



주식회사 더블티

# DoubIT Co.Ltd.,

Software Development

Platform Development

System management

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# Physical Security SI Business

○ Concept of Physical security



Generation	Concept	Services	Competitives	Saturation
<b>1 st Gen</b>	<b>Asset security</b> <input type="checkbox"/> Focused on Physical Estates <input type="checkbox"/> Only concerns about "Accesibility"	<input type="checkbox"/> Dispatch Service	 	<b>Over Saturated</b>
<b>2 nd Gen</b>	<b>Entrance Managing</b> <input type="checkbox"/> Focused on Access control for spaces <input type="checkbox"/> Concerns about "Authority"	<input type="checkbox"/> Entrance Managing		
<b>3 rd Gen</b>	<b>데이터 관제</b> <input type="checkbox"/> Analyze data and make meaningful informations. <input type="checkbox"/> Concerns about "Prediction and Avoidance"	<input type="checkbox"/> Location Tracking System <input type="checkbox"/> AI-based pattern analysis	None	<b>New Biz</b>

As-Is

Concent : Asset Security / Authority

Concerns about "SECURITY"

Focusing on "Agile action for Security Accidents"



To-Be

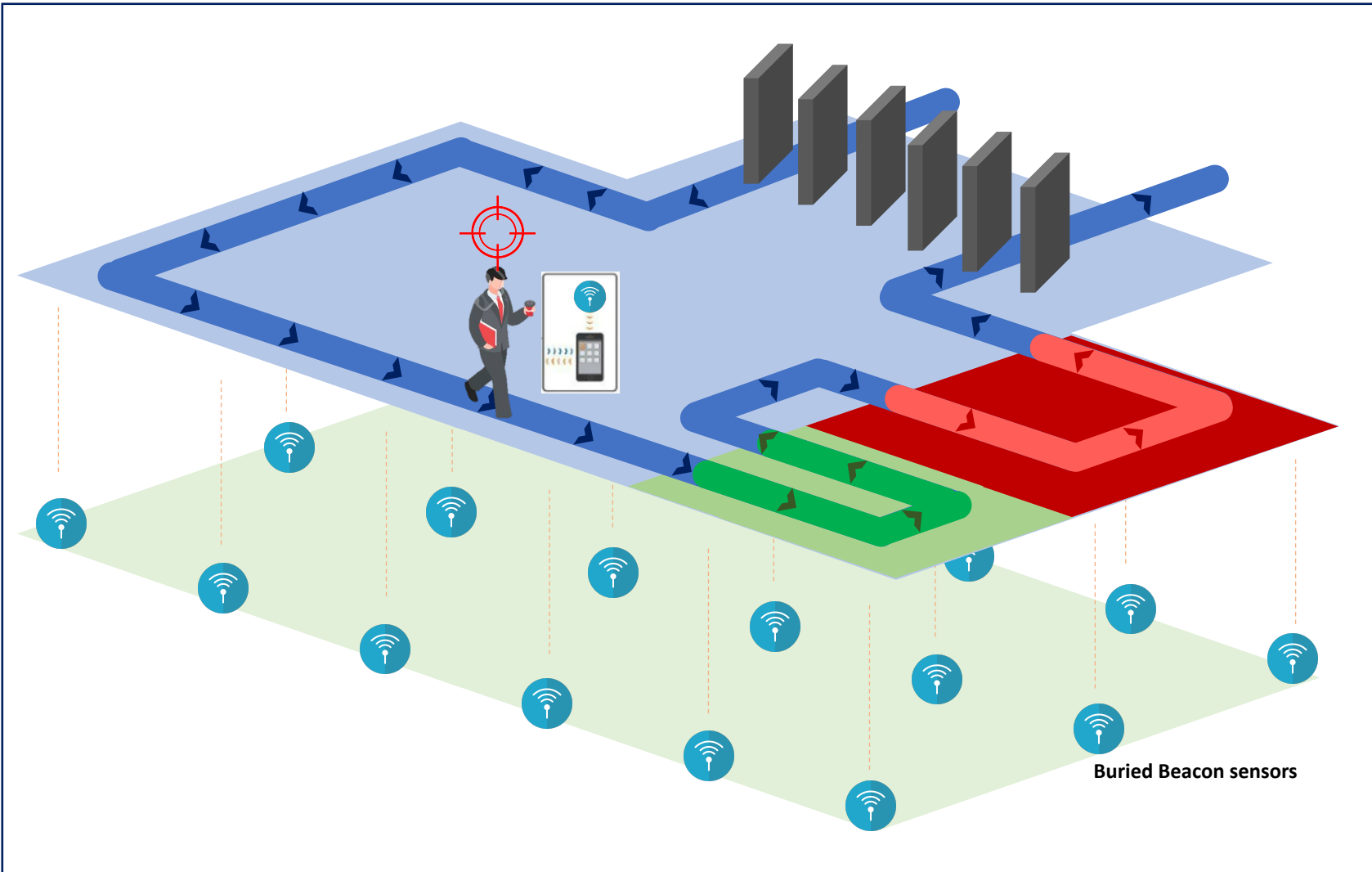
Concept : Prediction / Avoidance

Concerns about Predicting Security Accidents

AI/ML and Big Data is Necessary

# Physical Security SI Business

○ Concept of Physical security



Manager **John Doe**

**Att** 08 : 32

**Leave** 19 : 55

**Seat** 7Hr 37m

**Conference** 0Hr 57m

**Restricted** 1Hr 03m

**Pattern1** 0Hr 00m

**Pattern2** 0Hr 00m

**Pattern n** 0Hr 00m

<Mobile ID Entrance Control & Movement Tracking System>



# Physical Security SI Business

Patent : RFID tagging patterns and it's methods



RFID Tagging patterns and it's methods  
(Patent 10-0854289)

# Physical Security SI Business

Patent : Location based restricting Mobile devices



## Restricting Mobile Devices

- Restrict mobile devices (cf. Cameras, Audios, Etc.,) by location tracing.
- Attachable for Higher security Areas

< Examples of Restricting Mobile Devices on High security Areas >

Location based restricting Mobile Devices  
(Patent 10-2170508)



# Physical Security SI Business

Patent : Processing Noises on beacon and tracing locations

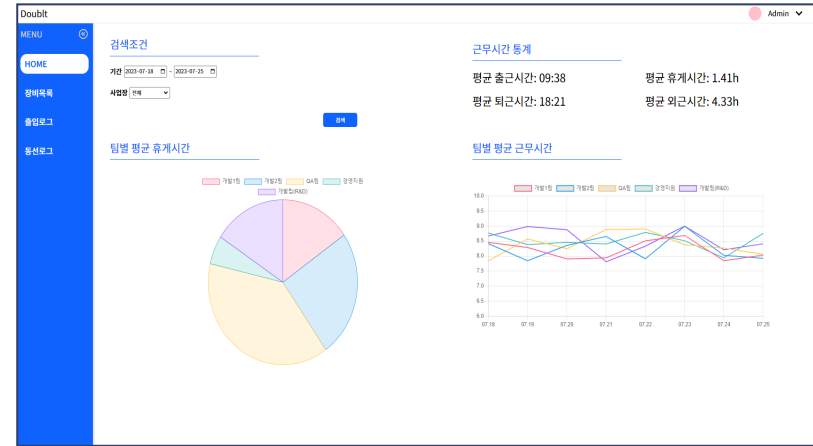


관인생략

## 출원번호통지서

출원일자 2023.07.14  
 특기사항 심사청구(유) 공개신청(무) 참조번호(KE23061)  
 출원번호 10-2023-0092089 (접수번호 1-1-2023-0780449-56)  
 (DAS접근코드B11B)  
 출원인명칭 주식회사 더블티(1-2021-010305-8)  
 대리인성명 윤영진(9-2017-001806-1)  
 발명자성명 김영준 조원희  
 발명의명칭 비콘 그룹에 기반하여 동선을 관리하기 위한 방법, 시스템 및 비밀시성의 컴퓨터 판독 가능한 기록 매체

특 허 청 장



**동선로그**

사번	이동	방번호	방명	방명	방	방명	구분
10001001	출퇴근	5층 대회의실	beacon	대형사무실	5F	2023.07.27 14:42:51	ROUTE
10001002	출퇴근	4층 회의실3	beacon	대형사무실	4F	2023.07.27 14:41:59	ROUTE
10001001	출퇴근	5층 계단	beacon	대형사무실	5F	2023.07.27 14:41:31	ROUTE
10001001	출퇴근	4층 계단	beacon	대형사무실	4F	2023.07.27 14:41:24	ROUTE
10001001	출퇴근	계단실 세면	beacon	대형사무실	3F	2023.07.27 14:39:24	ROUTE
10001001	출퇴근	3층 휴양실	beacon	대형사무실	3F	2023.07.27 14:34:41	ROUTE
10001003	이동	4층 회의실1	beacon	대형사무실	4F	2023.07.27 13:55:20	ROUTE
10001003	이동	3층 계단	beacon	대형사무실	3F	2023.07.27 13:55:00	ROUTE
10001003	이동	계단실	beacon	대형사무실	3F	2023.07.27 13:50:03	ROUTE
10001001	출퇴근	계단실 세면	beacon	대형사무실	3F	2023.07.27 13:49:24	ROUTE
10001001	출퇴근	3층 휴양실	beacon	대형사무실	3F	2023.07.27 13:34:01	ROUTE
10001001	출퇴근	계단실 세면	beacon	대형사무실	3F	2023.07.27 13:36:40	ROUTE
10001001	출퇴근	3층 계단	beacon	대형사무실	3F	2023.07.27 13:36:31	ROUTE
10001005	출퇴근	계단실	beacon	대형사무실	3F	2023.07.27 13:35:44	ROUTE
10001001	출퇴근	2층 계단	beacon	대형사무실	2F	2023.07.27 13:35:14	ROUTE
10001001	출퇴근	1층 입구	beacon	대형사무실	1F	2023.07.27 13:34:51	ROUTE

Processing Noises on beacon and tracing locations  
 (Patent request : 10-2023-0092089)

< Examples of installing beacons and measuring locations >