



# Smart Alert

## Be Smart for Smart Life !

# What is Smart Alert?

## Multi Alarm Platform for World Wide Safety Network

Smart Alert is an IoT-based, real-time, early-warning, safety alarm system which was developed jointly by renowned aerosol fire extinguisher manufacturer "Speedy Off" and WNW Software.



IoT



Cloud



Big Data



Mobile

Smart Alert is Korean-made ICBM (IoT/ Cloud/ Bigdata/ Mobile)-utilized early warning platform that is designed to immediately send an alarm signal of the occurrence of various disasters, accidents, and events that may result from such diverse causes as people's carelessness and neglect to safety in the midst of hectic modern life, rapidly increasing aloners and elderly people, and the lack of national safety and natural disaster prevention systems, thus notify and inform the danger in real time to those who related and help them take effective actions as early as possible.

For the next-generation Smart City, the public safety mobile platform app is interlocked with a holder for spray-type fire extinguisher and can also be connected to various safety-related products such as smoke detector, gas leak detector and door lock etc.



# A Home Safety Device

Smart Alert is a public safety mobile phone APP platform, designed to send an alert to family members, friends, administrators, and related authorities simultaneously and notify various dangers including a fire that may occur in a home, an office, or a public place, allowing them to properly respond to the situation as early as possible in real time.



# Smart Alert

- **Location on the map**

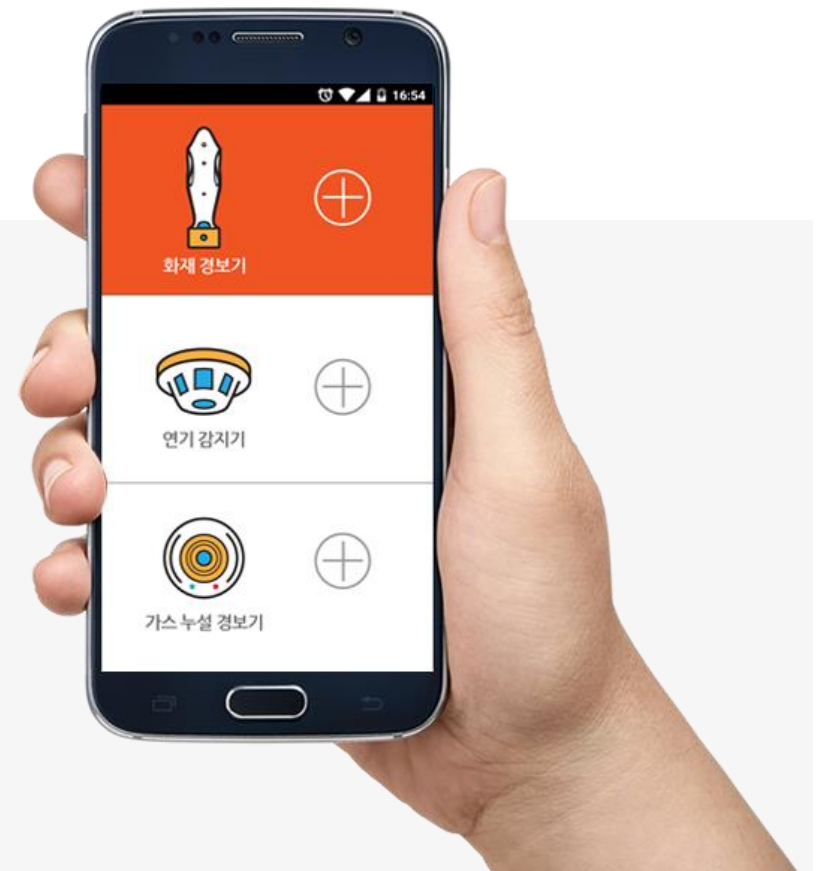
Datafication of time, address and location with 4 pictures of the scene of an accident

- **Invitation of friends**

sending a warning to multiple receivers

- **Real-time alarm**

notifying the danger as soon as an accident occurs



# Important features of Smart Alert (IoT)



## Early warning on various emergency situations

Fire alarm! Emergency alarm! Theft alarm!

When an emergency situation occurs, take the fire extinguisher off from the holder, while an alarm sound goes on at site for 3 minutes, a push warning alarm will be sent to the mobile phones of the pre-registered multiple users allowing them to take immediate initial response actions to the situation as early as possible



## Wifi Home Network

Real-time alarm!

Without going through separate terminals or devices, alarm will be sent directly with the information including location, time, address, map and pictures of the scene in real time to the mobile phones of multiple users, administrators, and a person in charge in related authorities through the IoT dedicated network and the company's Cloud Server.



## Sending the information to multiple users by inviting and adding friends

Smart Alert informs an early warning of dangerous situation quickly to multiple users such as friends, relatives, acquaintances, and related authorities at the same time.

The user can download and install the Smart Alert application and invite friends who can also receive the same alert and information simultaneously on their mobile phones.

# Flow of Service : When a fire or an emergency takes place

1

## Occurrence of a fire or a dangerous situation

Take the fire extinguisher off from the holder. The alarm sound goes on for 3 minutes at site.

2

## Data Transfer

The information is sent via the IoT network without a separate terminal or devices.

3

## A push alarm on the mobile phone

The alarm will be sent simultaneously to the mobile phones of the previously registered users, together with the display of the map, address, time of the event and 4 pictures of the scene of accident simultaneously.



## Prevention of disasters and accidents

The alarm is sent along with the details of the incident such as the location, address, and time displayed with the map which will be stored in our cloud server, and the data can be used not only as the evidence of a specific event or accident but also annual trends of accidents data can be evaluated and analyzed as big data for the prevention of various future accidents nationwide.



# Smart Alert App : Screenshots

## Intro

The screen displays when the app is started.



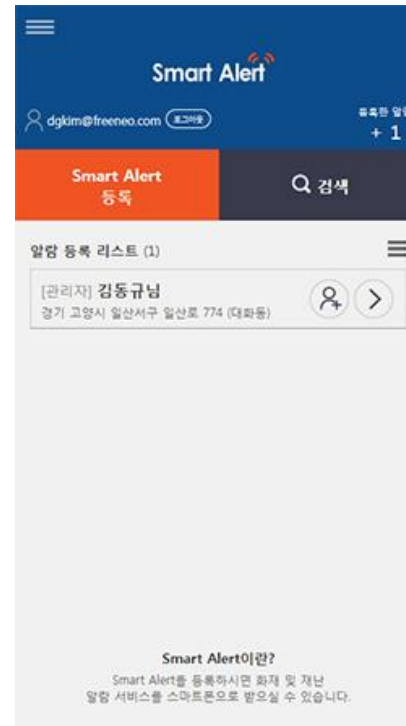
## Warning : push alarm screen

The screen displays the details of an accident along with the map and pictures.



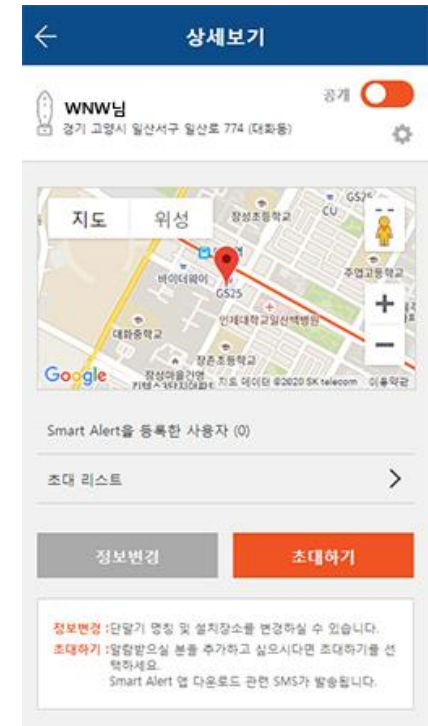
## Main screen

The screen displays Register, Search, and a list of users registered.

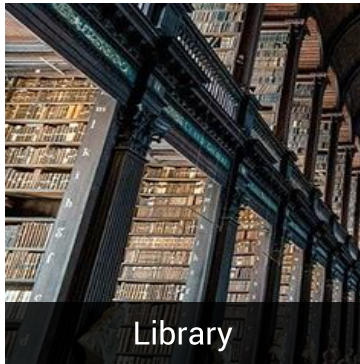


## View alarm details

The screen displays the accident in detail. Friends can be invited on this screen.



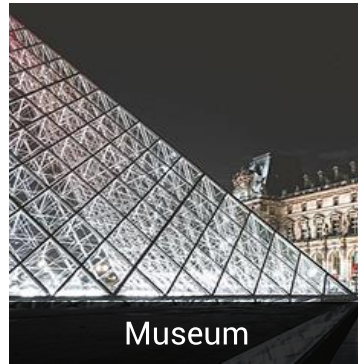
# Applicable locations : Examples



Library



ATM



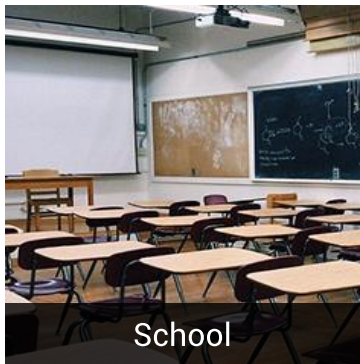
Museum



Camp Site



Healthcare



School



Cultural Heritage



Construction site



Food & Beverage



Automotive



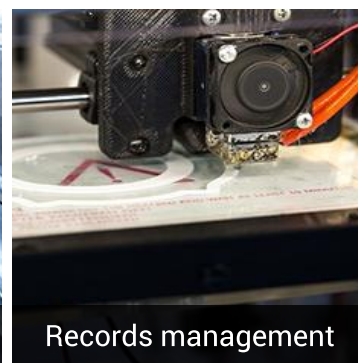
Transportation



Marine



Manufacturing



Records management



Military



## Smart Design

Unlike existing portable fire extinguisher holders, Smart Alert has a slick and streamlined body that is characterized by the beauty of its curved shape, which will blend in well with any spaces including homes or offices creating a wonderful interior decoration effect.



# Patents and awards



**Korea Industrial Property Office (KIPO)**

**Patent No. 10-1765524**

Title of the invention: A portable fire-extinguisher holder capable of sending alarms to multiple users using the Internet of Things (IoT)

**kotra**

대한무역투자진흥공사

제 2017-B041 호

상 장

제품 개발 부문  
KOTRA 사장상  
우리네트웍스

귀사는 제 1회 「4차 산업혁명 선도 소비재 융합제품 경진대회」의 제품 개발 부문에서  
위와 같이 입상하였으므로 이 상장을  
 수여합니다.



2017년 6월 15일  
KOTRA 사 장  
김 재 홍

**Korea Trade Promotion Corporation [ KOTRA ]**

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Consumer Products Leading the 4th Industrial Revolution

We Will secure the world even safer place.



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