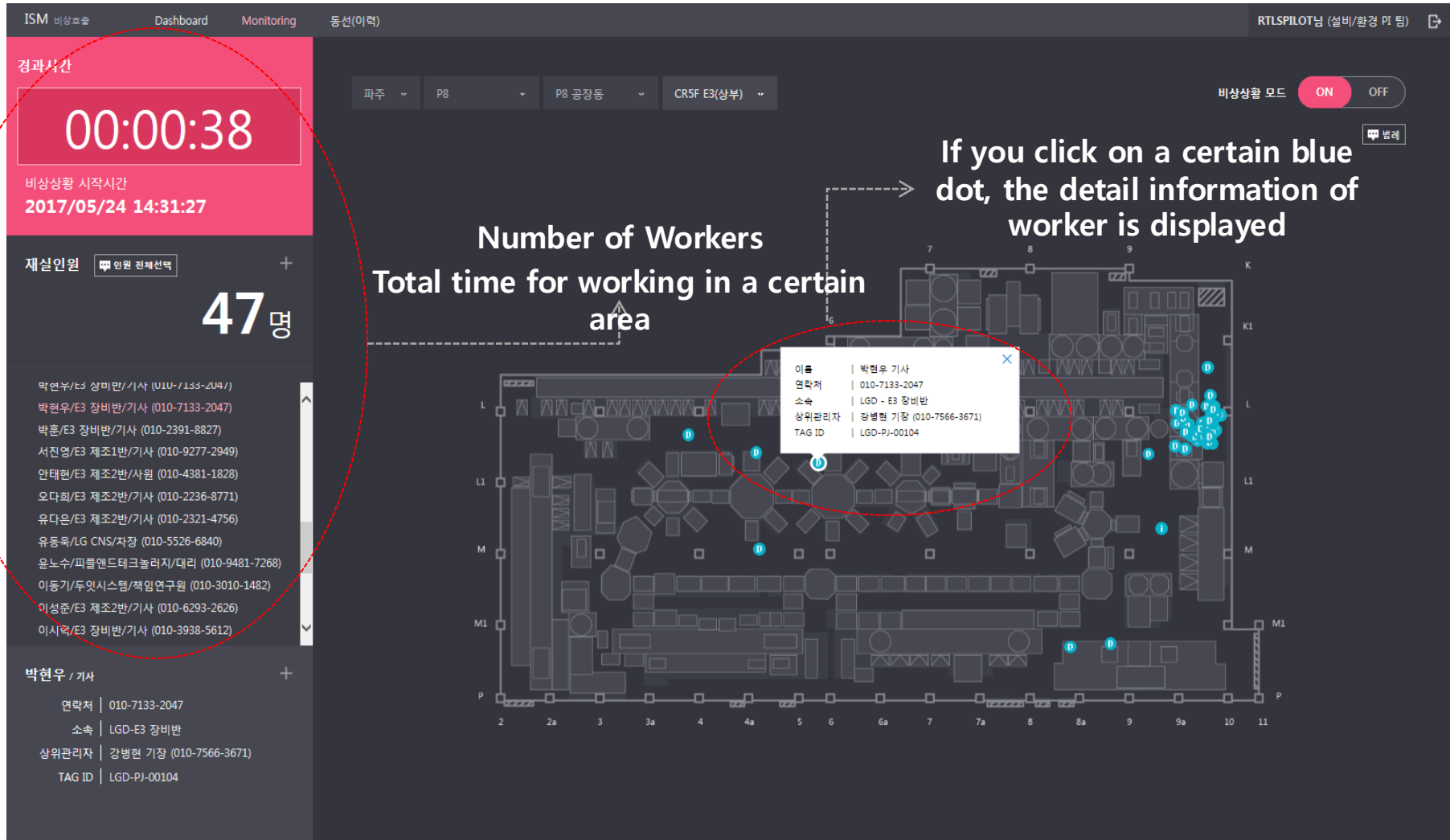
In 2015, 2 workers died and 4 workers seriously injured due to NO (Nitric Oxide) gas emission. 30M USD loss due to production line was stopped for investigation

- Very few workers in wide area due to high factory automation
- Cannot send the rescue team because no one knows where they are



If you knew worker's location ...

you could have rescued them within the Golden Time ...

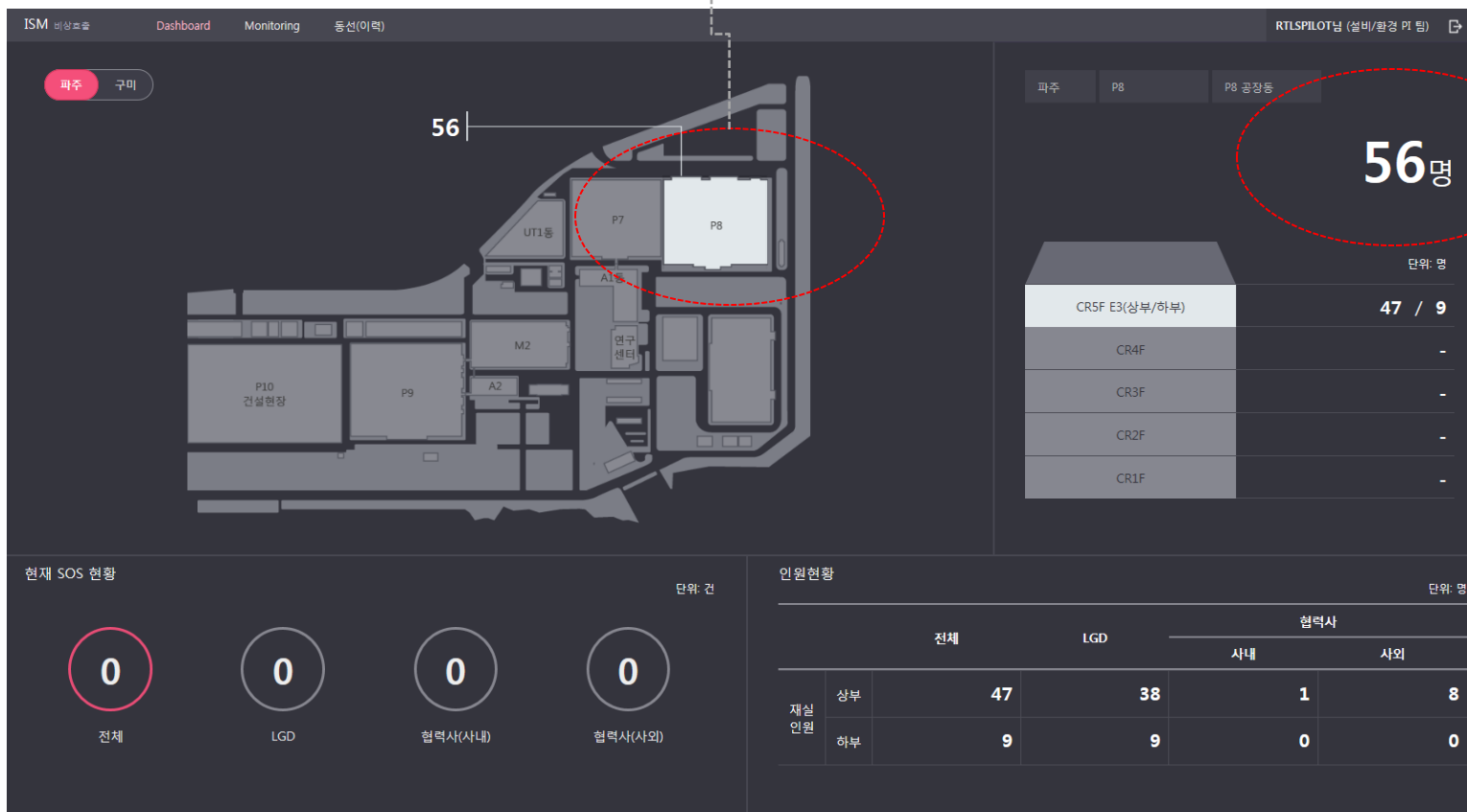


Virtual Geofence View

LG Display

Virtual Geofence Area

Total number of people in a certain location is displayed



Turn Key - Quick deployment

Package Solution

System up and run in ~~★~~ 24 hours after installation.

WEARABLE
DEVICE | HANVIT SI D



BLE TAG

- Coin battery [640mA]
- SOS button
- Gyro/Accelerometer Sensor
- RTC
- Buzzer



BLE Scanner

- BLE 4.0 Supports
- Simultaneous 200 scanning / sec
- POE support



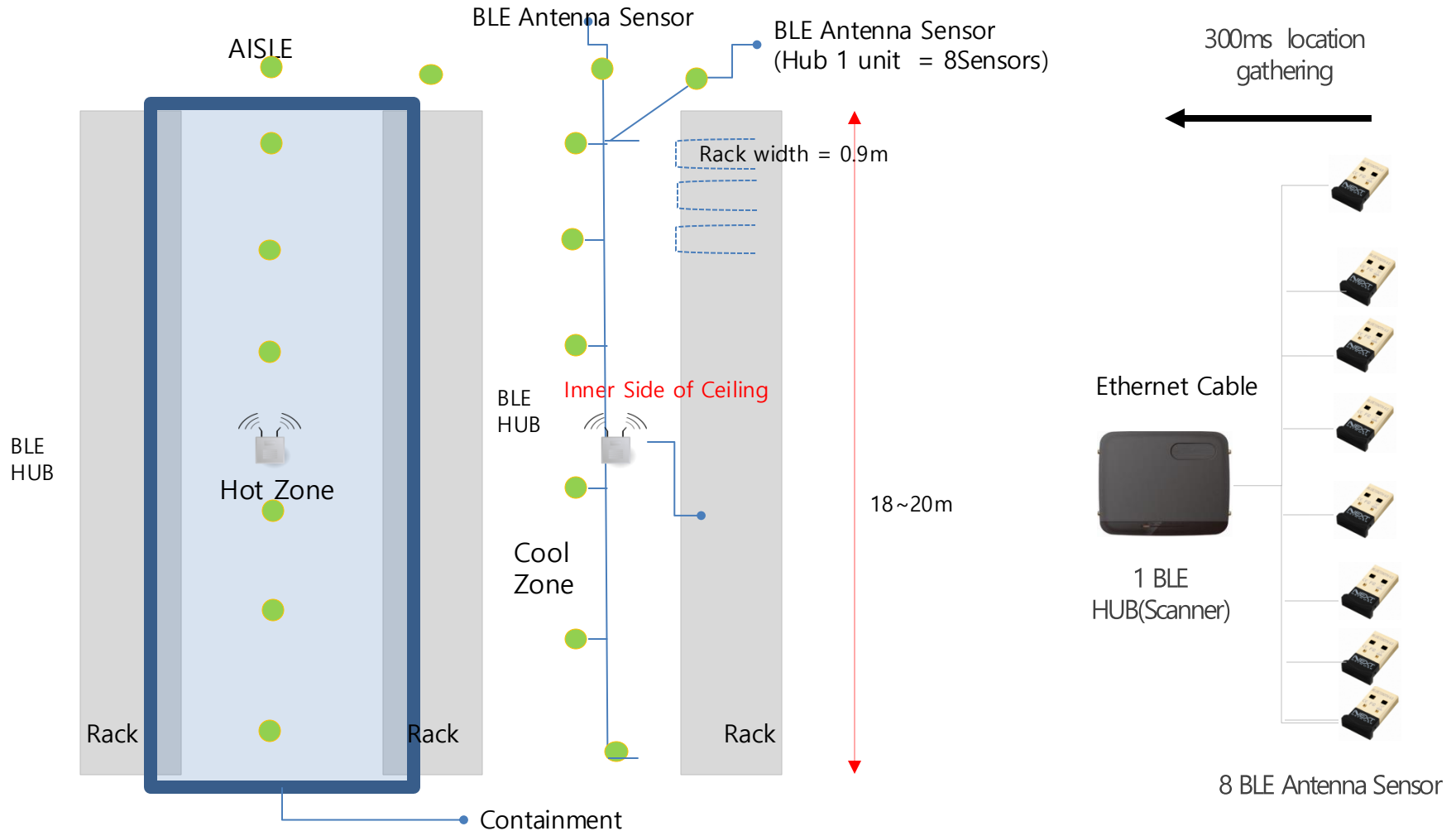
IndoorPlus+ RTLS Server SW

- Location and sensing
- Dashboard
- Alarm and recording

HOW

Cell Planning

BLE Hub (1) - BLE Antenna Sensor through Ethernet cable (8) is deployed in one Server Rack line



HOW

BLE HUB

IndoorPlus⁺ INSIDE



Up to 100~150m through UTP Cable (Cat 5 or 6)

1 Hub to MAX 8 Lightweight Scanners with different types

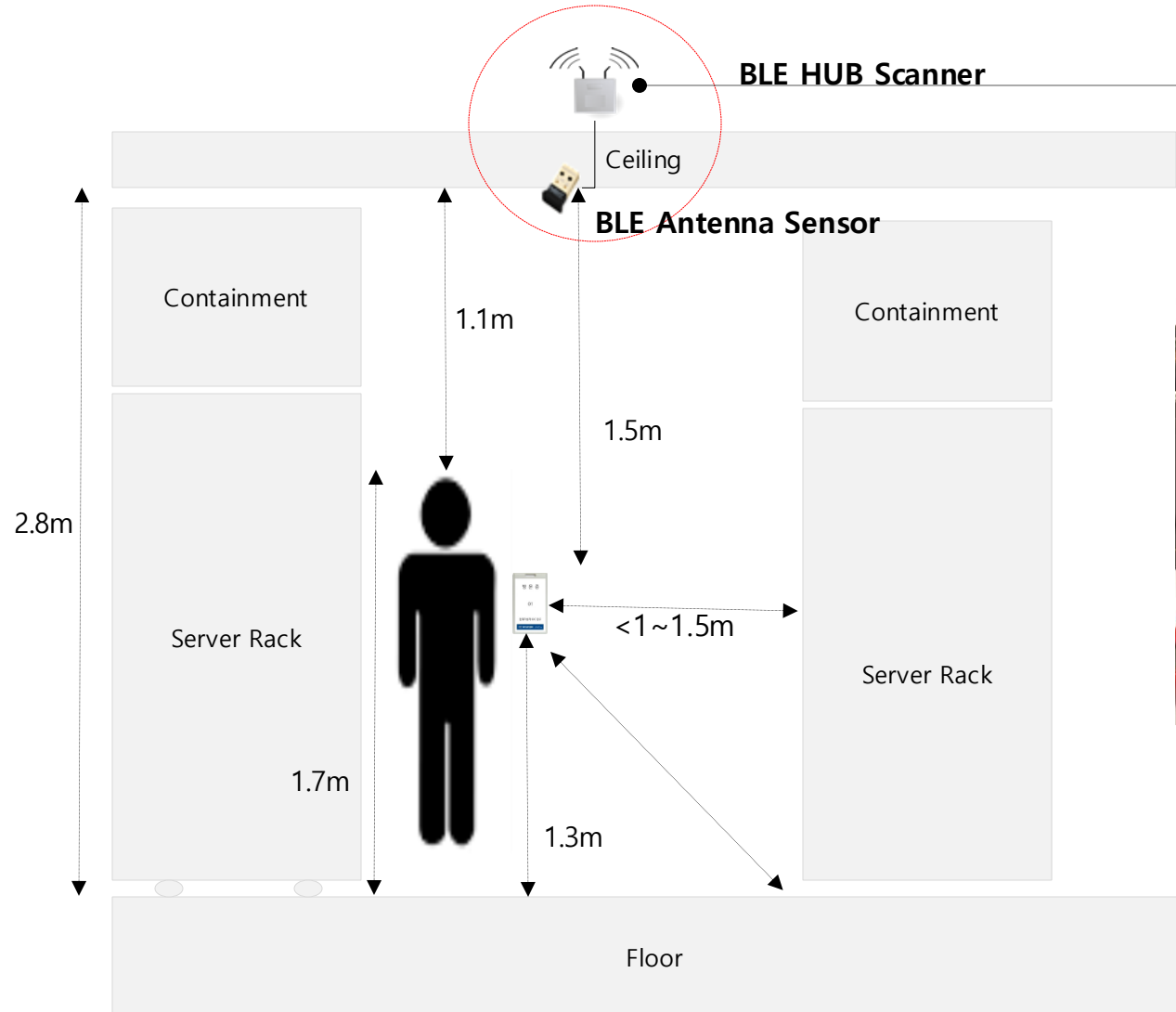


Ethernet to USB Adaptor



Height for BLE Tags

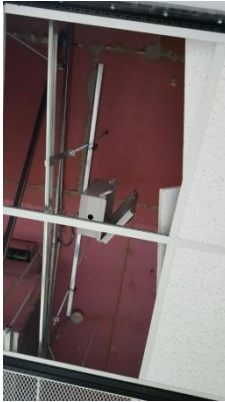
Each member will wear a BLE tag as it works as a pass tag



It is a real picture

Deployment Picture

Real Picture after deployment



BLE Hub is located inner side of ceiling

After deployment



Red Circle is BLE Antenna Sensor

The partition is divided by each containment

