

Installation manual March 2024

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Bright Author 5

Download plugin files

- BA Classic folder
 - Sensmi.zip
 - sensmi-node-serial-msg.brs
 - BACL_autorun_Custom_Sensmi.brs

Plugin can be requested via email from: info@sensmi.eu



Open existing BA Presentation

• Open your existing Bright Author presentation which includes Nexmosphere triggers



| Open presentation properties

Click "File > Presentation Properties"

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Bright Author 5

Add in the Autorun file

- Click "File > Presentation Properties"
- Select "Autorun" tab
- Add a script plugin (plus symbol)
- Locate the "sensmi-node-serial-msg.brs" files
- Name is "NodeSensmisender"



Add in the additional files

- Select "Files" tab
- Add a script plugin (plus symbol)
- Locate the "BACL_autorun_custom_Sensmi_RLB.brs" file
- Locate the "sensmi.zip" file
- Once all files are added, click OK



Save presentation

- Save BS Presentation
- Select Publish tab at the top of Bright Author 5

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Bright Author 5





BA Connected

Open BA:Connected

Ensure that your version of BA:Connected is above 1.27.1



Switch to local

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



Open existing presentation

Select an existing Nexmosphere + BrightSign presentation





BA Connected

Add auxiliary files

- 1. Select the "Support content" dropdown
- 2. Click the "+" icon to add a new file
- 3. Click the "Folder" icon to access your local files



Locate plugin folder

- Add both of the following files to "Files"
 - BACon_autorun_Custom_Sensmi_RLB.txt
 - sensmi.zip

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Confirm correct files are added

Example in image





BA Connected

Add autorun script

- 1. Select the "Script plugin" dropdown
- 2. Click the "+" icon to add a new file
- 3. Locate "sensmi-node-serial-msg-BACon_1_27_1.brs
- 4. Name plugin "Node<mark>Sensmisender"</mark>
 - Name is case sensitive



Upload contents to BSN

1. Click upload

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Confirm files are uploaded





BA Connected

Switch over to BSN

- 1. Save presentation
- 2. Toggle to BSN Cloud



Schedule + Upload Example in image



Confirm connection to the Sensmi portal

Continue to page 9...



Connection confirmation

Login to Sensmi

• Email address & password are required



Navigate to devices

1. Click "Entities" dropdown

2. Click on "Devices"



| Player information

- 1. Created time (when device first connected) 2. Name
- "Brightsign player model" + "Serial number"
 State
- Used to monitor if the device is online
- 4. Sub-customer name
- User level access for system integrators
 Groups
- Device grouping
- 6. 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"

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Check incoming telemetry

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

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<u>Gateway</u>

Sensmi Gateway can be purchased directly from:

www.nexmosphere.com

Convert existing installation

- Turn all power to media player off
- Unplug Nexmosphere controller from media player
- Plug Nexmosphere controller into Sensmi Gateway
- Plug Gateway into media player
- Turn power back on

Input & Output





Nexmosphere Controller

Connect Gateway to Ethernet

NB: If possible, please connect Gateway to the internet via ethernet for best reliability.





<u>Gateway</u>

Provisioning Gateway

NB. If using Ethernet, please connect before continuing

- Power device on
- Hold provisioning button for 5 seconds
 - Indicator light will flash BLUE when ready







Gateway

Connect Gateway to WiFi

- 1. Click "Connectivity"
- 2. Select WiFi SSID 3. Enter password
- 4. Click "Save"



Provision device details

1. Click on "Device"

Device details:

- Gateway name
- Unique name required
- Customer UID
- Name of the customer
- Brand
- Country
- Area
- Town
- Select a controller
 - Nexmosphere controller that is being used
- 2. Once completed, click "Save"



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<u>Gateway</u>

Calibrate presence zones

- 1. Click on "Presence"
- 2. Select port for presence sensor
- 3. Using sliders, confirm zone ranges
- 4. Click "Save"
- 5. When done, click "Finish & Exit"

Device will restart:

 Green light will flash slowly if device setup was successful

For connectivity confirmation, go to page 9.





<u>Gateway</u>

BrightSign troubleshooting steps

- 1. Update BrightAuthor / BA Connected software
- 2. Update device firmware to latest firmware
- 3. Download and publish latest plugin

If above does not resolve the error, please continue with the guide below

Gateway diagnostics (lights)

LED Colour	Solid / Blinking	Blinks / Duty cycle	Status	Resolution
Green	Solid	ON	Normal operation	-
Green	Blinking	2 Blinks	Gateway resetting	Wait 5 Seconds then follow page 12
Green	Blinking	5 Blinks	Initializing ethernet connection	Wait 2 Seconds
Green	Blinking	1 Blink	Initializing Wifi connection	Wait 2 Seconds
Blue	Blinking	2 Blinks	Provisioning mode	Check page 12
Blue	Blinking	1 Blink	Sensor port checking state	Wait 5 Seconds
Red	Blinking	5 Blinks	Unable to connect to portal	Check internet connection

Device not showing on Sensmi portal

- Check config file (BrightSign only)
- Customer not registered
- Subscription payment not up to date

Telemetry not coming through

- Check internet connection
- Reset Device Page 12 (Gateway only)
- Republish BrightSign presentation
 - Bright Author 5 Page 2
 - BA Connected Page 5

If no re<mark>solution, log tic</mark>ket with Sensmi technical support (technical@sensmi.eu)

Incorrect telemetry data

- Refer to basic troubleshooting steps
- Log ticket with Sensmi technical support (technical@sensmi.eu)