

THE ANGELSENSE DIFFERENCE

A Comparison To Radio Frequency Search Systems

The following comparison is between AngelSense and Radio Frequency (RF) Search Systems such as Project Lifesaver, CareTrak and SafetyNet

PREFACE

AngelSense is a monitoring and wandering prevention solution. While AngelSense and RF search systems are both used for locating a missing person, the solutions are very different as outlined in this comparison document.

AngelSense is the only monitoring solution designed for individuals with special needs. It includes a GPS device, advanced data analytics, and a smartphone app for all caregivers and first responders. AngelSense alerts as soon as the person leaves a safe zone, pinpoints the location on a map, and offers a wide range of search tools such as sharing the live location with first responders, speaking with the person using auto-pickup speakerphone, and activating a loud sound on the device.

An RF system is a tool to help law enforcement in search efforts. It involves attaching a radio transmitter device to the wrist or ankle of persons at-risk of wandering. The transmitter emits an inaudible pulse once per second that can be picked up by a hand-held directional antenna and the radio-tracking signal becomes stronger and louder as you get closer to the missing person. Once realizing the person is missing, caregivers contact the Search and Rescue (SAR) center and trained operators start the search by directing the antenna according to the audible sound, indicating the missing person's direction. The effective range is up to 2 miles and special training is required to operate the equipment.

AngelSense alerts prevent most wandering incidents from developing into a major search. Search efforts end quickly as first responders and caregivers have access to the live GPS location and search tools. There are no range limitations and tracking can be done from any smartphone. While RF technology search systems do help find missing persons, their capabilities are very limited compared to AngelSense, which is a solution based on modern mobile technology combined with innovative data analytics.

THE ANGELSENSE DIFFERENCE

Automatic alert as soon as the person leaves a safe zone

AngelSense sends an alert as soon as the person exits a safe zone. This prevents many wandering incidents from developing into a major search. A search with an RF system starts after caregivers realize the person is missing, conduct an initial search, and only then contact the SAR center to report a missing person. The SAR center then dispatches the RF system's trained operator to start the search. This lengthy process increases the risk of injury or worse.

Live GPS location on a map for all search team members

AngelSense can be used by an unlimited number of people such as family, school staff, and SAR team members. Search efforts end quickly, as first responders and caregivers have access to the live GPS location and a broad set of search tools. This makes search efforts with AngelSense highly effective.

Talk to the missing person and people nearby with auto-pickup speakerphone

AngelSense provides a 2-Way voice capability with an auto-pickup speakerphone that was designed for individuals with special needs. The caregiver can call and instruct the missing person to stop or speak with people nearby. RF systems do not include any voice capabilities.

No range limitations, track from any smartphone, tablet or PC

AngelSense uses GPS technology that has no range limitation. As long as there is cellular connectivity, even a partial one, AngelSense will pinpoint the location on a map. It also offers many tools to locate a missing person indoors, such as activating a loud sound on the device and locating the person using Wi-Fi, or remotely listening to the person's surroundings. RF technology search systems have a range of up to 2 miles, and are limited mainly to non-urban outdoor areas.

Sensory friendly device, customized wearing accessories

AngelSense provides a wide variety of non-removable sensory friendly wearing options. These include a sleeve for wearing the device inside a pants pocket, a soft and tagless undershirt with

a special pocket, and a waist belt that is worn on the body. All wearing accessories are secured by customized fasteners making it removable only with a magnetic key held by the parent or caregiver. The device is water resistant, and includes an optional waterproof pouch. RF systems include a bracelet. Children with special needs many times resist wearing the bracelet due to sensory sensitivity.

Charging and wearing reminders

To ensure daily use, AngelSense sends daily reminders to the primary caregivers, reminding them to charge the device at night and wear it in the morning. RF bracelets typically have a long battery life since they don't use cellular networks and GPS, and they don't transmit data. However, the battery requires monthly battery changes with the program providers only.

No special training or equipment needed for SAR teams

The AngelSense solution includes an intuitive app accessible from any internet connected smartphone, tablet or PC, very similar to a navigation app we all use daily.

Cost saving by preventing major search incidents

The AngelSense solution and search tools are mainly used by parents and caregivers who can react to the proactive alerts immediately. Therefore, most wandering incidents end in a few minutes and do not require contacting search and rescue teams.

The following news report shows a recent switch from an RF Search System to AngelSense, by a Michigan-based public safety agency

Technology gives Midland's people with disabilities more freedom

Much like Project Lifesaver, AngelSense is a device meant to bring peace of mind and security to families and caretakers. However, AngelSense is a more proactive system that allows users to track their loved one's location in real-time using an application...

*Jan Lapman,
Executive Director of The Arc of Midland*

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SUMMARY

While RF technology search systems do help find missing persons, their capabilities are very limited compared to AngelSense, which is a solution based on modern mobile technology combined with data analytics. With special needs individuals in particular, time is a crucial factor in finding someone unharmed. RF technologies are reactive and limited in range.

AngelSense provides a cost-saving solution to public safety officials and the communities they serve. With reliable proactive alerts, voice features and GPS live location sharing, AngelSense creates a dramatic increase in wandering prevention, efficiency of search efforts as well as peace of mind for caregivers.

For more information contact our law enforcement liaisons at:
orgs@AngelSense.com