SwipeSense, Inc.
4619 N Ravenswood Ave.
Suite 202
Chicago, IL. 60640
(847) 440-6215

Location Hub
User Manual

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Safety and Regulatory Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

This device complies with Part 15 of the FCC rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Your device is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The FCC has established criteria for the amount of radio frequency energy various products may produce depending on their intended usage. This product has been evaluated and found to comply with the FCC's exposure criteria. For body worn operation, the FCC RF exposure guidelines were also met when used with the accessories supplied or designed for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines and should be avoided.

This device must not be co-located with other transmitters.

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The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's website www.hc-sc.gc.ca/rpb

IMPORTANT NOTE

In order to comply with FCC RF Exposure requirements, the antennas used for the transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.

Les antennes utilisées pour ce transmetteur doivent être installé en considérant une distance de séparation de toute personnes d'au moins 20 cm et ne doivent pas être localisé ou utilisé en conflit avec tout autre antenne ou transmetteur.

Warnings

- This Device is for indoor use only.
- This Device is only to be installed by trained SwipeSense personnel.
- Do not open the Device as there are no user serviceable parts inside and this product is powered at all times.
- Do not use if the case is cracked or worn.

Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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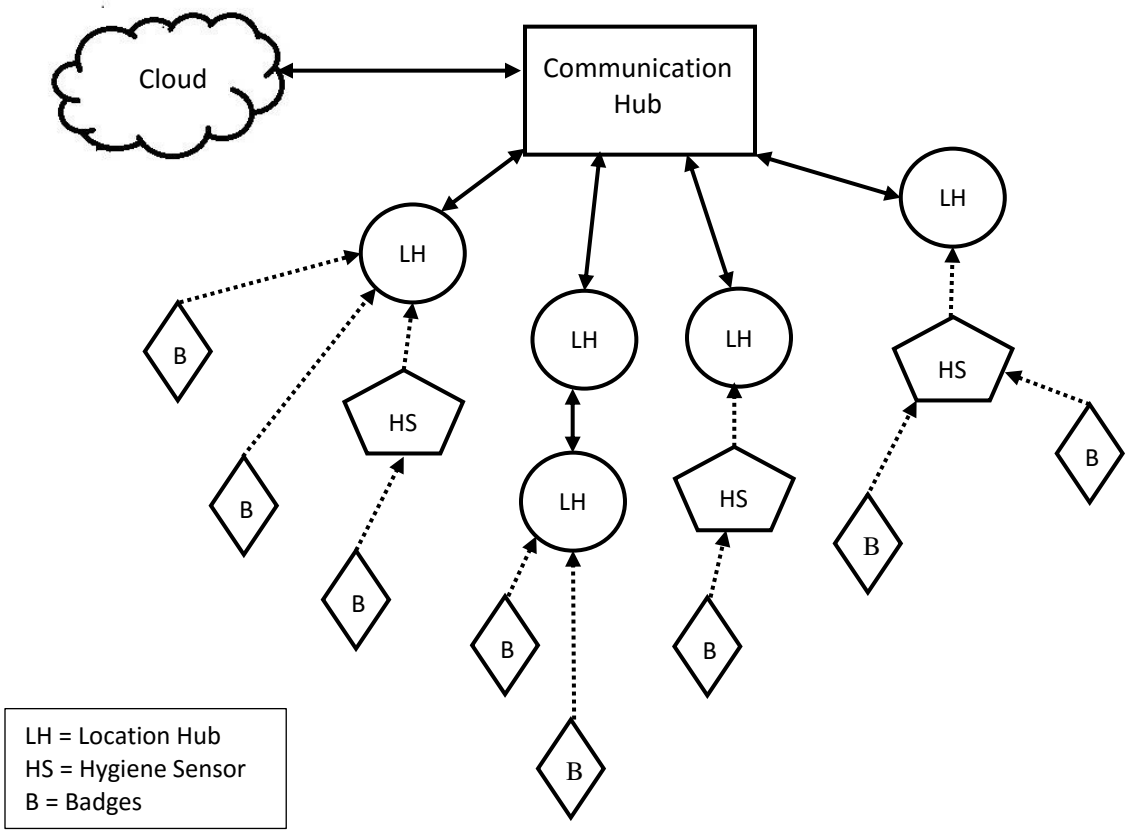
System Description

The SwipeSense System combines point-of-care hand hygiene with real-time usage data to eliminate dependency on manual observations and increase compliance with infection control procedures.

Our fully integrated system seamlessly provides real-time hand hygiene data from across the enterprise with exceptional clarity. The SwipeSense System creates a "mesh network" that provides flexibility for compiling and communicating hygiene practices of employees within your facility. The mesh network is composed of badges worn on individual employees, hygiene sensors mounted to hygiene dispensers' tracks employee hand sanitation frequency, location hubs monitor an employee's presence in patient rooms and a communication hub located in each nurses collects the data generated within the network and transmits to the cloud. Once the data is uploaded to the cloud, it is accessible to all administrators.



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Product Description

This is a wall-mounted device that is placed inside each of the patient areas and non-patient areas. This device measures signal strength of badges located near it and transmits the information to the communication hub for processing. A picture of an installed Location Hub is provided in Figure 1.

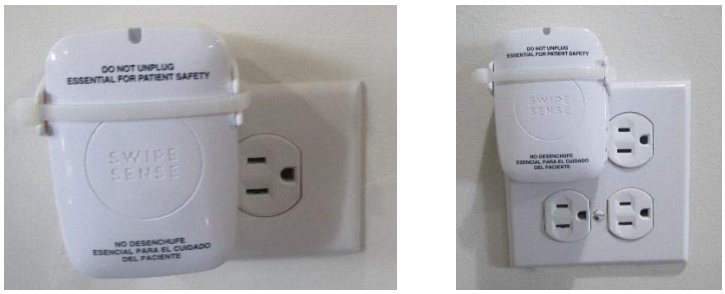

Figure 1: Installed Location Hub

Installation Procedures

Proper usage of the Location Hub is dependent upon proper placement within the designated room. This is identified by choosing a location within the room that a healthcare provider will be facing when interacting with the patient.

1. Locate and identify the predetermined outlet/power supply as defined by the comprehensive assessment provided by SwipeSense.

   NOTE: If a comprehensive assessment has not been completed, go to Location Optimization.

2. Scan and record the serial number of the Location Hub using the SwipeSense Mobile App.
3. Enter all assignment-related information for the Location hub to the SwipeSense Mobile App.
4. Use the pre-applied mounting tape and bracket to ensure solid connectivity to the power outlet.
5. Make sure the Location Hub is aligned correctly, so that the blue LED light is pointed towards the ceiling.

   NOTE: Install either in the top outlet for two outlet fixtures or the top left outlet for four outlet fixtures.

6. The blue light will light and stop flashing once it is communicating with the communication hub.

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Location Optimization

If a comprehensive assessment has not been completed, identify the outlet/power supply as needed. Refer to Figure 2, for a diagram identifying the best options, which are the ones closest to the patient. Choose locations:

- with a clear line of sight of the patient,
- that the healthcare provider is likely to face while interacting with the patient,
- avoid obstructions like medical or patient equipment and belongings, and
- that are not in the corners which will reduce the monitoring field of the Location Hub.

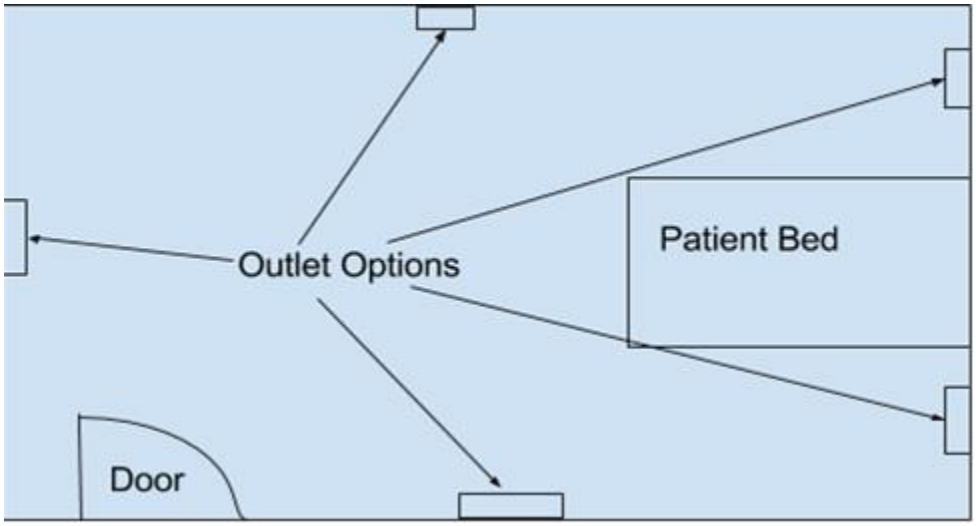

Figure 2: Patient Room