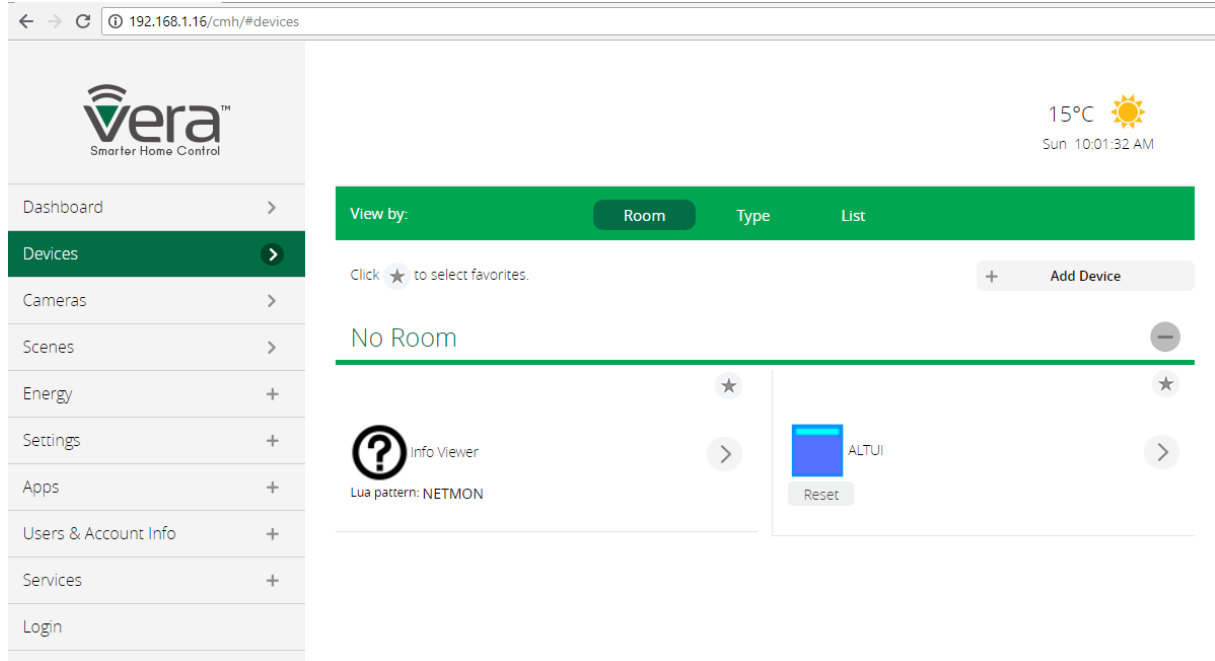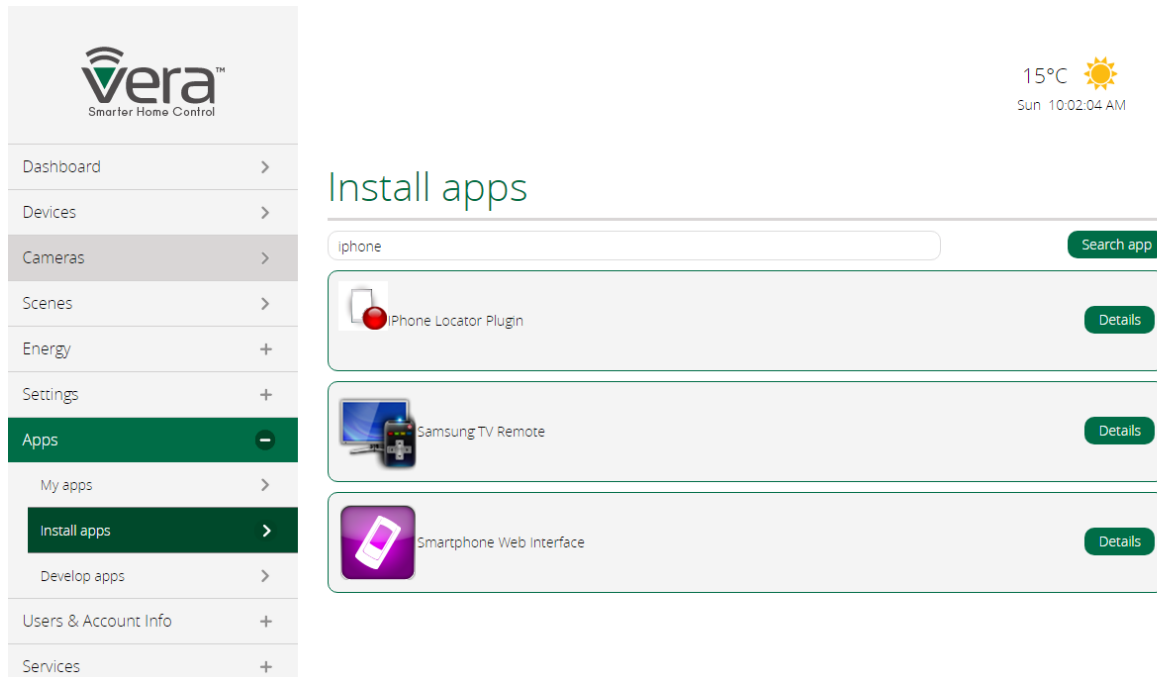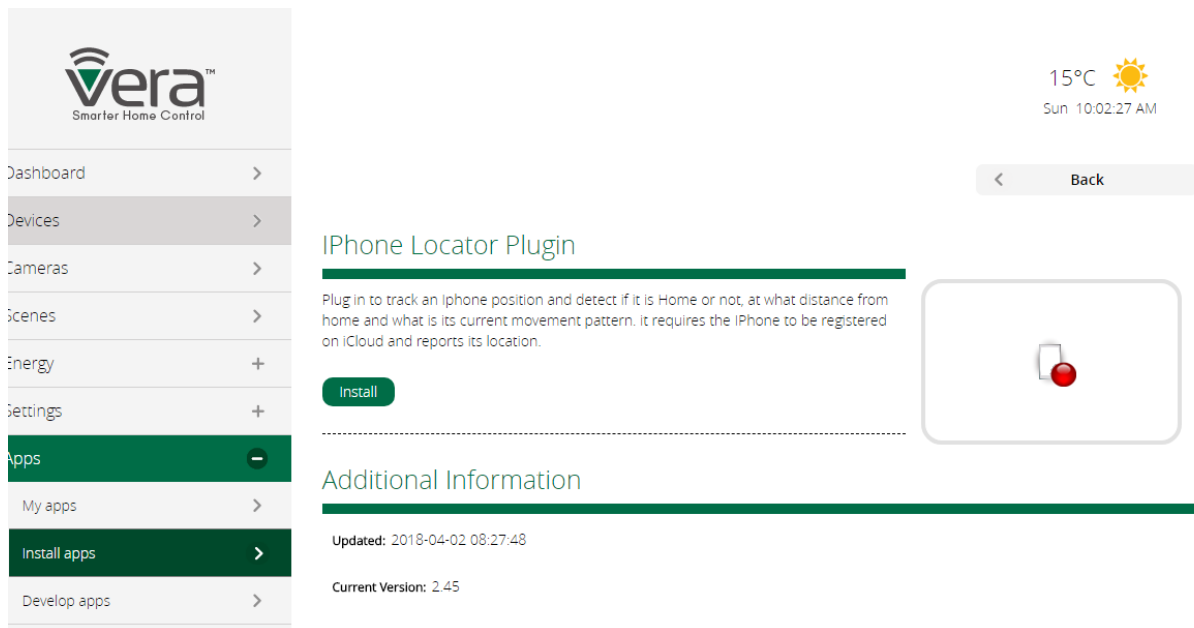IPhoneLocator Install on UI7

Start with a working VERA UI 7, in this example almost brand new, just 2 devices installed
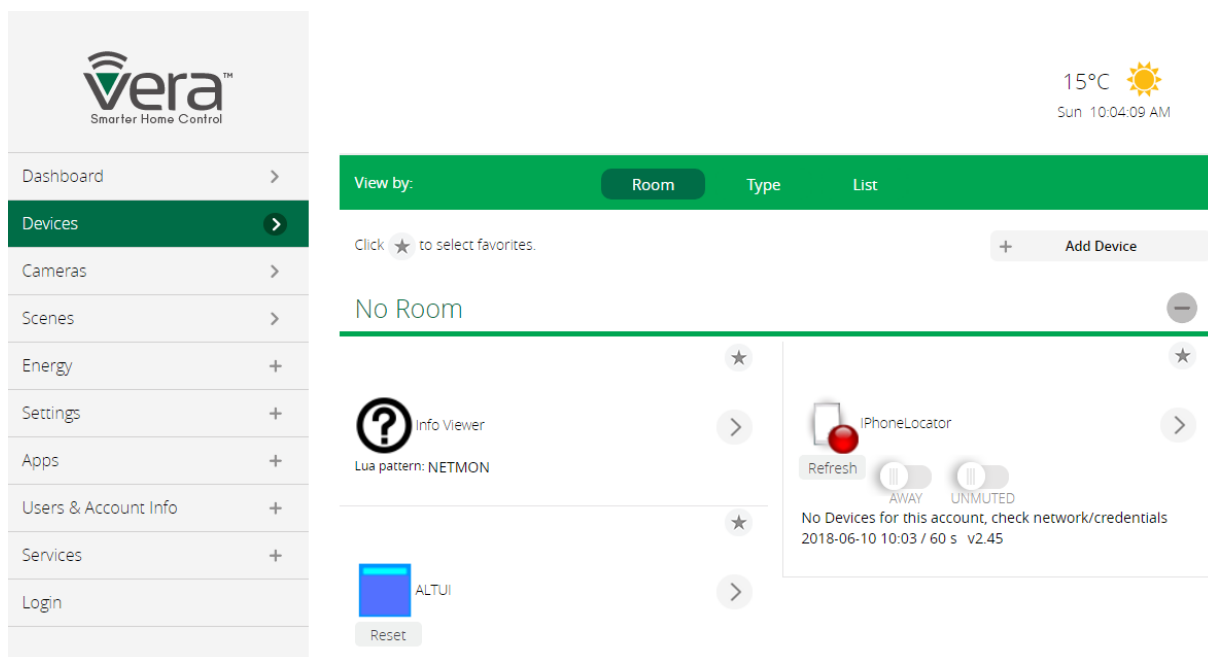

Go to the App store and Search for the IPhone Locator, it must be version 2.45

Install it and you will get this browser screen **AFTER a browser refresh**

Open the Settings tab for the IPHone device

Go to Cloud page and enter your email, then your password. As soon as you leave the pwd field, it will search for devices in this account and the left list should be populated.

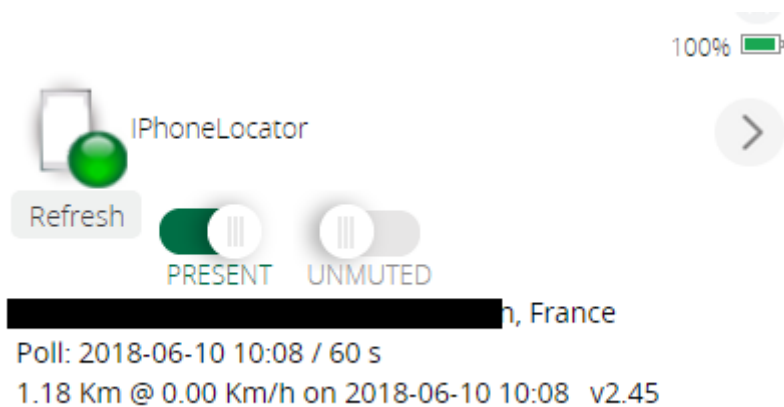Select one and click the transfer to left list button

Once that is done, **force a Luup RELOAD**

After luup reload and browser refresh, it shows up ok

Google Map Key

In June 2018 google changed the billing model for their map and distancematrix API service and it is not really free any more. You need to create a key for it in google cloud console, then put that key value in the GoogleMapKey variable of the IPhoneLocator

The first 200$ each month will not be charged so if your consumption is below, you are fine

You do want to keep an eye on your consumption in google cloud console just to make sure that you do not get charged if , for instance, you wrongly configured IPhoneLocator and generate too many polls. IPhoneLocator calls the google api at each refresh to get the address and estimate distances.
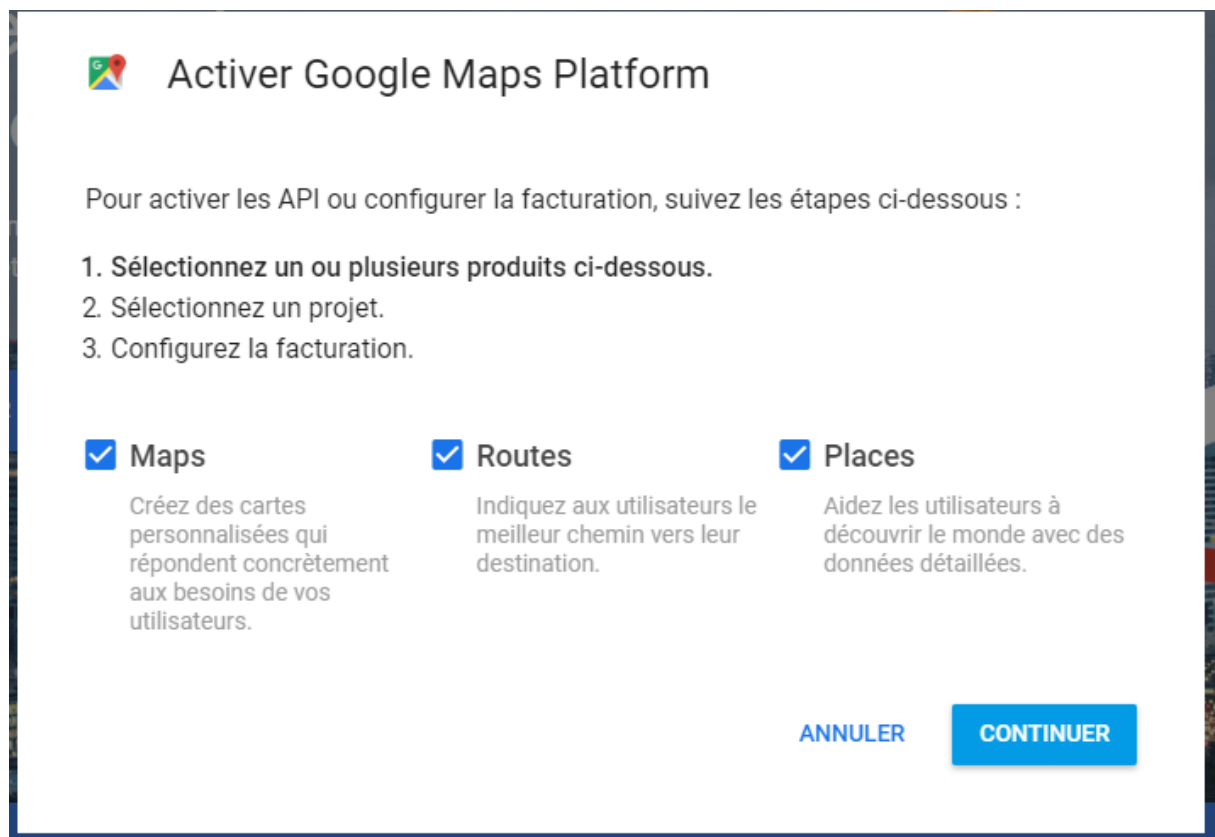
Miileage will vary based on your setting so I can only give an example for mine. I have 3 IPhoneLocators for 3 different iCloud accounts. With a Polling set at 180 second and a divider 3 and dynamic mode , for the 3 locators, it seems to generate in average:

- 420 calls to Distance Matrix API per day so 14000 per month so 70 $ / month
- 55 calls to Geocoding API per day so 1700 per month so 9 $ / month

That is under the first $200 per month, so should be free. Google map pricing calculator can be used to estimate your changes.

To create the key you must go to : https://cloud.google.com/maps-platform/ and click start

Then choose the following API to enable, that still does not cost anything, it is only the consumption of them that will generate charges (after the first 200$ each month)

To set some maximum Quotas so that you do not cross some limits of your choice, you can go there: https://developers.google.com/maps/documentation/distance-matrix/usage-and-billing?hl=fr#set-caps