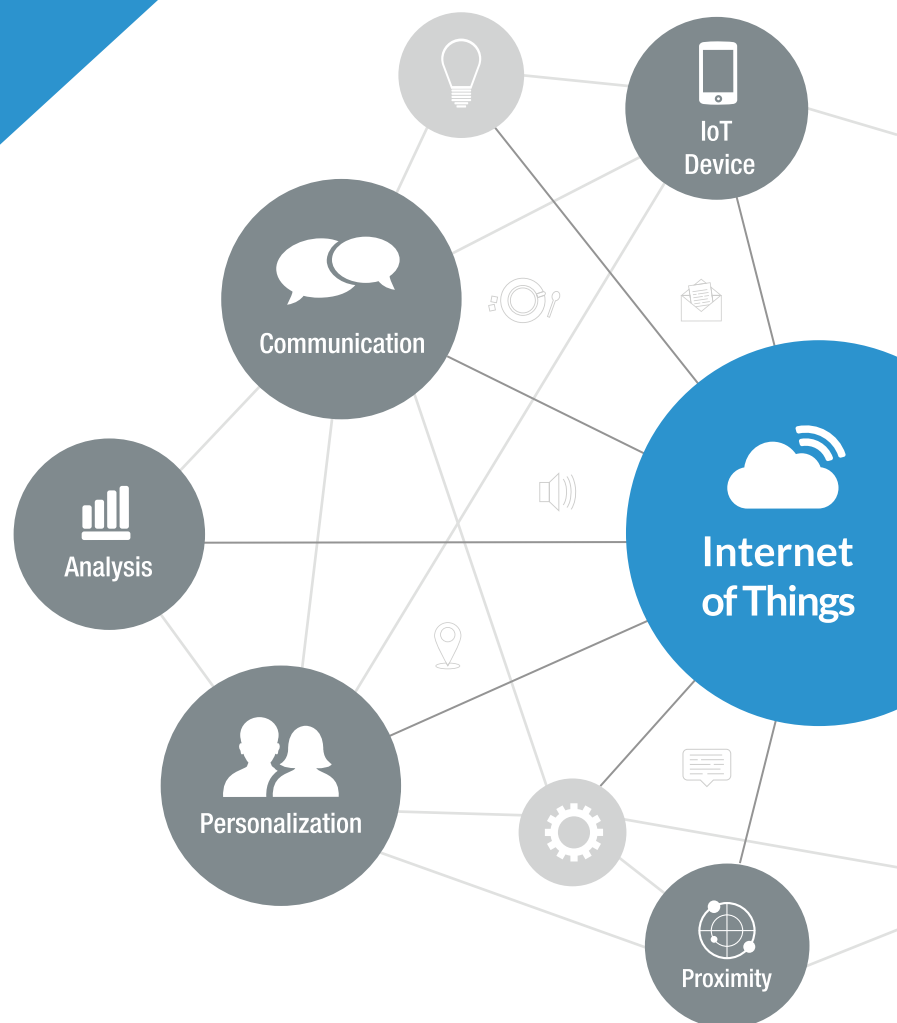
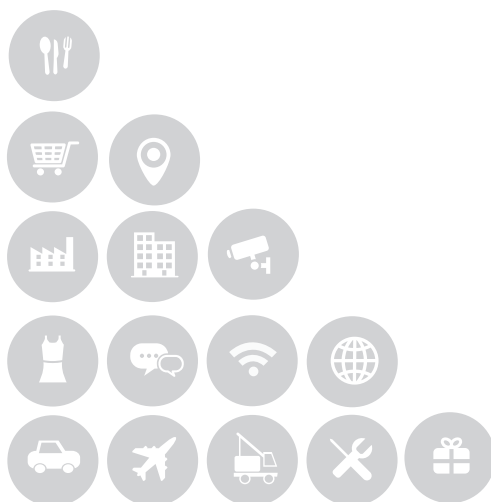


20X Faster Dev.

Only 5 Days You Need
IoT Management Solution

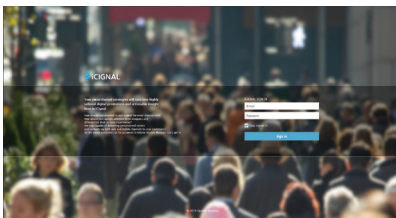
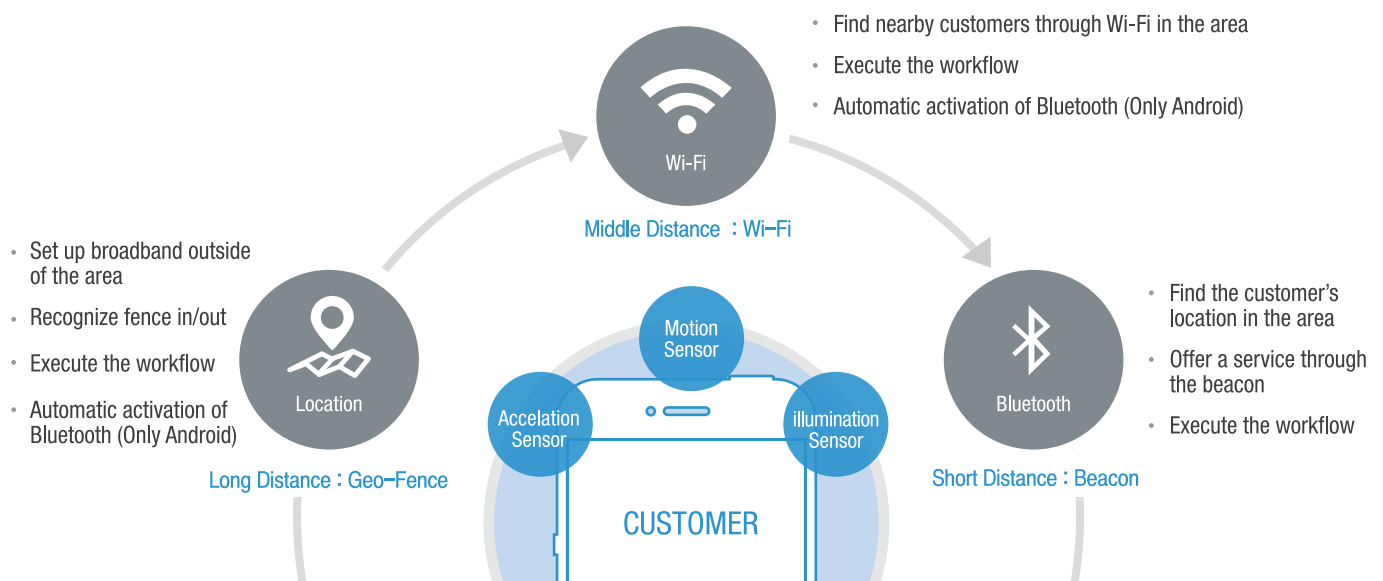




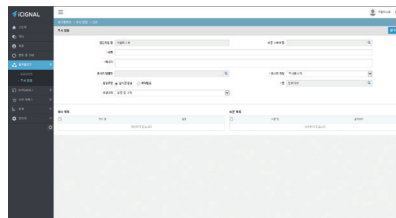
Capturing Sensor and Act by Rule Engine in Real-Time



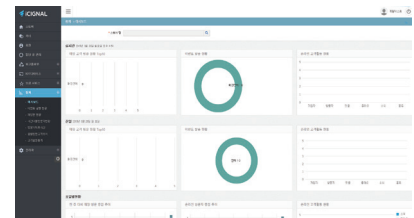
iCIGNAL IoT Function



- **Store Management** : Manage the offline branches
- **IoT Device Management** : Beacon , Beacon Group, Geo-Fence, Wi-Fi



- **Work-Flow** : Manage the corresponding execution of each IoT Device
 - **Schedule** : Set up schedule of IoT business process
 - **Segment** : Designate the event target
 - **Rule Engine** : Manage entry/exit distance
 - **TASK** : Manage contents to be executed

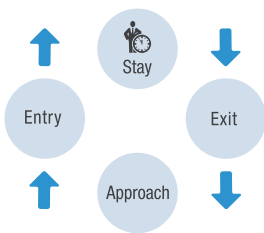


- **Analysis** : Analysis and statistics of IoT business execution



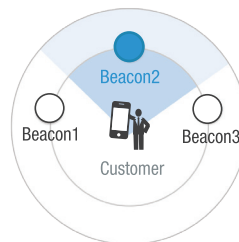
| Features

Event Control



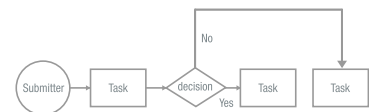
- Combine customer's interests and location info
- Execute event according to entry, approach, stay and exit events

Beacon Signal Interference



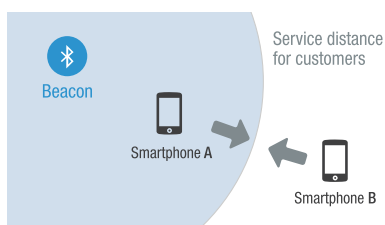
- Control the signal interference between beacons
- Sector of sensors are supported

Rule-based Workflow



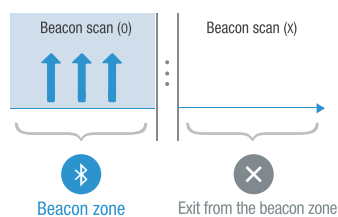
- Real-time applying any change without additional distribution of app. and server
- Personalized marketing combined with customer segment

Signal Strength Difference



- Signal metadata DB
- Algorithm to control the signal strength differences of each smartphone

Minimize Battery Consumption



- Explore of beacon signal only when the beacon signal exists
- Decrease the use of smartphone CPU
- Minimize the battery consumption (0.04% per hour)

Patented Solution



- Patent of system/technology for beacon wireless base service
- 13 patented technologies

Various Industries with IoT System



Retail

- Coupon/Stamp Reward
- Membership Card
- Product Information



Vehicle

- Waiting Time
- Issuing Ticket
- Membership Card



Distribution

- Warehousing & Release
- Anti-theft
- Analysis of Movement



Health Care

- Note Precautions
- Registration / Payment
- Smart Check Condition



Leisure

- Indoor Navigation
- Missing Child Prevention
- Access Card



Food Service

- Self Payment
- e-Leaflets / Menu
- Reservation



Digital Plant

- Industry 4.0
- Smart Factory
- M2M Techniques



Education

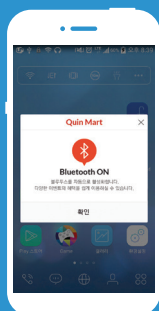
- Classroom Location
- Preview & Review
- Attendance Check



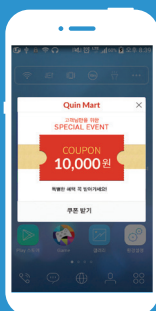
Building / Security

- Temperature, Humidity, etc.
- Motion, Heat, IR Sensing
- CCTV, LED, etc.

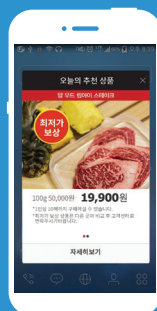
Use-case in Retail industry



Geo-Fence



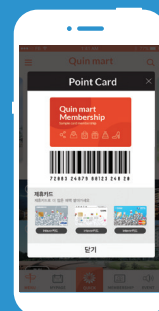
Discount Coupon



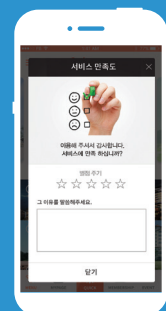
Product Recommendation



Time Sale for in-store customers



Mobile point card



Feedback from customers



Personalized O2O

Providing the optimized smart consumption culture according to each customers' movement by integrating with CRM



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