

Brightsign Plugin Installation manual

August 2024

Contents

● ● Upload Sensmi plugin

- 02 - Open BA Connected
- 02 - Login to BSN Cloud
- 03 - Select and upload plugin files
- 03 - Place in Sensmi plugin folder

Setup BA Presentation

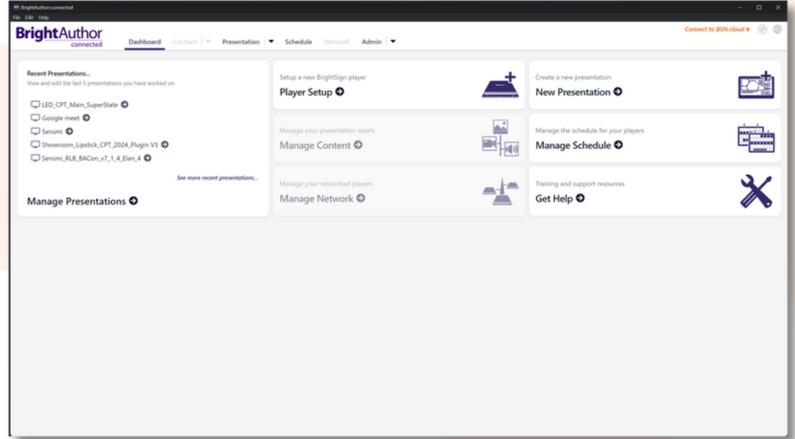
- 04 - Open existing BA Connected presentation
- 04 - Add auxiliary files
- 04 - Select Sensmi script
- 05 - Create Sensmi variables
- 06 - Connect to dashboard templates
- 06 - Publish to players

Confirming connection to Sensmi

- 07 - Login to Sensmi
- 07 - Navigate to devices
- 08 - Confirm player details
- 08 - Check device attributes
- 08 - Confirm incoming telemetry

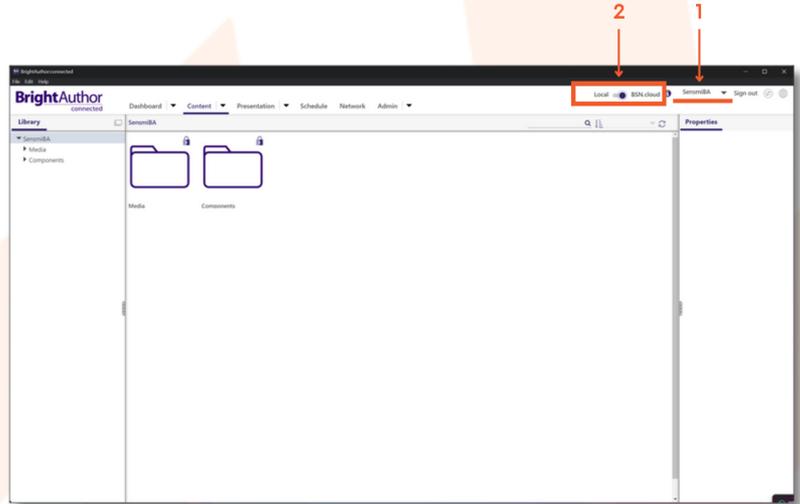
Open BA:Connected

Ensure that your version of BA:Connected is above 1.42.0



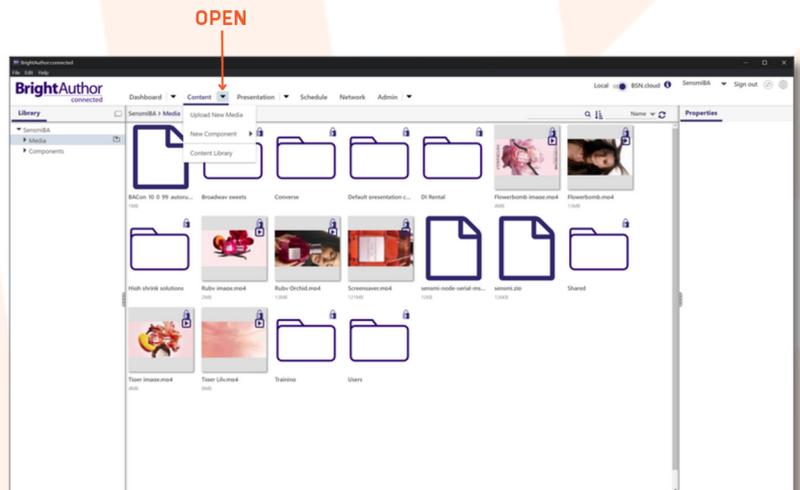
Switch to cloud

1. Ensure you are logged into your BSN Cloud account
2. Turn the toggle to "Cloud"



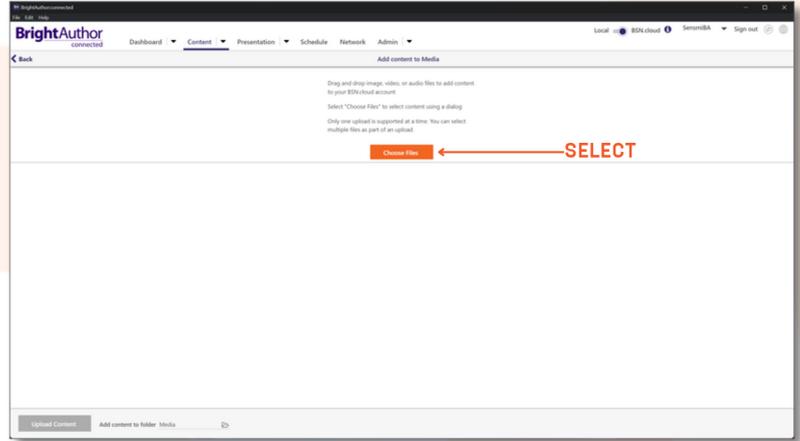
Upload the plugin files

Select the content dropdown and click "Upload new media"



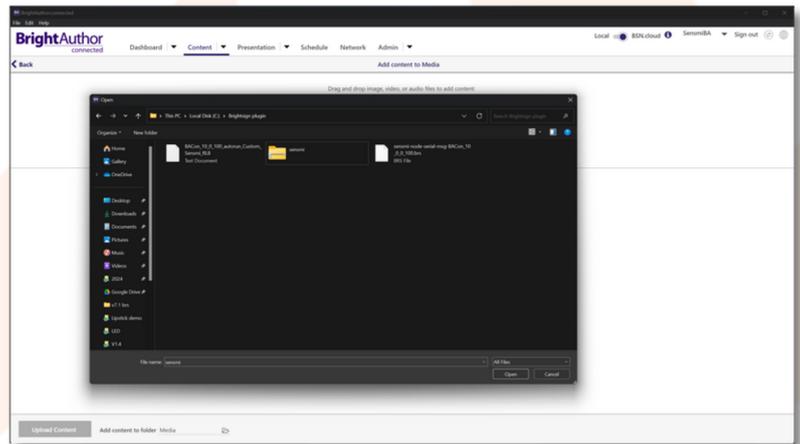
Select files

- Click "Choose files"



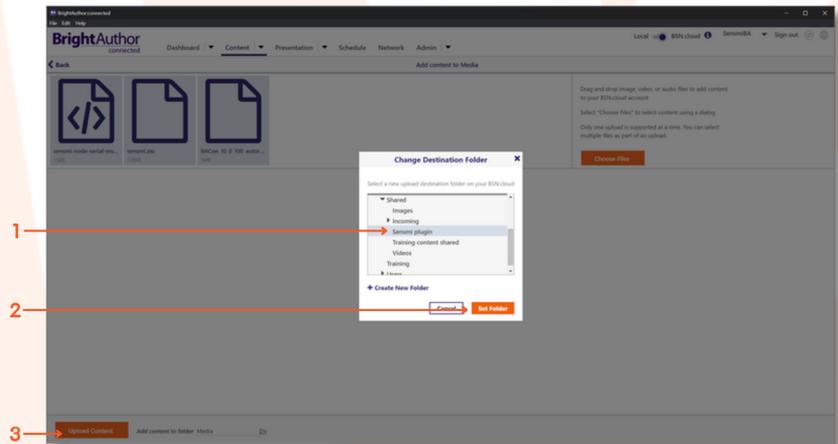
Select files

- BACon_10_0_100_autorun_Custom_Sensmi_RLB
- sensmi-node-serial-msg-BACon_10_0_100.brs
- sensmi.zip



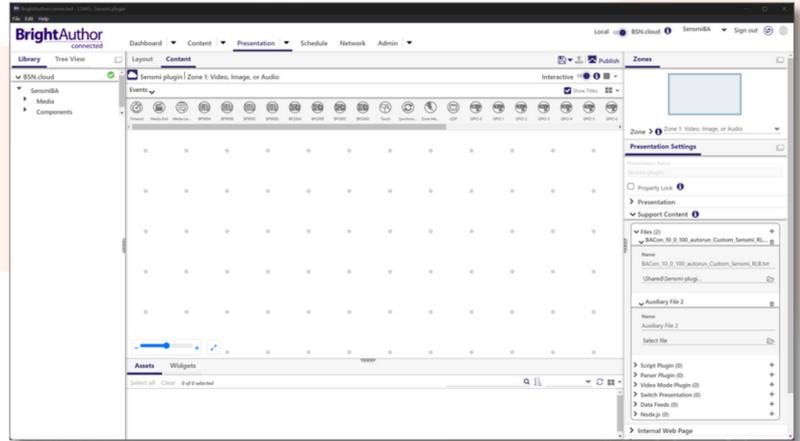
Place in a Sensmi folder

1. Create Sensmi plugin folder
2. Select folder
3. Click upload



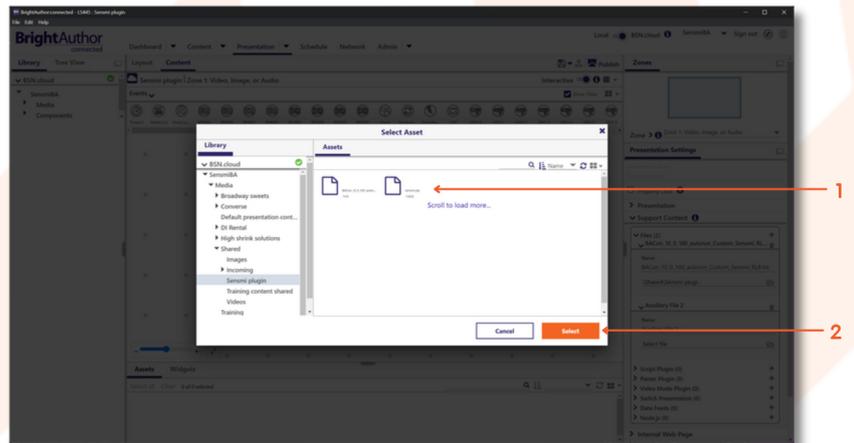
Open existing presentation

- Open an existing Nexmosphere presentation



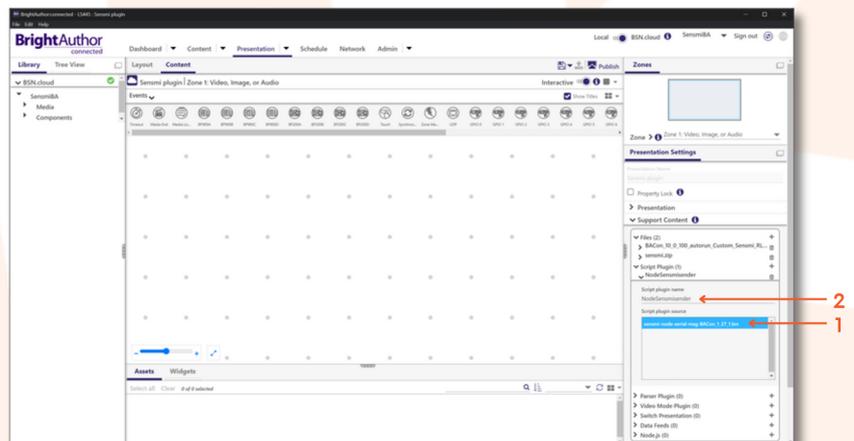
Support files

1. Add the following 2 files to the support files
 - a. BACon autorun file
 - b. sensmi.zip
2. Click select for each



Script plugin file

1. Select the Sensmi node.brs file
2. Name the file "NodeSensmisender"
 - a. Ensure that this is as per the above

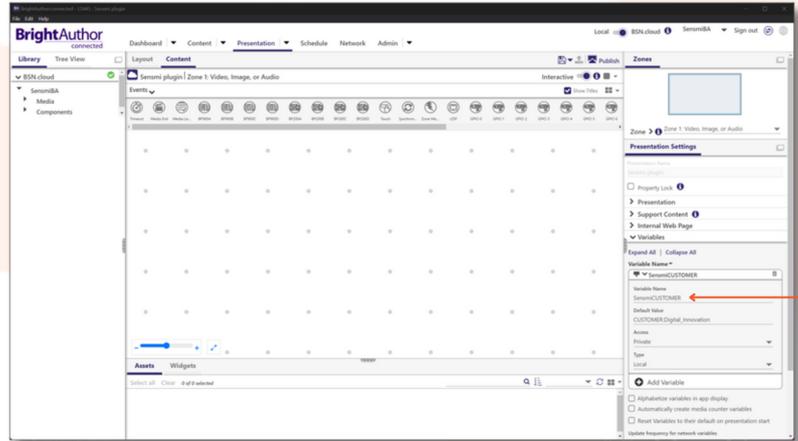


Add Sensmi variables

Under the variables section, you will need to add the following variables:

- SensmiCUSTOMER

Please see table below for other options to be added.



| Variable name | Value | Notes |
|------------------------|----------------------|--|
| SensmiCUSTOMER | CUSTOMER:XXXX | Change XXXX to your customer name provided by Sensmi team |
| SensmiEngagement_Ports | Engagement_ports:001 | Change "001" to the port numbers that you have presence sensors connected to |
| SensmiFiltersCountry | Country:Netherlands | Change to your country name |
| SensmiFiltersTemplate | Template:XXXX | Change XXXX to the relevant template code |

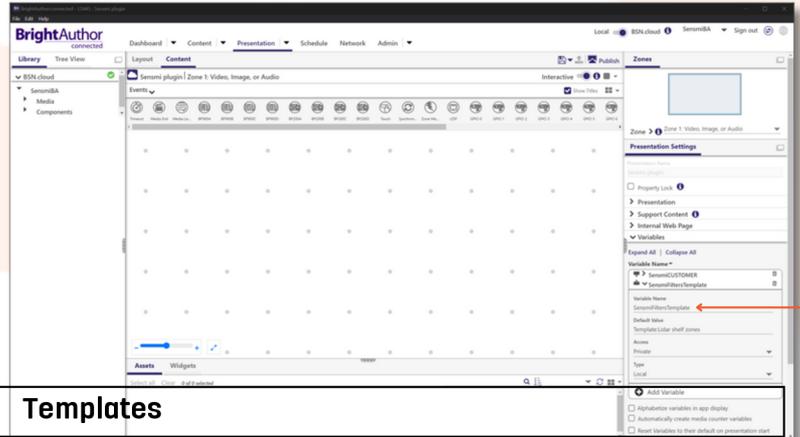
Connection to dashboard

Under the variables section, you will need to add the template variable to connect to a dashboard automatically:

Variable name = SensmiFiltersTemplate
Variable value = Template: xxxxxxxxxxxx

xxxxxxxxxxx = Code below

Please see table below with other dashboard templates



Template

Templates

| Name | Code (Brightsign) | Sensors | Presence add-on | Presence sensor |
|--|-----------------------|-----------------------------------|-----------------|-----------------------------|
| Lidar presence total | Lidar_Presence_Total | XQ-L2 / XQ-L5 | X | |
| Lidar presence zones | Lidar_Presence_Zones | XQ-L2 / XQ-L5 | X | |
| Lidar shelf zones | Lidar_Shelf | XQ-L2 / XQ-L5 | X | |
| Weighted bar shelves | Weight_Bar | XZ-W11 / XZ-W21 / XZ-W51 | X | |
| Weighted shelf interactions | Weight_Shelf_Int | XZ-S41 / XZ-S46 / XZ-S82 / XZ-S86 | X | |
| Weighted shelf stock levels | Weight_Shelf_Stock | XZ-S41 / XZ-S46 / XZ-S82 / XZ-S86 | X | |
| Lift and Learn (RFID) | L&L_RFID | XR-DR1 | X | |
| Lift, Learn and Presence (RFID) | L&L_RFID_Presence | XR-DR1 | TRUE | XY-240 / XY-241 / XY-251B/G |
| Lift and Learn (Light sensors) | L&L_Light | XZ-L20 | X | XY-240 / XY-241 / XY-251B/G |
| Lift, Learn and Presence (Light sensors) | L&L_Light_Presence | XZ-L20 | TRUE | XY-240 / XY-241 / XY-251B/G |
| Place and learn (RFID) | P&L_RFID | XR-DR1 | X | |
| Place, Learn and Presence (RFID) | P&L_RFID_Presence | XR-DR1 | TRUE | XY-240 / XY-241 / XY-251B/G |
| Lift and Learn (Wireless pickup sensors) | L&L_Wireless | XF-P3 | X | |
| Lift, Learn and Presence (Wireless pickup sensors) | L&L_Wireless_Presence | XF-P3 | X | XY-240 / XY-241 / XY-251B/G |
| Presence only | Presence | XY-240 / XY-241 / XY-251B/G | X | |

Nexmosphere demo kits

| Name | Code (Brightsign) | Presence add-on | Presence sensor |
|----------------------------------|-------------------|-----------------|-----------------------------|
| Lift & Learn with RFID | DM-LL1 | X | XY-240 / XY-241 / XY-251B/G |
| Lift & Learn with Weight Sensor | DM-LL2 | X | XY-240 / XY-241 / XY-251B/G |
| Lift & Learn for Stocked Shelves | DM-LL3 | | |

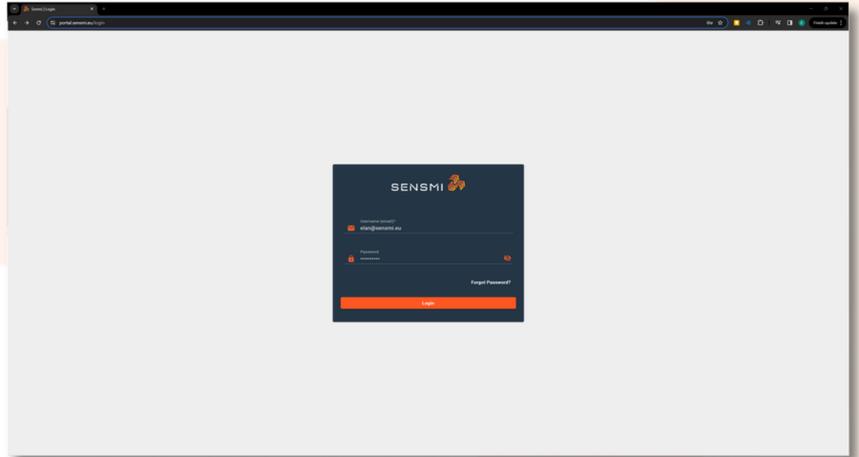
Save and publish

- Save presentation
- Publish presentation to players
- Wait 90 seconds after player reboots before confirming connection on the Sensmi platform

Connection confirmation

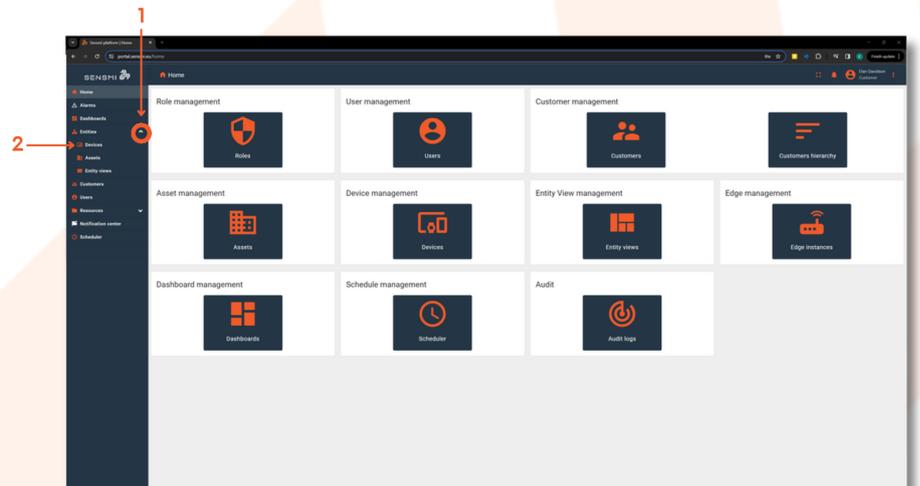
Login to Sensmi

- Email address & password are required



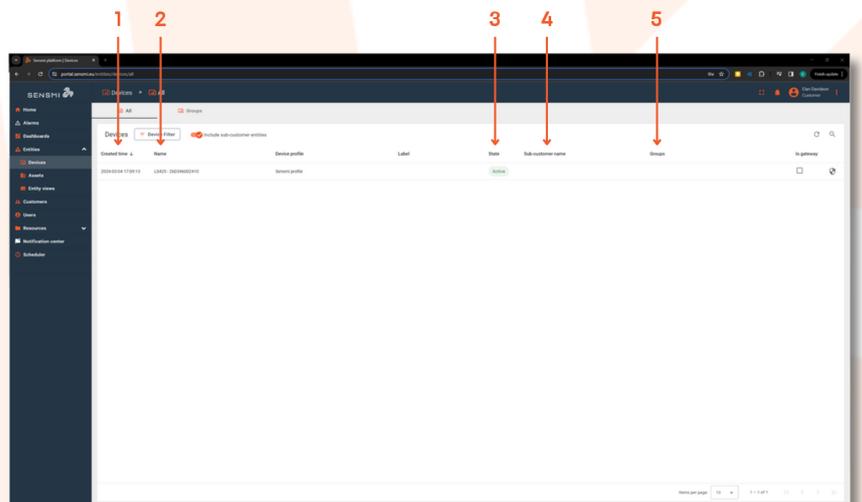
Navigate to devices

- Click "Entities" dropdown
- Click on "Devices"



Player information

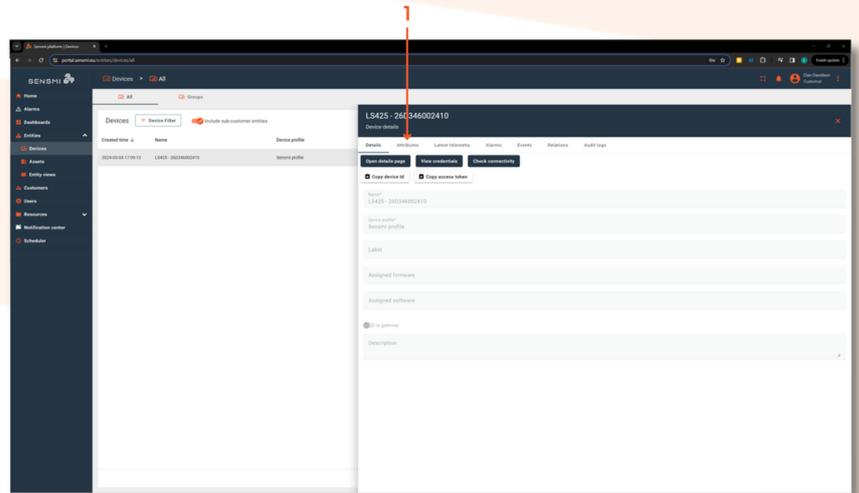
- Created time (when device first connected)
- Name
 - "Brightsign player model" + "Serial number"
- State
 - Used to monitor if the device is online
- Sub-customer name
 - User level access for system integrators
- Groups
 - Device grouping
- Click on a device



Connection confirmation

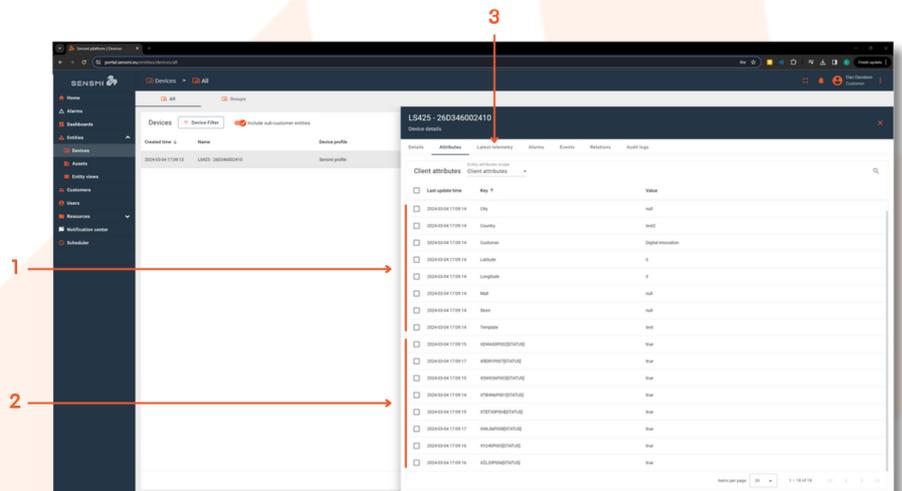
Confirm all details

1. Click on "Attributes"



Check attributes

1. Confirm all filters are present
2. Check list of connected sensors
3. Click on "Latest telemetry"



Check incoming telemetry

1. Interact with connected sensors
2. Confirm telemetry is coming through

