



Safe-Fi

Saving Lives with our Panic Button

**SAFEFI Intellectual Property**

*Patent Portfolio and Technologies for Sale / Licensing*

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# Introduction



**E**GLA Communications develops innovative products in the areas of Telecommunications, IPTV, and Mobile Platforms. They are experts in infrastructure and cloud-based computing with over 20 years of experience managing network infrastructure and complex computing systems, and assists in the commercialization of RF, Wireless, and Media technologies.

**E**GLA also commercializes patents and software/computer technologies with strong IP .

We are experts in intellectual property transactions and Sales.

# Portfolio Description

*Portfolio*

Includes 3 Pieces of Intellectual Property:

- 2 Issued Patents and Provisionals
  - Some include full product(s)
  - Some include prototypes
- 1 Innovative Software Platform

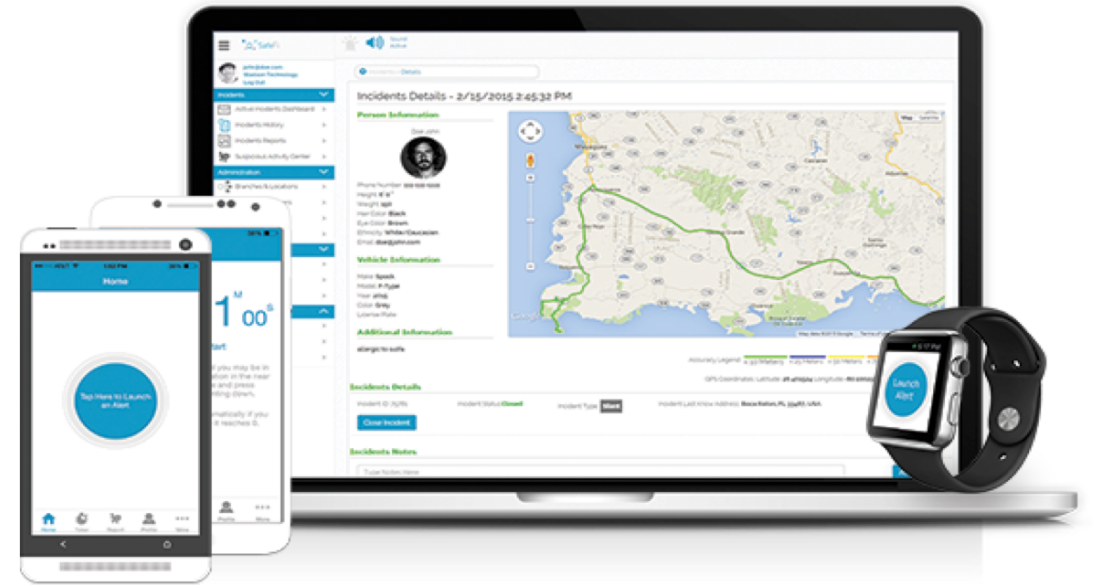
# Intellectual Property Portfolio

## SAFEFI AND SNAPP TECHNOLOGIES

### Issued Utility:

#9,071,957 SAFEFI

#9,338,629 System and method for emergency communications



# Patents



	PAT. NO.	Title
1	<a href="#"><u>9,338,629</u></a>	<a href="#"><u>System and method for emergency communications</u></a>
2	<a href="#"><u>9,071,957</u></a>	<a href="#"><u>System and method for emergency communications</u></a>

# SAFEFI (2 Patents)



US09071957B2

**United States Patent**  
**Stadtlander et al.** (10) **Patent No.:** **US 9,071,957 B2**  
 (45) **Date of Patent:** **Jun. 30, 2015**

(54) **SYSTEM AND METHOD FOR EMERGENCY COMMUNICATIONS** (56) **References Cited**

(71) Applicant: **STADSON TECHNOLOGY**, Boca Raton, FL (US)  
 (72) Inventors: **Andrew Stadtlander**, Highland Beach, FL (US); **Matthew Hudson**, Boca Raton, FL (US)  
 (73) Assignee: **STADSON TECHNOLOGY**, Boca Raton, FL (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 25 days.

(21) Appl. No.: **13/891,223**  
 (22) Filed: **May 10, 2013**  
 (65) **Prior Publication Data**  
 US 2014/0024333 A1 Jan. 23, 2014

**Related U.S. Application Data**

(60) Provisional application No. 61/674,643, filed on Jul. 23, 2012, provisional application No. 61/768,836, filed on Feb. 25, 2013.

(51) **Int. Cl.**  
**H04M 11/04** (2006.01)  
**H04W 4/22** (2009.01)  
 (52) **U.S. Cl.**  
 CPC ..... **H04W 4/22** (2013.01)  
 (53) **Field of Classification Search**  
 CPC ..... H04W 4/22; H04W 76/007; H04W 64/00  
 USPC ..... 455/404.2, 404.1, 456.1, 414.1  
 See application file for complete search history.

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 (Continued)

*Primary Examiner* — Nghi H Ly  
 (74) *Attorney, Agent, or Firm* — Novak Druce Connolly Bove + Quigg LLP  
 (57) **ABSTRACT**  
 The provision of emergency response services to a user can be based on transitioning a communications device associated with a user to a listening mode, setting a first timer, recording user actions with the communications device, ascertaining, based on a status of the first timer and the user actions, whether a criteria with respect to at least user interaction is met, and, if the criteria is met, transitioning the communications device to an emergency communications mode, else resetting the timer and repeating the recording and the ascertaining until the criteria is met. The emergency communication mode consists of forwarding user and live location information to a remote server and receiving emergency contact information, selected based on the user and live location information, for establishing a communication with emergency response personnel.

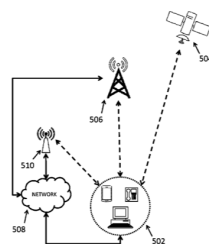
**18 Claims, 7 Drawing Sheets**

- Priority Date: Jul 13, 2013

- Claims: 2 independent, 18 total

- Forward Cites by PayPal

- System and method for emergency communications



# Power Button = Rescue Button

## SAFEFI Patent Covers



Press Power Button  
or Any  
Other button to set  
emergency mode  
3 to 5 Times for  
example



Without  
unlocking the  
phone, sets  
device in  
emergency mode



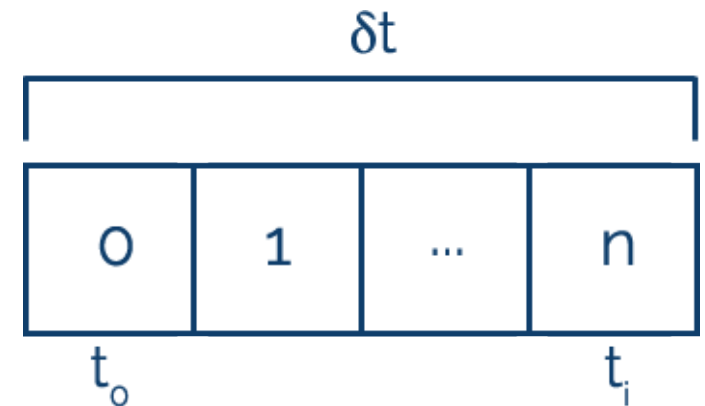
Send distress signal  
with a timer to a  
server with Health  
information,  
position, or any  
other information

## **Issued Utility Patent #9,071,957:** *System and Method for Emergency Communications*

Utility patent encompassing a method(s) to start an emergency communication session(s) based on user interaction patterns on a communication device, such as a smartphone, smart watch, etc. (e.g Power button of the Phone)

Enabling quick launch actions such as:

- Data Delivery, Updates, and Packaging
- Application Launch
- GPS Location Data Delivery Method
- Custom User Interface Launch

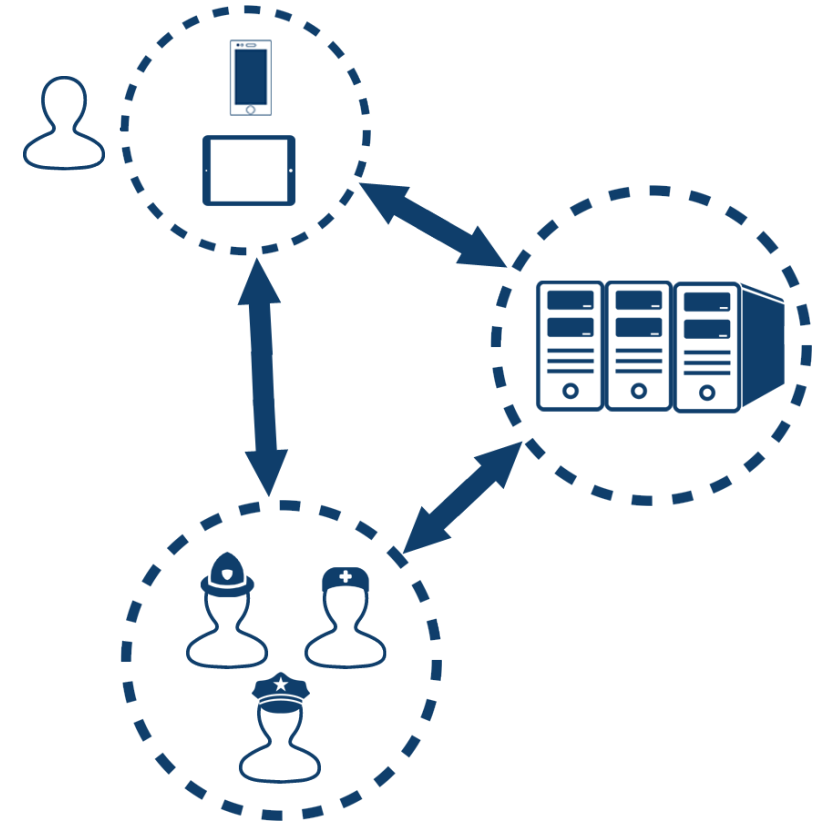




# Patent Family

## Patent for #9,338,629:

- Details the transmission of data between a user starting and ending an emergency incident and a server providing a responder with real-time information associated with said incident.
- Unique method to forward incident details to pre-determined response authority.
- Data transmission between a communication device and a secure server during an emergency incident.



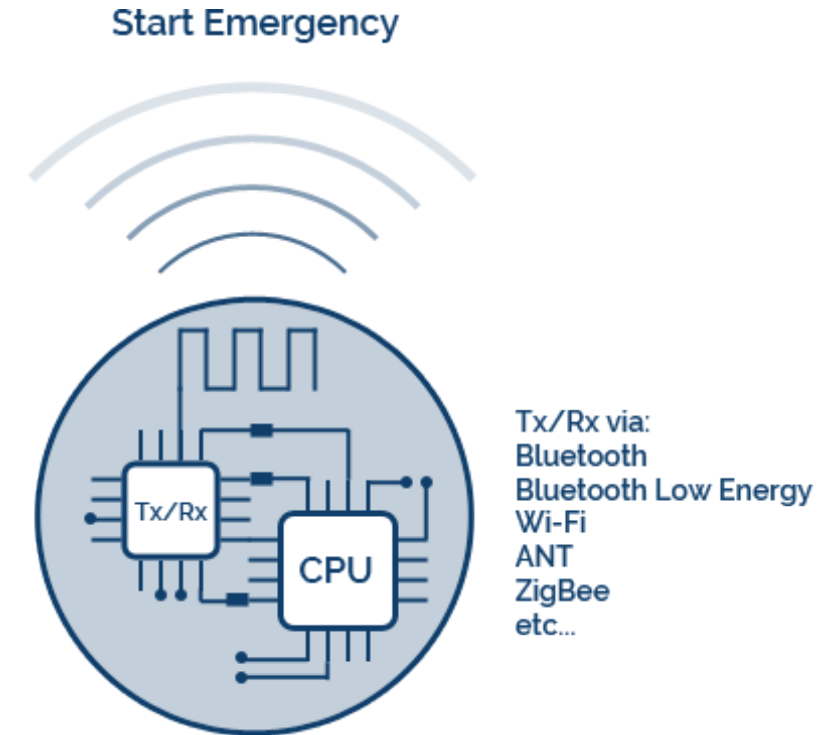
## **Pending Utility Patent WO 2015/054501:**

*Safety System Utilizing Personal Area Network Communication Protocols Between Other Devices*

This patent covers the invention of a device utilizing wireless protocols to communicate with a paired/master device to remotely invoke a safety-oriented response/subroutine on said paired/master device. Invoking is accomplished via the successful matching of a detected event with a predefined activation pattern.

An event consists of, but is not limited to:

- Voice or audible pattern recognition
- Physical manipulation of device
- Hardware Interrupts



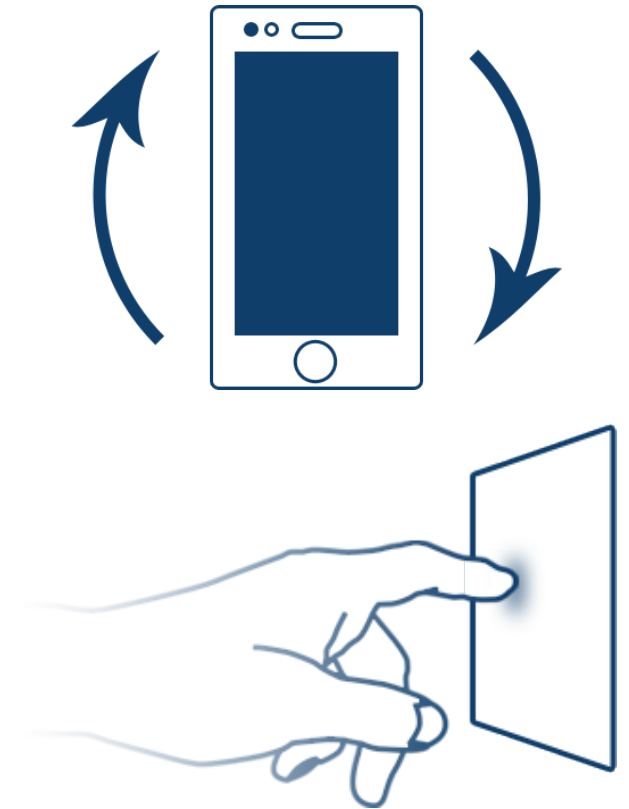
## **Provisional filed Apr 28, 2015:**

### *System for Detecting and Initiating Activities*

This patent consists of a collection of innovative and novel interaction methods to launch activities on communication devices. The successful fulfillment of launch requirements enables the transition to a device's predefined response mode.

Interaction methods include, but are not limited to:

- Audio-based environmental characteristics
- Heart rate characteristics
- Changes in environmental properties



# Summary & Implementation

An innovative technology called SNAPP

- Minimizes the number of steps required to invoke an action/launch
- Currently utilizes power button on communication devices
- Additional launch methods prototyped

Multilayer connection system for information delivery called SafeFi Information Center

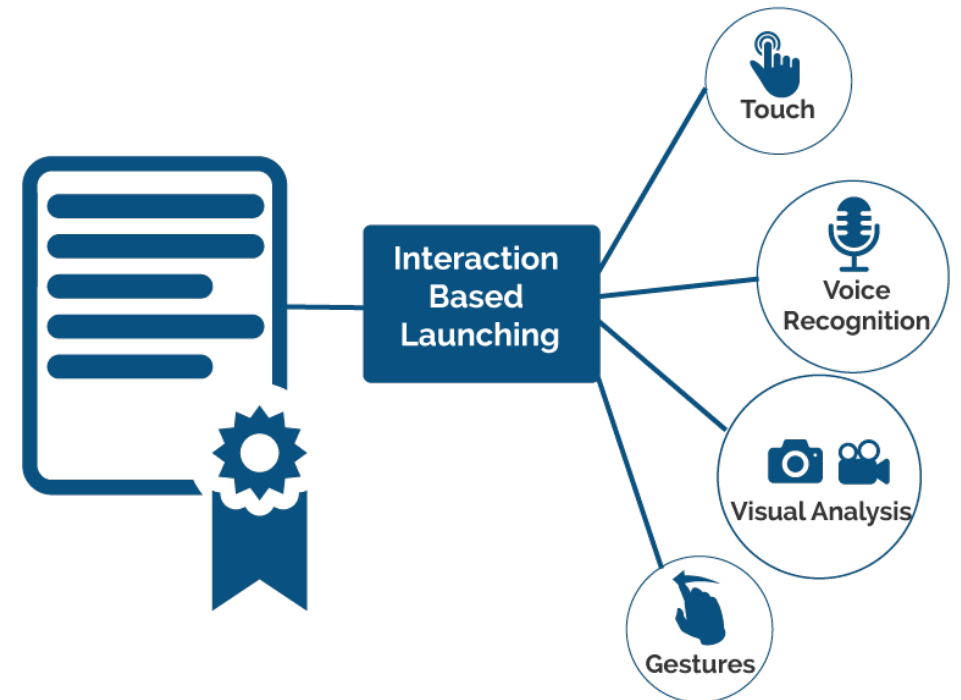
- The delivery and updating of time-critical data with unprecedented accuracy to a backend server

Expansive wireless protocol compatibility

- Smart devices
- Home automation
- Industrial networks

Powerful collection of launching methods enabling

- Discreet activations
- Hands-free control
- Environmental event triggers



- Evidence of Use Available for Multiple Mobile Operating Systems
- Available under NDA

# Panic Button

- SafeFi supports a Bluetooth Panic Button
- Up to 300 ft overate
- Accelerometer in some models, fall detection
- Low Energy Bluetooth



# Impact of IP

**Our IP enables an increase in access to responders and reduction in response time to benefit various industries, such as:**

Telecommunications



Campus and Corporate Security



Insurance Industry



Personal Security

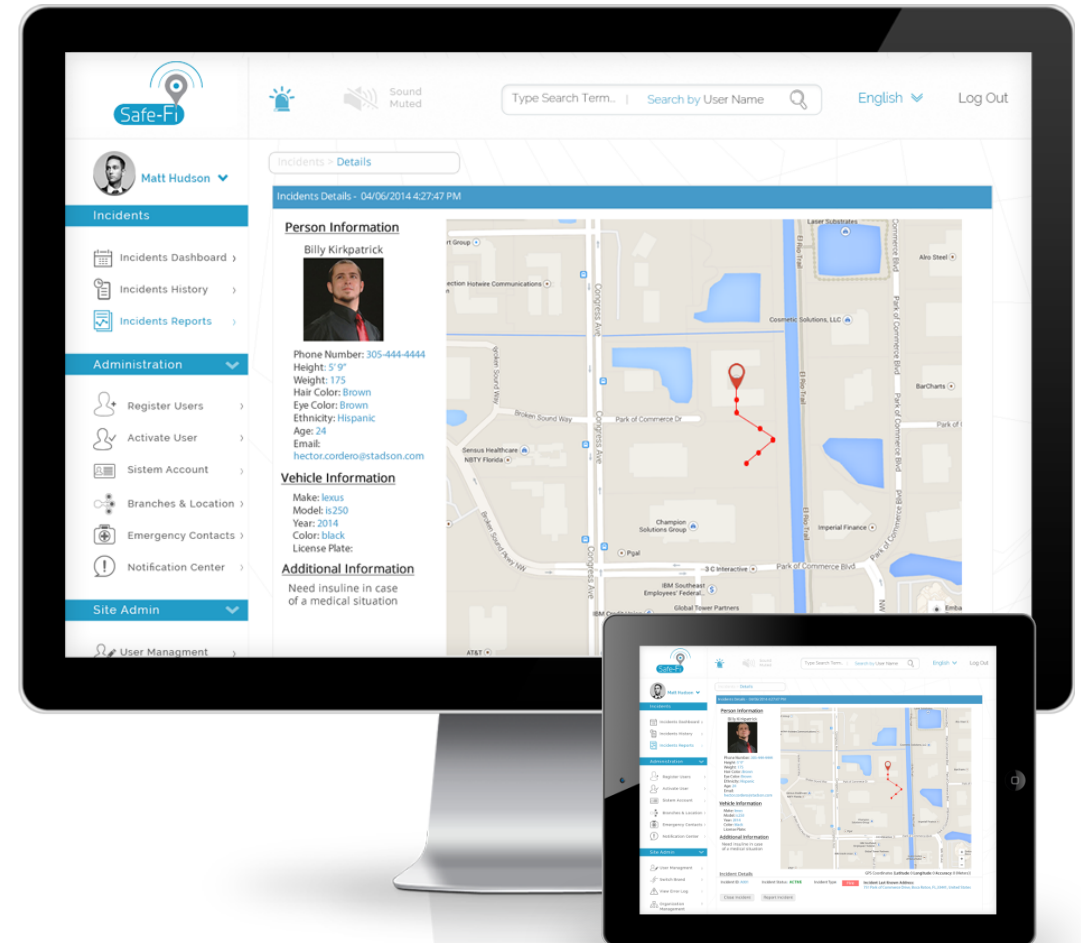




## Information Center Dynamic Web Application

- Allows for rapid viewing of pertinent information to an emergency situation
- Customizable geo-fences to alert a specified phone number based on location association algorithm
- Live GPS bread crumbing showing an incident from beginning to end
- Allergies, medical conditions, vehicle information, and other critical data is provided to receivers via user profile

**Presents information that's of far greater accuracy and detail than what is currently available to 911.**





# Software for Mobile

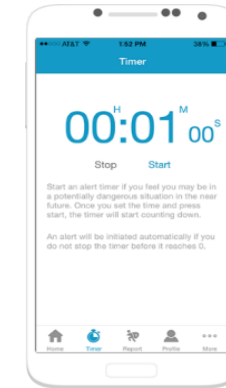


- Allows for instant launching via SNAPP with immediate transmission of dynamic location and personal information to the web application
- Timer Mode enabling an automatic launch after the set amount of time expires
- Text-to-911 support with zip code validation
- Reporting of suspicious or malicious activities to local authorities
- Delivery of safety profile to SafeFi Information Center during an incident

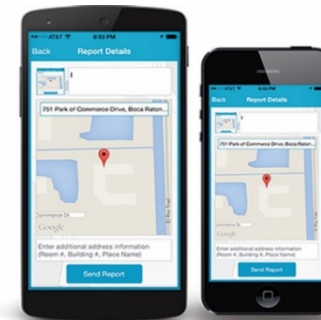
## SNAPP



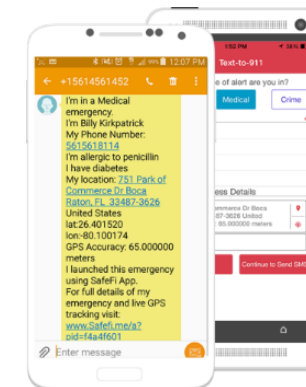
## Timer Mode



## Report Incidents



## Text-to-911



## Safety Profile

