

# Brightsign Plugin Installation manual

August 2024

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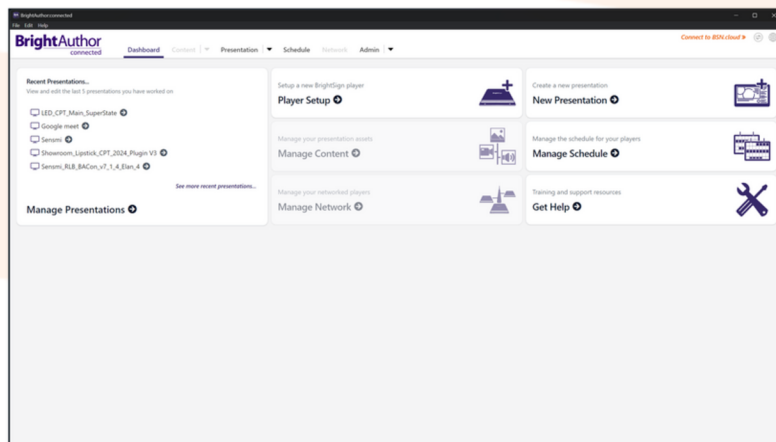
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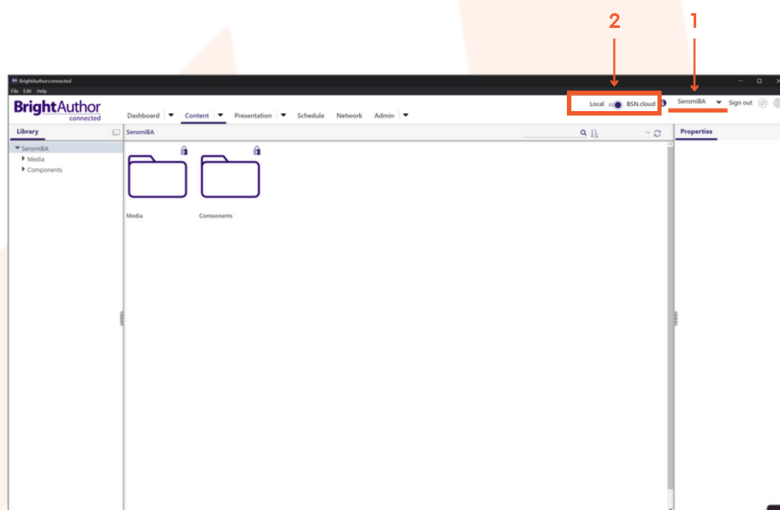
## Open BA:Connected

Ensure that your version of BA:Connected is above 1.42.0



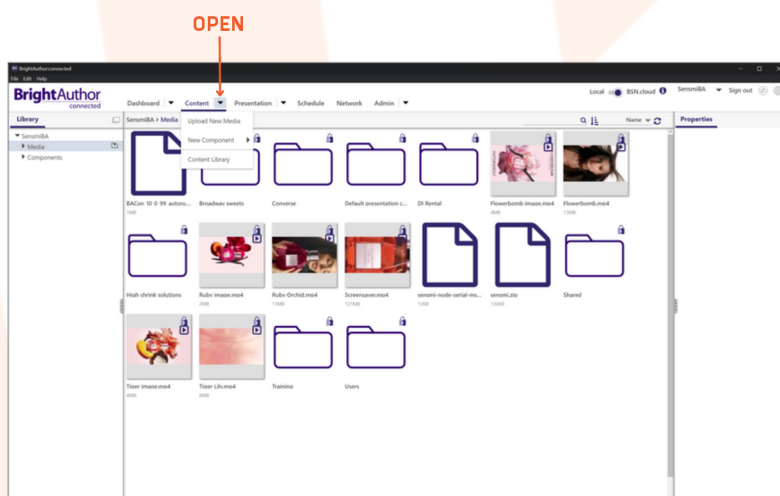
## Switch to cloud

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



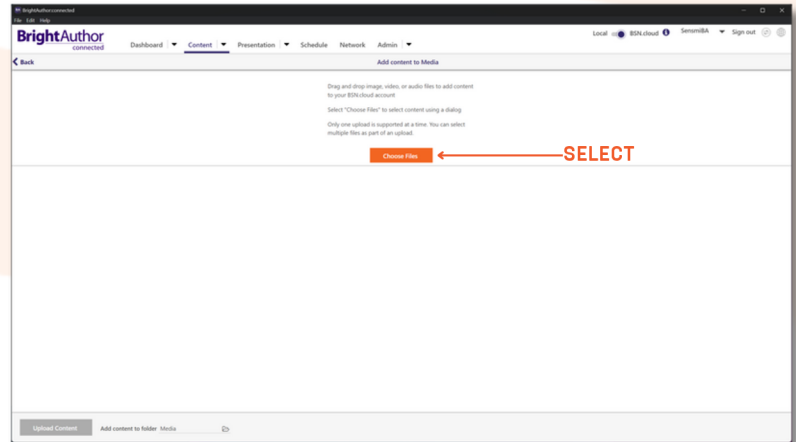
## Upload the plugin files

Select the content dropdown and click "Upload new media"



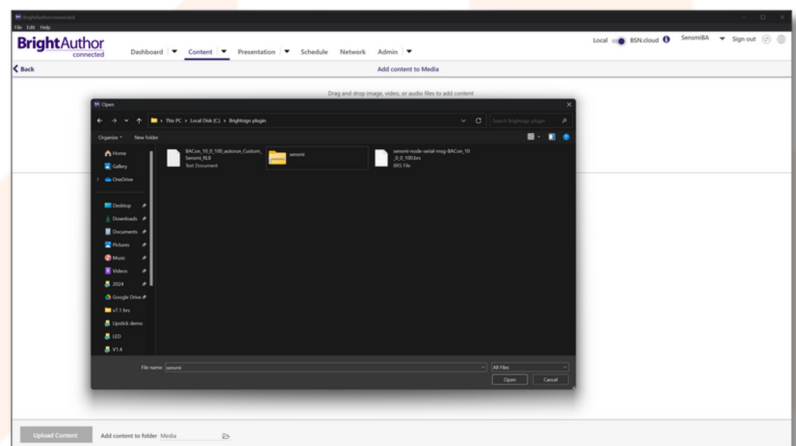
### Select files

- Click "Choose files"



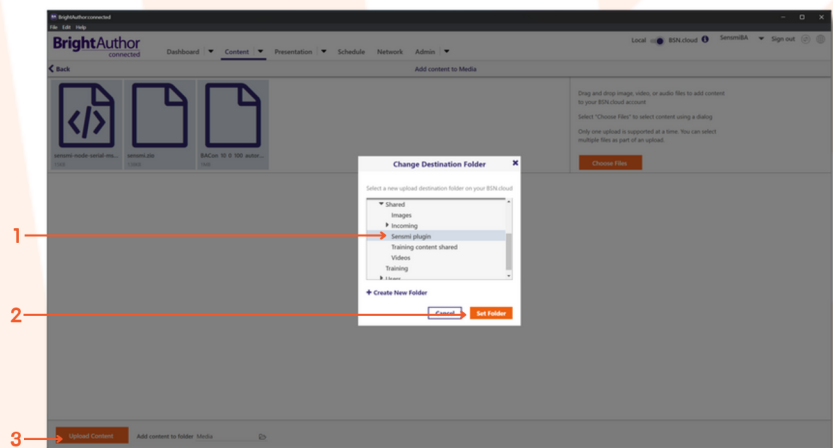
### Select files

- BACon\_10\_0\_100\_autorun\_Custom\_Sensmi\_RLB
- sensmi-node-serial-msg-BACon\_10\_0\_0\_100.brs
- sensmi.zip



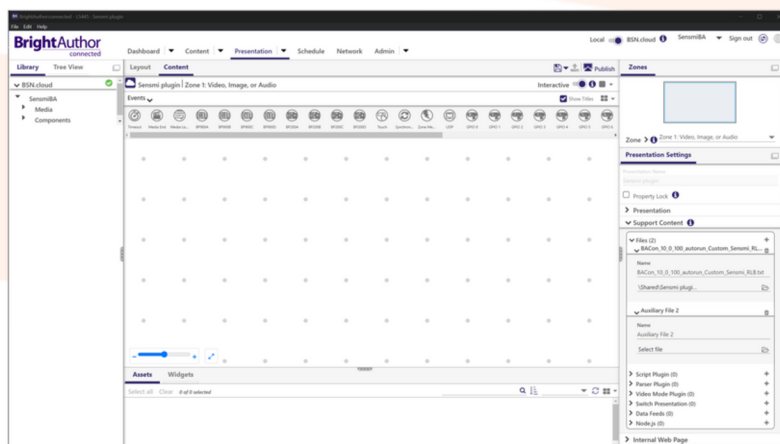
### Place in a Sensmi folder

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



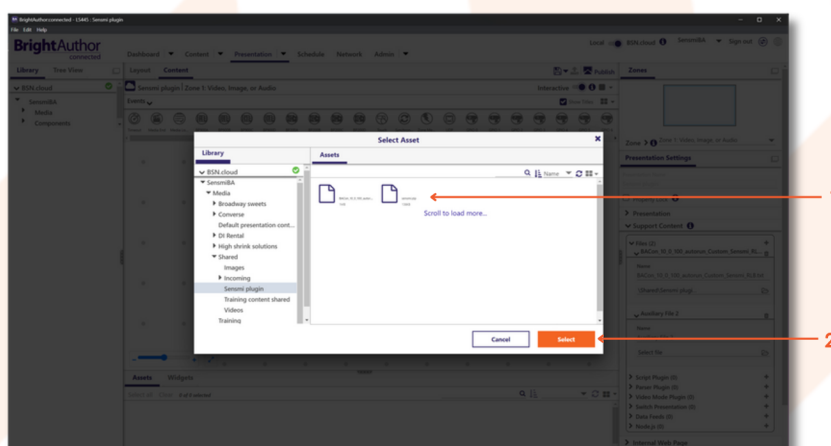
## Open existing presentation

- Open an existing Nexmosphere presentation



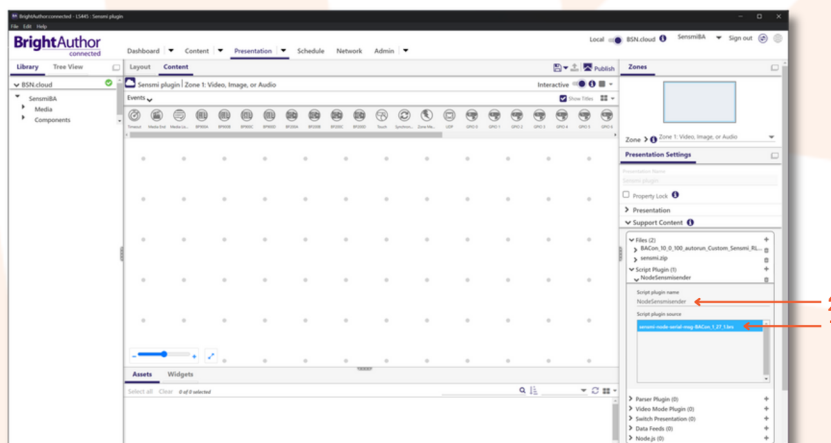
## Support files

1. Add the following 2 files to the support files
  - a. BACnet\_automation 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

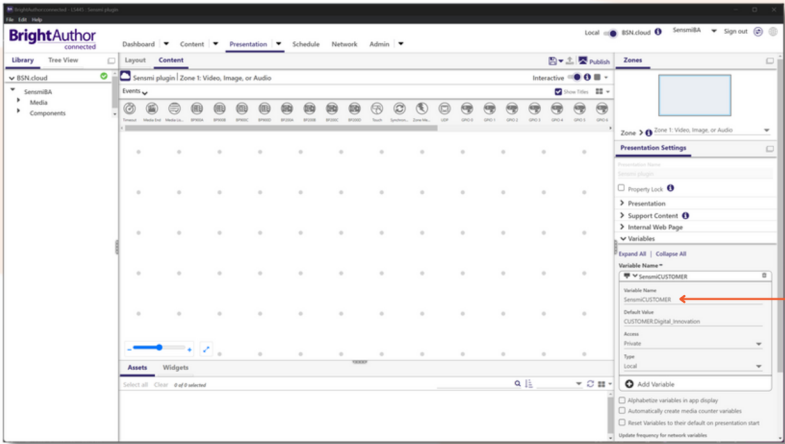


### Add Sensmi variables

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

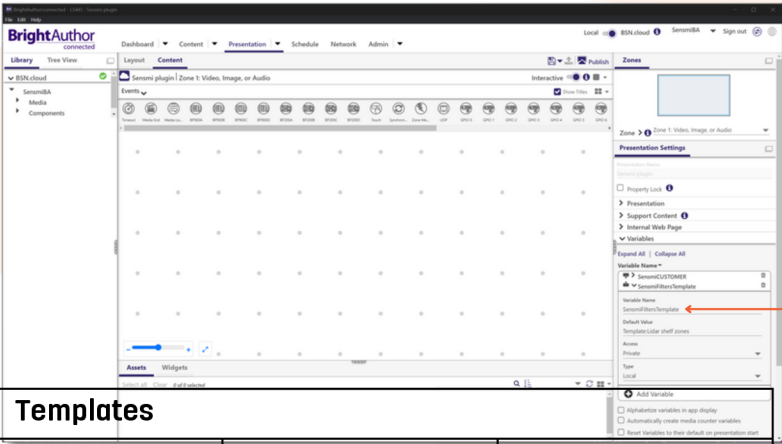
Connection to dashboard

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

xxxxxxxxxx = 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	

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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		

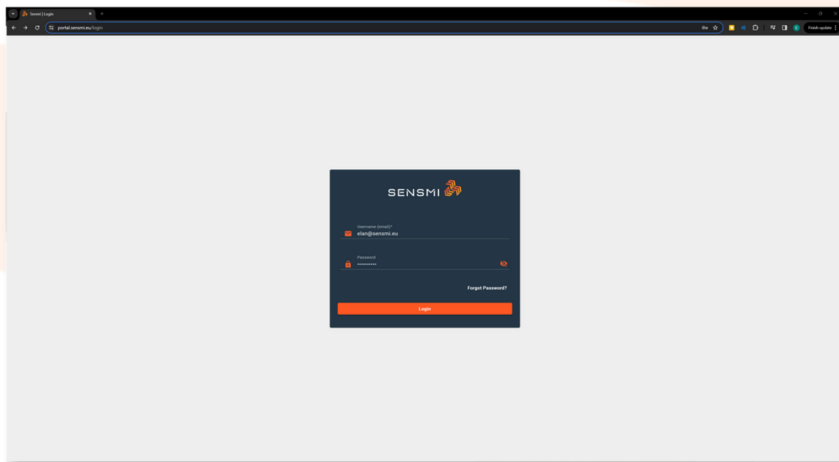
Save and publish

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

## Connection confirmation

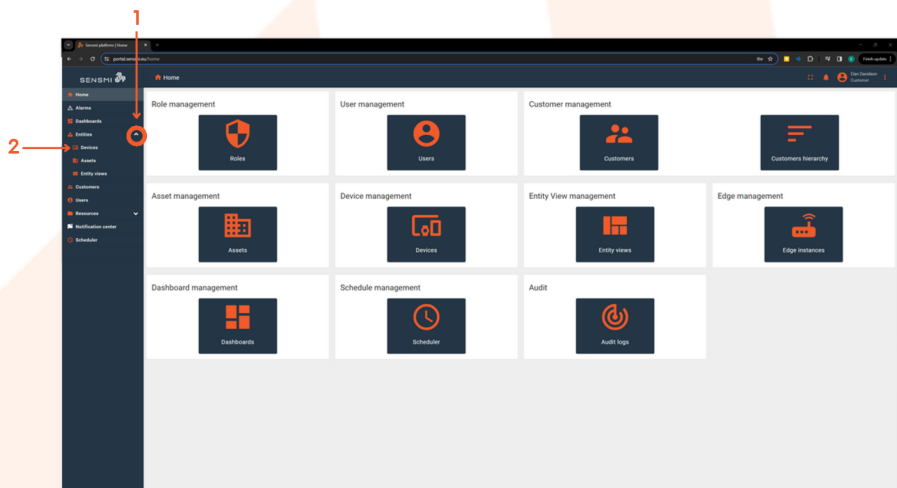
### Login to Sensmi

- Email address & password are required



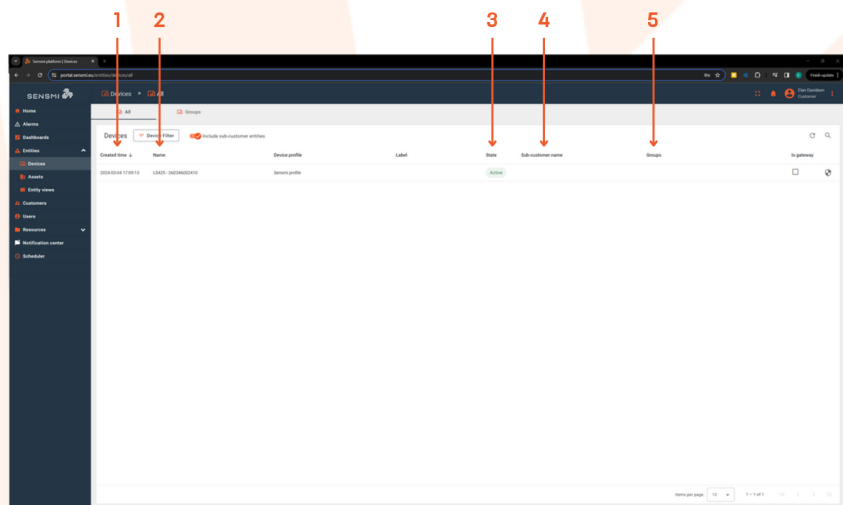
### Navigate to devices

- 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

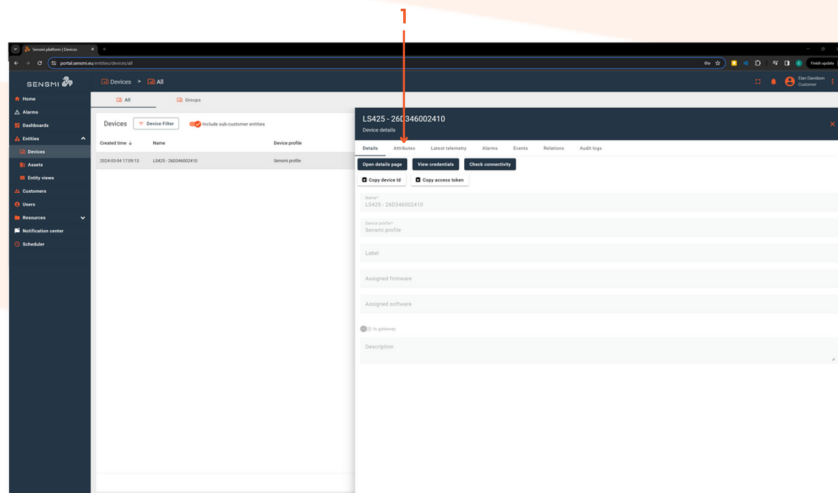




## Connection confirmation

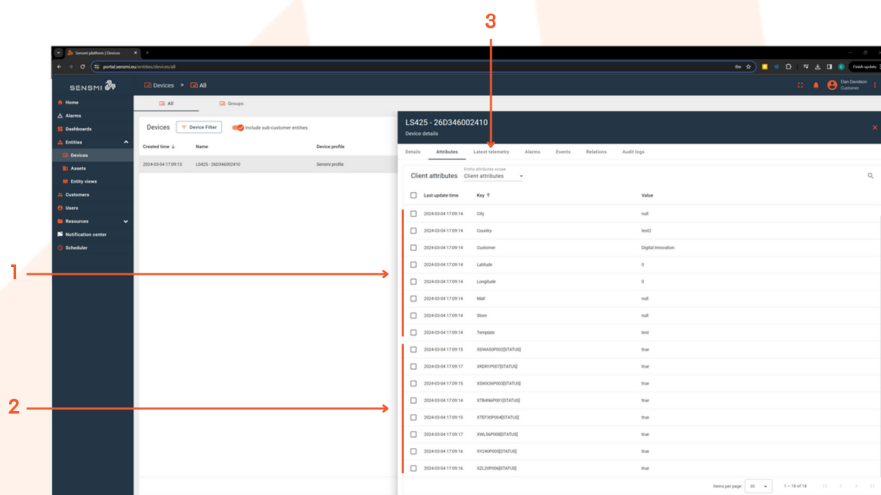
### Confirm all details

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

