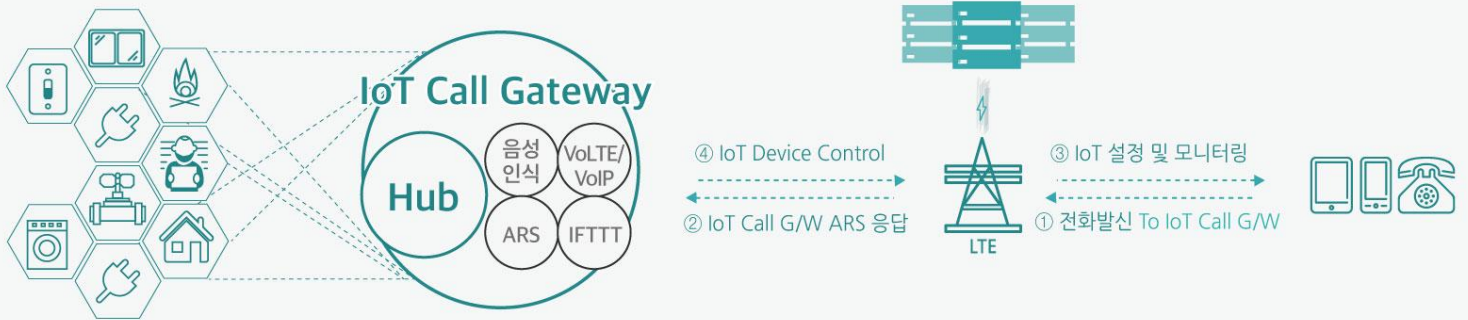


IoT Call Gateway 솔루션 소개

솔루션 개요

- IoT Call Gateway는 다양한 소비자 가전 및 사물인터넷(IoT) 디바이스를 전화를 통해서 쉽게 제어하고 모니터링 할 수 있는 IoT 서비스 플랫폼
- IoT Device 연동을 위한 WiFi, Bluetooth/BLE, Z-Wave, ZigBee 등의 IoT Device Connectivity 제공
- 보안 위협에 대한 방어가 완료된 통신사 VoLTE(VoIP) 인프라를 이용하여 IoT 서비스를 제공



IoT Call Gateway 특 장점

Enables cost-efficient, easy and secured implementation

- Provides various functions like light control(on/off), status check, fire alarm, intrusion detection through telephone network



Strong Security

- No data transmission or storage in Cloud



Support any Phones

- Smart Phone, 2G Phone, PSTN Phone, IP Phone, etc



Interoperability

- Support various IoT Connectivity
- Only registered number is allowed
- PIN CODE verification
- Speaker Recognition

IoT Call G/W	VS	General IoT G/W
Not Need	IoT Application	Need
All Phones	Support Phone	Only Smart Phone
Home or Local Area (IoT Call G/W)	Privacy Data Location	In Cloud
Low Cost No risk of IoT hacking	Security	High Cost Exposed hacking



Cost Saving

- Reuse idle Android Phone or AP, Save additional cost for Gateway and cloud installation



IoT Call Gateway 주요기능

Easy Smart Home Control by Phone

- Provides easy control functions of Smart Home devices by phone

Did I turn off the light?
Did I turn off the gas?

General lighting= Off
Gas Valve=Lock
Power plug=Off
Boiler=Outing

Speed Dial: 1 Voice Control: Away

It's freezing!
I miss my warm home!

General lighting=On
Power plug=On
Boiler=16 degrees Celsius

Speed Dial: 2 Voice Control: Home

Sleepy. Time to Sleep..

General lighting=Brightness(5%)
Gas Valve =Lock
Boiler=20 degrees Celsius

Speed Dial: 3 Voice Control: Sleep

Detail IoT Device Control by Phone

- Provides **Detail control** functions of Smart Home devices by phone
- Home IoT Control by only **authenticated phone number**
- 2nd authentication by **6-digit PIN Code**
- Support **Speed Dial** control



Event Notification by Phone

- Intrusion alarm to the registered telephone number
- Additional SMS notification

