



AIOT

The All-in-1 IoT Educational Tool You Need.

IoT meets Autonomy

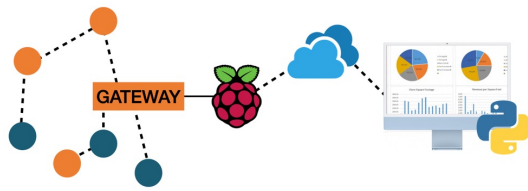
About me



- Name: Charles THONIER
- Nationality:
- Occupations:
 - Intern in IoT (hardware + firmware)
 - MSc student in AI & Data
- Background:
 - Data analysis in retail
 - Internship in recommendation



What am I working on?



- Ever dreamt of teaching IoT but lack the accessibility your students need?
- Do you wish your engineer wannabes could access the data of their university's IoT mesh?
- Do your HVAC PhD students need data?

AIOT is all of this and more.

Abstract

- AIOT is a revolutionary 2 in 1 **educational** IoT turn-key solution based on the **SmartMesh IP** technology allowing users to **program** their own nodes and **monitor metrics** from their everyday lives.

Easy

Super easy and fast to set-up

0

Zero knowledge required in IoT

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Infinite possibilities

User Experience



€

Affordable

24/7

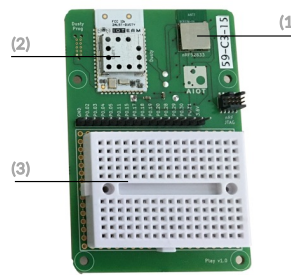
Always ON

10

Up to 10 years of autonomy

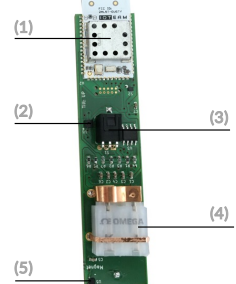
Gear

AIOT Play



1. Programmable nRF uC
2. Smartmesh IP uC
3. Breadboard

AIOT Pico



1. Smartmesh IP uC
2. Temperature & humidity sensor
3. Tilt switch
4. Thermocouple plug
5. Hall effect switch

Current objectives

- We are halfway through development phase. Hardware design is done, currently working on the firmware.
- Next steps:
 - Developing a data-analysis desktop app
 - Testing the product

Contacts

Charles THONIER
charles.thonier@inria.fr
MSc Student
AIO Team, Inria
Paris, France

Thomas WATTEYNE
thomas.watteyne@inria.fr
Research Director
AIO Team, Inria
Paris, France

Pr François GARDE
francois.garde@univ-reunion.fr
Director
ESIROI
Réunion, France

Tahiry RAZAFINDRALAMBO
tahiry.razafindralambo@univ-reunion.fr
Associate Professor
ESIROI
Réunion, France

Bertrand MARCON
bertrand.marcon@ensam.eu
Engineer of Research
LaboMap, Arts et Métiers
Cluny, France



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SIEMENS

aws

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AIRBUS

APERION ANALYTICS

INSTITUT CARNOT Télécom & Société numérique

PÔLE D'EXCELLENCE CYBER

acm

IRISA