RightHear

Mapping & Installing the RightHear Solution

In this document we will provide a comprehensive overview of the RightHear orientation & mobility solution as well as an overview of how we map and install the solution in a venue.

Technological Overview

The RightHear solution relies on three key components: beacons (Accessible Spots), an online dashboard and mobile app. The Bluetooth Estimote beacons are low-energy battery-powered sensors, which are coded to function with the RightHear app. The online Dashboard allows venue managers to upload content and is connected to the Accessible Spots via Internet. When users approach an Accessible Spot, their phone uses Bluetooth capabilities to connect and receive all of the information programmed to that spot. The phone then reads the information out loud to the user using either the VoiceOver feature on iOS or the TalkBack feature on Android.

Common Applications

While RightHear can essentially be used in any indoor environment, the solution is often implemented in shopping malls, museum, universities, hospitals, airports, municipal or office buildings and community centers. Once inside the venue, some common points of interest where our Accessible Spots can be found include entrances/ exits, lobbies, restrooms, elevators and staircases. These spots often contain crucial information about their points of interest, such as "the door ahead is a push door" and "this is the elevator to access guest-rooms and stops on every floor besides for the Penthouse."

Mapping & Installation Processes

Before installing the beacons in the venue its is crucial to determine high traffic locations where the beacons will be best utilized or what we call mapping. After having mapped out the venue and learned the best spots for the beacons, it is time to make the venue accessible by installing the

beacons. We normally place the beacon in a central location to the point of interest, 3-4 meters (10-13 feet) off of the floor and try to avoid installation near metallic signage, power areas, or fluorescent lighting that can interrupt the signal. After the beacons are up it is time to head to our unique and customizable online dashboard to add audio descriptions for each spot. As per the Wayfindr standard, we normally suggest that the descriptions are clear and specific, accurately measured, provide the safest and easiest route and focus of essential messages for orientation. After having completed the installation process, we always test the beacons with the mobile app to ensure that everything is functioning as intended.
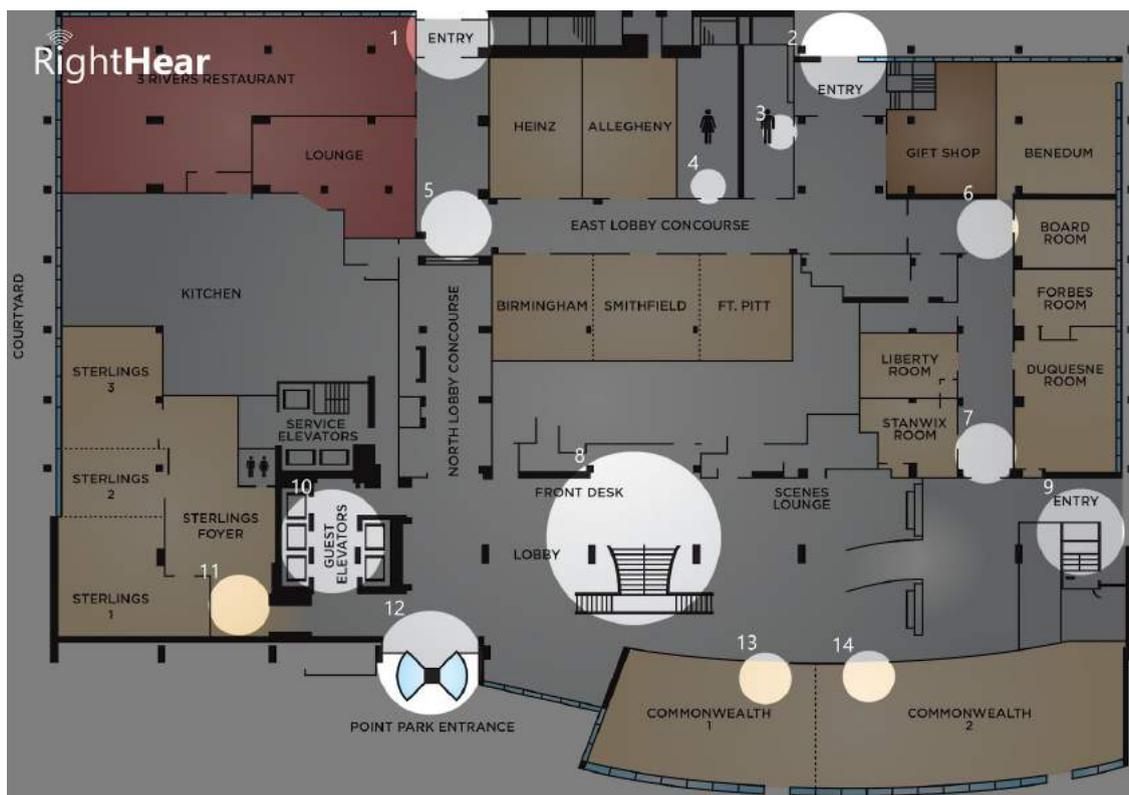
About RightHear

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

RightHear

Group, McDonald's Israel, Shufersal Supermarket Company and Tel Aviv University. RightHear is available for free download on both [Android](#) and [iOS](#).

Getting Started

That was easy enough, right? Interested in making your venue or business accessible? Contact RightHear below!

support@right-hear.com

HaSheizaf 4, Ra'anana, Israel

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

http://right-hear.com