

Introduction

This Application note shows the first steps with your WS2 Cellular and the dots platform. If you want the official technical characteristics document (TC-WS2-Cellular) access

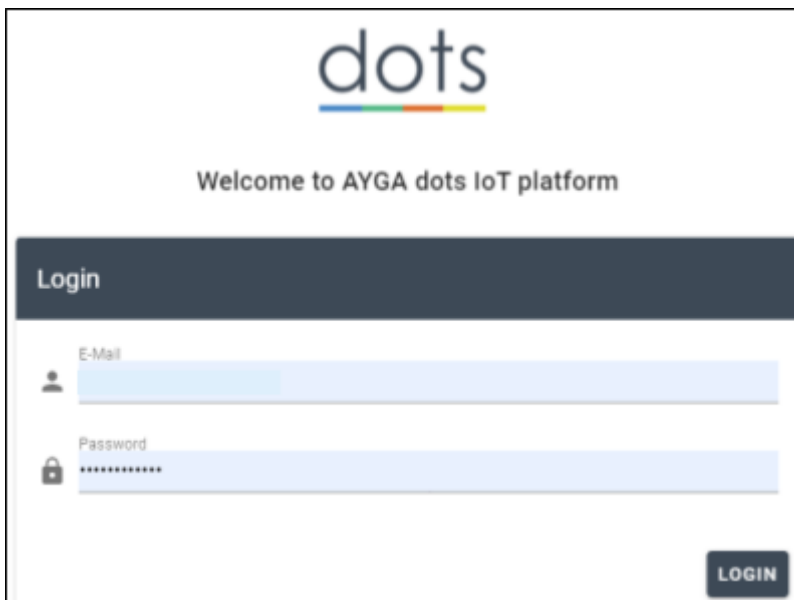
<https://www.en.ayga.com.br/suporte>

First steps on dots

The IoT platform AYGA dots supports integrally all features of WS2 and it is an extremely powerful way for connecting WS2 devices. It is also the best way to visualize all the motion, temperature and location data collected by your WACS device.

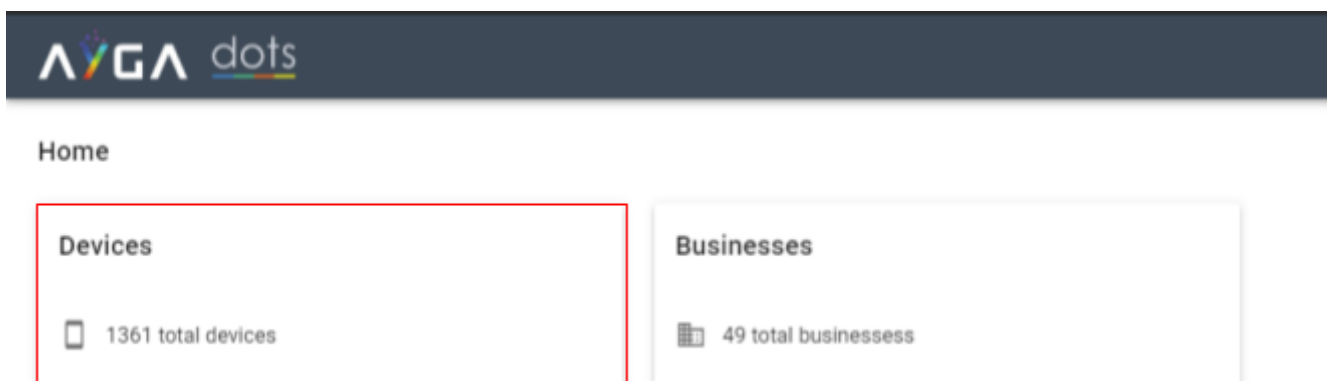
Step 1: Login in your dots platform

To buy your dots license contact our commercial team in sales@ayga.com.br.



Step 2: Click on the tab Devices

This tab will open your devices available for parameterization.



Step 3: Choose a device to parameterize

Choose a device you want to parameterize, you can use the search bar to filter a specific device by its ID or description.

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ID	Description	Parameterization
000000E7	Device Ayga para testes 1	Waiting
000000FB	Device Ayga para testes 2	Waiting

Step 4: Click on edit

In the configuration tab click on edit to start parameterize your device



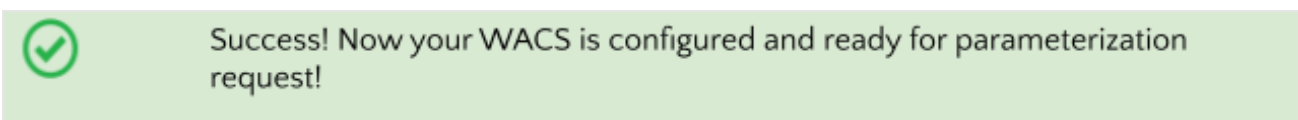
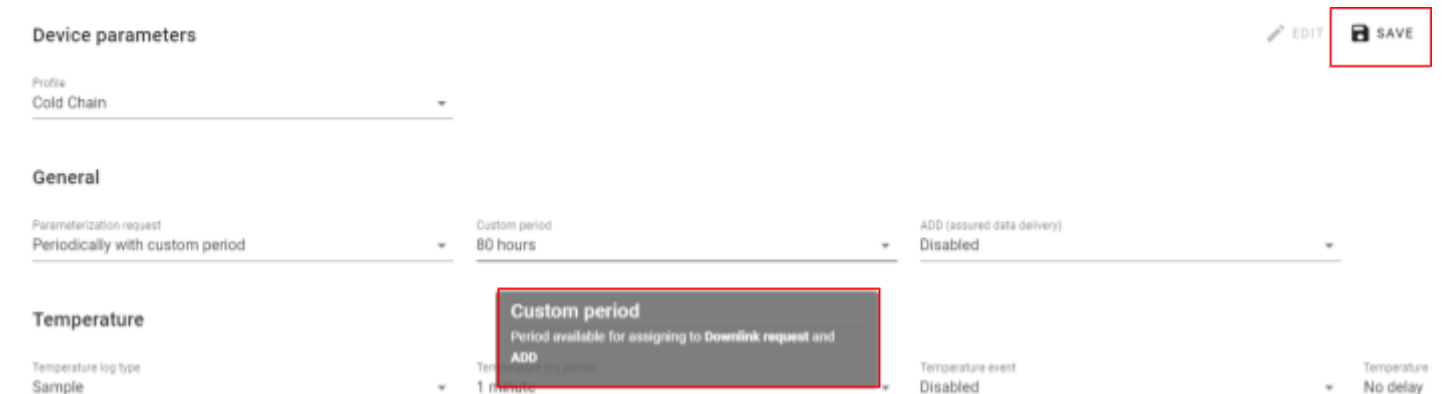
Step 5: Choose your profile

There are three profiles available for WACS devices, check what is the best for your application according to the features available in each one of them.



Step 6: Configure your device and save

Configure your device according to your requirements and click on save after it. If you have any doubt about the parameterization, pass your mouse in front of it to activate a tooltip.



Parameterization request using the button

When you execute this process, WACS asks dots for new parameterizations remotely. It is important to highlight that if you use the button for parameterization request, the device will not have IP protection.

Step 1: Press the button for 5 seconds

To press the button use a paperclip:



Step 2: Check the LED

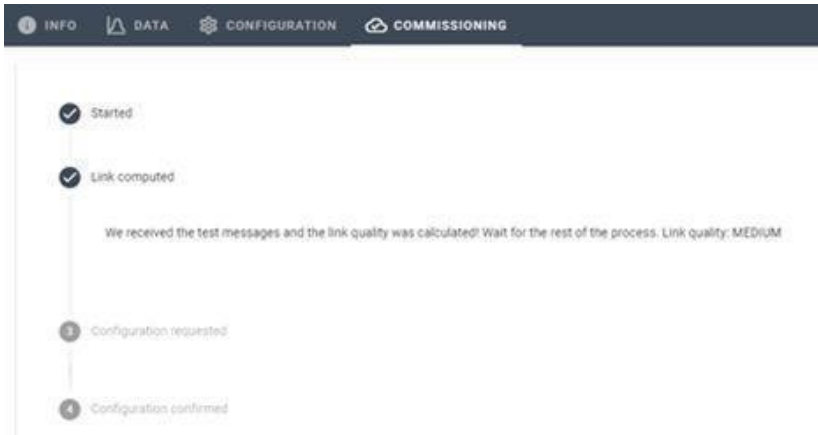
When the red LED on the top of WACS is blinking fast, it means the parameterization request started:



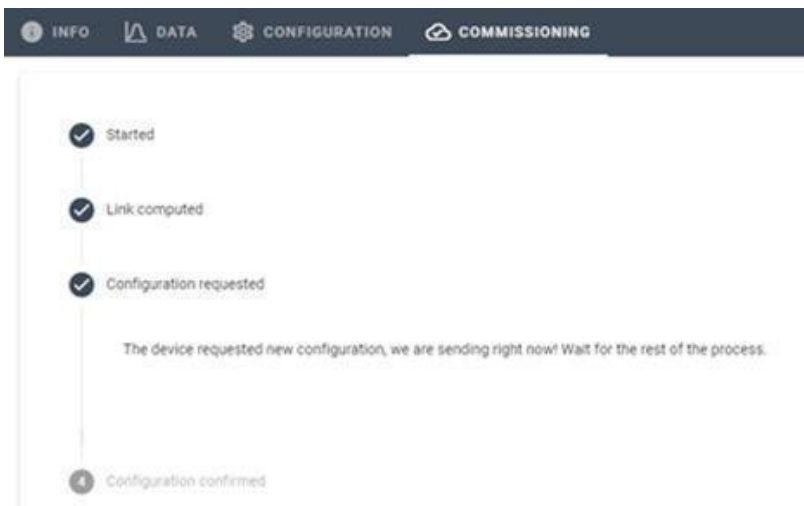
During this process WACS checks the signal quality and starts parameterization request

Step 3: Check dots

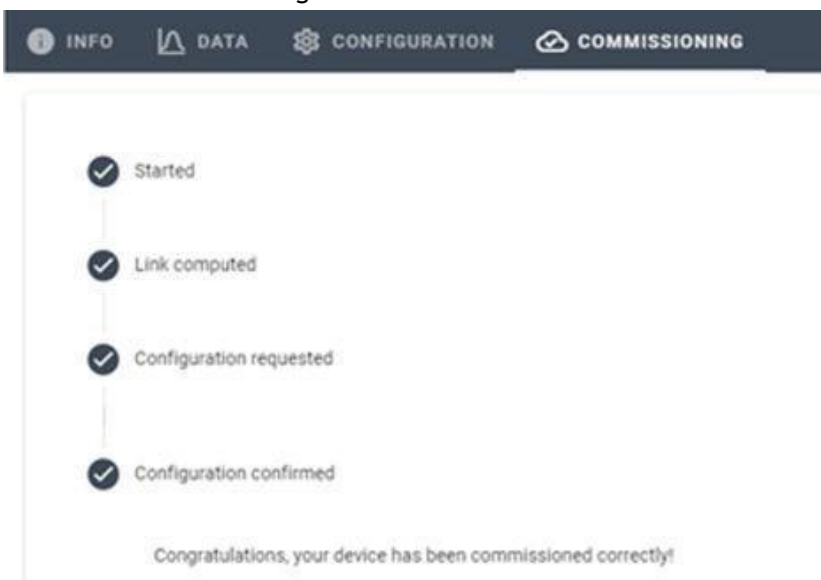
Check dots on the commissioning tab and wait until the link is computed:



After it, wait until the configuration is requested:



Then wait until the configuration confirmation:



Parameterization request using hall sensor

This mode allows the parameterization request process starts without using the button, the only difference is that you have to press a magnet next to the device for 5 seconds to start your parameterization request process:



Success! Now your WACS is parameterized and ready for installation!

WS2 installation

There are two ways to install your WS2 device: with screw and tape. (Make sure your device is already parameterized before the installation)

Installation with tape

Step 1: Clean the surface

Clean the surface to which the device will be fastened with a dry cloth.



Step 2: Remove the tape surface protection

Remove WACS tape surface protection with care, this tape can only be used once.



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Step 3: Press WACS against the surface

Press WACS against the clean surface to fasten it



Installation with screw

Step 1: Fasten WACS with screw

Fasten WACS with screw using a screwdriver.



Success! Now your WACS is installed and ready for use!