

# iAlert

---

## Location Based Public Warning & Mass Alert System

Version: 4.2 | Part Code No.: PertSoliAlert040102





PertSol is a leading Telecom and IT solution provider for Telecom/ Internet Service Providers, Government and Law Enforcement Agencies providing explicit offering of capabilities starting with specialized solutions, customized software applications, professional and project management services with dedicated cross functional agile teams.

Our solutions have been shaped by our deep domain knowledge, built by harnessing our strength in next generation technologies across Telecom Regulatory Compliance Management, Telecom Core Network, Emergency Response System, Big Data Analytics & Internet of Things (IoT). Backed by our superior delivery experience with a key focus on quality.

**9+** YEARS OF OPERATIONS

**60+** R&D EXPERTS

**25+** FUTURE READY SOLUTIONS

**60+** PROJECTS DELIVERED

**65+** HAPPY CLIENTS

**23+** LOCATIONS WORLDWIDE

# NEED FOR REAL-TIME COMMUNICATION

## For Emergency Services

When it comes to emergency situations like natural disasters, regional calamities, business operations streamlining, production slowdowns, and miscalculated events, where time is a sensitive and every second matters. Each year, the impact is uncountable and effects are beyond measure. In such hazardous cases, how can we Inform people in real-time and ensure effective response in emergency becomes crucial. It is the duty of the accountable governments, first responders, regulatory bodies etc. to ensure a flexible and seamless flow of communication to the people and take necessary actions for help.

**Important to communicate quickly and effectively during events such as:**



### **Natural Emergencies**

Earthquakes, Floods,  
Hurricanes, Tsunamis,  
Wildfires & Pandemics



### **Man Made Emergencies**

Terror attack,  
Public Demonstration/  
Protests, Industrial  
Accidents



### **Smart City Management**

Traffic Jams, Water  
Logging, Power  
Outage, Government  
Notifications,  
Government Campaign  
Drives

# iALERT

## Public Warning & Mass Alert System

---

PertSol iAlert, is a public warning & mass alert system that got you covered & protected. It is a unified communication platform that delivers the right message to the right people when it matters the most. As the need for a modern emergency alert system and technical innovations keep growing, our robust solution showcases proven records of compatibility with each integrating system. iAlert connects your entire system allowing you to communicate with precision and interact with your right audience directly at the right time.

It has been designed to address requirements of the Emergency Services, Disaster Management, City Municipality, Law Enforcement Agencies etc. It is a highly scalable solution that acquir e its usage in areas of Mass Citizen Alert in case of Disaster/Emergency Warning, Rumour mongering aversion, or Post Disaster Public Interest Information (like helpline number, nearest shelter etc).

**iAlert is a complete Public Warning & Mass Alert Solution which has both Mass Alert & Targeted Alert Functionalities:**

### Group Alert

Alerts to pre-defined groups of first responders, or effected area population.

### Location Based Alert

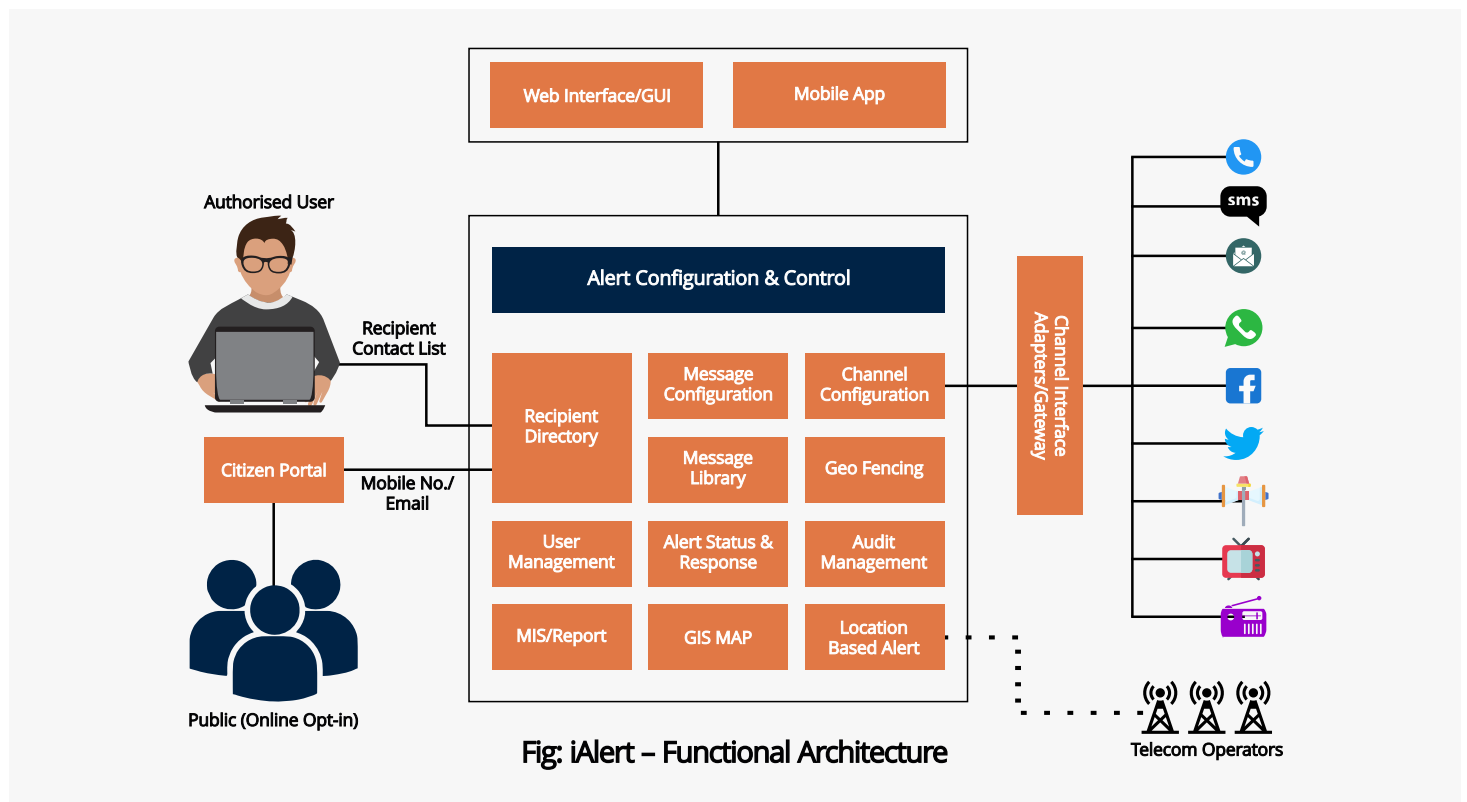
Alerts directly to population based on the area geo-fenced by the operator.



# iALERT

## Group Messaging

iAlert – Group Messaging is a warning and alerting system based on text or voice messaging via cell phone network, for effective communication with first responders and other stakeholders (Govt./Public) who are responsible for management of an emergency or disaster situation. It provides advance intimation to officials to initiate preventive actions & mitigate the loss of human lives due to impending disasters.. It can also be useful in sharing post disaster information like helpline number, nearest rescue shelter, the do's & don'ts and other helpful information.



It sends messages in the form of text SMS/Voice messages to pre-determined set of phone numbers. SMS and Voice messages can be sent in different languages so that the all members of the community in vulnerable areas can understand the message. It can also forward warning messages via social media platforms as well as media broadcast stations.

iAlert provides many channels to send messages and the choice of channel can be determined depending upon the time, nature and impact of the disaster. The system will ensure effective communication before, during and after an emergency situation.

# iALERT

## Location Based Alert System

---

PertSol iAlert allows sending text messages (SMS) to all mobile subscribers present in the vulnerable area to be affected by Cyclone or any other Disaster. It also includes both national subscribers and international roamers. The operator is able to draw a polygon of a particular area through GIS map that can send alerts to all the mobile phone users who are present at that time inside the polygon. has the capability to send alerts to the people based on their real - time location at the time of sending an alert. Our solution is independent of the mobile handset, i.e. it supports both smartphones and feature phones/non-smartphones). Furthermore, our solution does not require any configuration changes on the subscribers' handsets.

## Deployment Strategies

### For iAlert

---

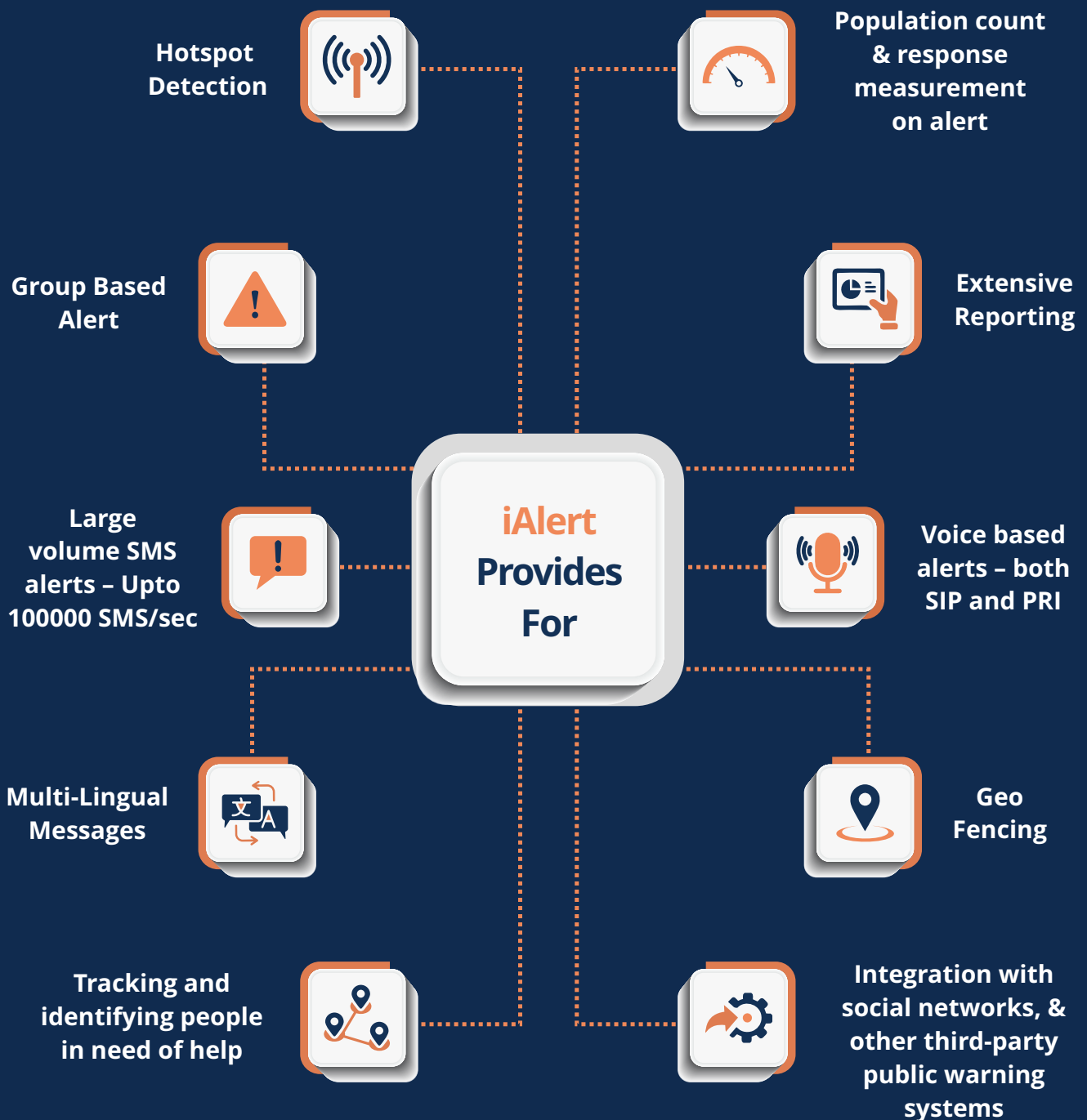
**It provides for two solutions models depending on privacy laws of the country:**

**De-Centralized** – All citizen information is always kept at TSP premises and data is never sent to concerned entities. The central system allows sending commands to the system at TSP premises, that in turn will send out alerts to the masses depending upon the request received from central system

**Centralized** – All data is stored in secured form at the central system and Alerts are processed on request of the users, while direct access to complete data is avoided.

# KEY FEATURES

Solution With Excellent Capabilities





# PertSol<sup>®</sup>

Simple Solutions for Complex World

## Reach us at



INDIA

Corporate Office:

720 Midas Sahar Plaza, J.B. Nagar,  
Andheri East, Mumbai 400059,  
Maharashtra, India



+91 224 023 5503



[www.pertsol.com](http://www.pertsol.com)

Sales Office:

Unit No: 05-012, 5th Floor, Tower-B,  
Emaar Digital Greens, Sector-61,  
Gurugram-122011, Haryana, India

+91 124 427 3777



USA

Sales Office:

6379 Clark Ave.  
Suite 260 Dublin CA 94568,  
USA



[contact@pertsol.com](mailto:contact@pertsol.com)