RightHear

How the Righthear Solution Works & Solves a Real Problem

Learn about the RightHear solution, the issue it solves and the technology it runs on!

The Problem

An estimated 250 million individuals of the global population are currently blind or visually impaired.[1] These individuals often face certain challenges that sighted individuals do not, such as orienting themselves in new environments. When in a new space, these individuals are often placed in a dilemma between completing a task with the help of others or not completing it at all. For example, how is one who is blind, visually impaired or has cognitive orientation challenges, supposed to know how to get to the bathroom or the exit without asking someone? As one could imagine, this decrease in independence ultimately leads to a decrease in both confidence and self-esteem. This is where RightHear comes in!

How Our Product Solves the Problem

RightHear is an advanced accessibility interactive solution placed inside venues that helps grant its users the confidence and independence they deserve by providing them with tools to better orient themselves in public spaces. RightHear's unique technology consists of three devices that communicate with each other to provide relevant and up to date information about the venue to the user.

Understanding Our Product's Design & Technology

The RightHear solution consists of three integral components that communicate with each other in order to help grant blind, visually impaired and orientation challenged individuals the independence they deserve.

---

[1] http://www.who.int/news-room/fact-sheets/detail/blindness-and-visual-impairment

The three components are:

1. Our customizable administrator dashboard
2. Our bluetooth iBeacons that are installed in the venue
3. Our free app that the user downloads to their personal smartphone

The way the three communicate with each other is very simple: a user walks into an accessible venue, their smartphone picks up the signal from the beacon, the beacon transmits the information that was programmed into the dashboard to the user's app on their smartphone, which then reads it outloud to the user allowing them to orient themselves. The app also currently alerts users whenever they are near an Accessible Zone and when new local Accessible Zones join the rapidly expanding RightHear network.

Other Applications of the Solution

Although the main use for the RightHear solution at the moment is mostly geared towards blind and visually impaired individuals, the possibilities of how we can expand our technology are virtually endless. With wireless transmitters sending pre-programmed data to one's smartphone when nearby, we can only imagine where this technology will take us in the years to come.

About RightHear

RightHear was founded in 2015 and is an advanced accessibility solution that uses a unique three component technology to help grant blind, visually impaired and orientation challenged individuals independence by providing them with tools to better orient themselves in public spaces. RightHear is currently closer than ever before to achieving its goal of making the world more accessible to all individuals with nearly 3,000 accessible spots in over 600 venues (and counting) across the globe. Our partners include major corporations, universities, municipalities, and hotels such as The Azrieli Group, McDonald's Israel, Shufersal Supermarket Company and Tel Aviv University. RightHear is available for free download on both Android and iOS.

RightHear

Contact RightHear

support@right-hear.com

HaSheizaf 4, Ra'anana, Israel

+972-54-5351480 | +972-54-7406282

http://right-hear.com