



SwipeSense, Inc.  
4424 N Ravenswood Ave.  
Chicago, IL. 60640  
(847) 440-6215

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# Communication Hub

## User Manual



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## Safety and Regulatory Information

This device complies with part 15 of the FCC Rules. 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.

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

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. These limits are designed to provide reasonable protection against harmful interference in a residential installation. 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.

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

### RF Exposure:

This equipment complies with FCC RF Exposure requirements and should be installed and operated with a minimum distance of 20cm between the radiator and any part of the human body.

#### 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

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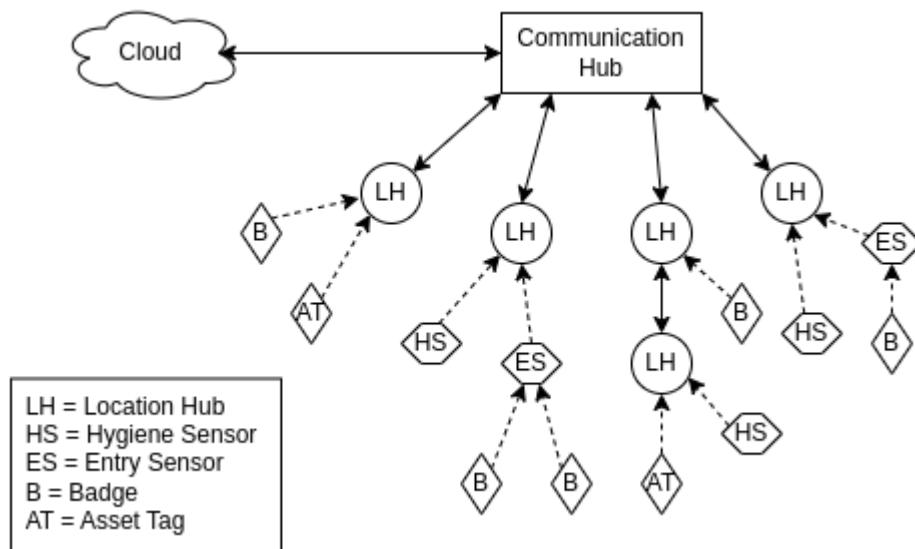
## System Description

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 comprised of:

- Badges worn on individual employees
- Asset tags attached to assets that should be tracked
- Hygiene sensors mounted to hygiene dispensers tracks employee hand sanitation frequency
- Entry sensors installed in door thresholds to provide real time feedback
- Location hubs monitor employee presence in patient rooms and asset locations
- Communication hub located on each unit 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 at a nurse's station. This device receives information from the Location Hubs, Hygiene Sensors, Entry Sensors, and Badges. It also transmits software updates to the Location Hubs, Hygiene Sensors, Entry Sensors, and Badges as necessary. A picture of an installed Communication Hub is provided in Figure 1.



Figure 1: Installed Communication Hub

## Installation Procedure

1. Select a location near a power outlet and Ethernet connection.
2. If the Communication Hub is not pre-assigned, record the serial number and add the device to the Unit Device Map, ensuring placement on the map reflects the chosen location.
3. Wipe down the wall and let dry to remove oil and debris.
4. Apply mounting adhesive to the back of the Communication Hub.
5. Position the Communication Hub on the wall.
6. Connect the Ethernet cable to the Communication Hub.
7. Connect the power cable to the Communication Hub. A slowly blinking blue light indicates the device is fully operational.