1. METHODOLOGY
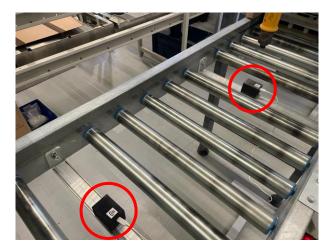# Product Tracking Node

1. Install the support structure for the node in the designated monitoring area on the conveyor.

2. Securely affix the node to the structure with tape and connect it to the power supply. Ensure its successful Wi-Fi network connection by listening for the confirmation melody.

3. Attach the RFID cards to the industrial trays in a non-metallic surface in proximity to the node. Confirm that when the tray passes by, it triggers an audible signal from the node.

2. METHODOLOGY
Employee's Proximity Node

1. Securely affix the node with tape in the designated room or area to monitor. Be aware that locations with the presence of metal can affect the BLE signals.

2. If you want to locate a person, distribute the beacons among them and keep a record of their IDs. If you aim to track moving objects, securely attach the beacons to those objects.

3. METHODOLOGY
Task Monitoring Node

1. Attach securely the module to a table with velcro. Connect the module to the electrical power supply. If the screen turns on, the power supply has been successfully established.

2. Place the user identification card on the center of the module. Confirm the name displayed on the screen.

3. Insert the task card into the task holder for the task to be executed.

4. Press **green button** to start.

5. Whenever you complete a task, press the **green button**.

6. Press the **yellow button** anytime you do a break, need to handle materials or switch employee.

3.1 SCREEN DETAILS

Employee

Task being performed

Current duration of task [min:sec]

OPERADOR: Isabel
TAREFA: Montagem MFALG MEDIA: 02:07

00:26

-00:16

TOTAL:01:43

Average duration of task [min:sec]

Time difference in relation to average [min:sec]

Total time spent performing task [h:min]

3.2 TROUBLESHOOT

On the home screen, it indicates whether the sensors are functioning correctly. If it displays "Check RFID/ToF," open the box and adjust the wires until the message "RFID/ToF connected" is displayed.

If the screen unexpectedly stops, disconnect and reconnect the module from the power source and confirm initializations.

If you insert the wrong task card into the holder, simply remove it and insert the correct one.

If there is a task not covered by the cards, use one of the blank cards and label the task accordingly.