# AEON Communication Channels

To integrate the AEON platform it is necessary to use one of the SDKs available in its web page: <http://aeon-dashboard.herokuapp.com>. To get the documentation about how to use the SDK you can use this link:

<http://aeon-back.herokuapp.com/public/doc/html/>

Finally, here are the publication and subscription channels that are available to be used by one of the local CPSS.

## LS Channel

* Publication: <http://aeon-back.herokuapp.com/publish/b3436faa-a32e-4535-ab9b-c1f1e5071920>
* Subscription: <http://aeon-back.herokuapp.com/subscribe/444196bf-9452-4bad-95a5-0aab2bf7b4ee>

## D-TUBE Channel

* Publication: <http://aeon-back.herokuapp.com/publish/af454eef-d96a-4a13-9604-4064c2727061>
* Subscription: <http://aeon-back.herokuapp.com/subscribe/4d6d1e27-205c-44a0-bfd8-28a8edca0374>

## Dev.Events Channel

* Publication: <http://aeon-back.herokuapp.com/publish/76744391-dcfc-493c-a37d-bfe7b3284046>
* Subscription: <http://aeon-back.herokuapp.com/subscribe/85082ece-c08a-4d20-af85-d9bf5804a355>

## Sensors Channel

* Publication: <http://aeon-back.herokuapp.com/publish/7f61b87e-1547-4945-bf27-8863fd5f4378>
* Subscription: <http://aeon-back.herokuapp.com/subscribe/06ab4ff0-4cf8-45b8-a40a-dd03750e61c9>

## Transport Events Channel

* Publication: <http://aeon-back.herokuapp.com/publish/2cfc5ae1-8c67-4096-88eb-382c07632c17>
* Subscription: <http://aeon-back.herokuapp.com/subscribe/75f2913d-2821-4a27-8049-e6e67203d433>

## Image Recognition Channel

* Publication: <http://aeon-back.herokuapp.com/publish/97dbc0a8-3180-458a-ac3e-c96150d6723a>
* Subscription: <http://aeon-back.herokuapp.com/subscribe/92d3be12-8a3a-4dc0-abec-3de1357e0efc>

**Alarm Channel**

* Publication: <http://aeon-back.herokuapp.com/publish/7a48a3a9-4cad-4cea-94a1-836071db3801>
* Subscription: <http://aeon-back.herokuapp.com/subscribe/66ba3dda-f6b4-488a-a2b4-c64c49b384e6>

# Scripts to monitor the AEON bus while publishing

To monitor if the messages published to AEON are really there, a little script has been provided. This script is a node.js application; therefore, you should have node.js installed in your equipment.

In the package there is a compressed file: AeonSDK-nodejs\_0.2.1.tgz

To start using this application it is necessary to do what next:

* Open a terminal and navigate to the script directory.
* Type *“npm install AeonSDK-nodejs\_0.2.1.tgz”.*
* Type *“node receivemessages.js (ls|dtube|sensors|devEvents|alert)”.* We will subscribe to the data or alert channel depending what we choose when running the script.

In this moment, a subscription to the data or alert channel will be established and we will start receiving all the messages published on these channels.