



IoT SPARTANS CHALLENGE

PROMOTING THE BEST ONES

“A Libelium initiative to identify and give public recognition to the best Universities and IoT developers”

THE BEST PREPARED WILL BE THE MOST IN DEMAND
FOR FUTURE EMPLOYMENT

"BY 2020 THERE WILL BE 50 BILLION OF CONNECTED DEVICES BUT... WILL THERE BE ENOUGH DEVELOPERS?"

Who is going to build the projected 50 billion connected devices and Internet of Things systems slated to come online by the year 2020?

Libelium is throwing down the gauntlet to empower the future IoT workforce by promoting electronics skills in universities and high schools, offering specialized training and a contest to rank and reward the most promising developers and their educators.

With technology advancing at a rapid clip, Libelium's IoT Spartans challenge intends to bridge the gap between the skills today's employers need and the career development of a new, emerging IoT workforce whose products and services will touch every sector of the global economy.

Education is one of Libelium strategic pillars right now and we are certainly committed to help education market and future developers.

With the IoT Spartans Challenge we are helping universities, colleges and high schools train and guide the future workers who will build and run IoT projects and long term deployments, and giving them recognition for their efforts, so **THE BEST PREPARED WILL BE THE MOST IN DEMAND FOR FUTURE EMPLOYMENT.**

ENROLLED UNIVERSITIES

I



Universidad
Politécnica
de Cartagena

III



UNIVERSIDAD DE LAS PALMAS
DE GRAN CANARIA

V

Edinburgh Napier
UNIVERSITY



VII



UNIVERSIDAD DE CÓRDOBA

IX



IPCA INSTITUTO POLITÉCNICO
DO CÁVADO E DO AVE

II



College of
Nyíregyháza

IV



KLE Society's
B. V. Bhoomaraddi. College of
Engineering and Technology

VI



Universidad
Tecnológica
de Panamá

VIII



ESCUELA
POLITÉCNICA
NACIONAL

X



Cyprus Research
& Innovation Center

WHAT IS THE IoT SPARTANS CHALLENGE?

The **IoT Spartans Challenge** is an educational program to identify, promote and give public recognition to the best future IoT developers.

Universities are key in IoT future since they are producing tomorrow's developers. That is why we want to work closely with them making teacher's life easier:

- We offer our **3 day workshops** designed to give teachers a fast and comprehensive intro to wireless technologies, sensors and connectivity to cloud platforms used in IoT.
- We provide **kits to teach** or research with special discounts for Universities.
- We include more than **400 code examples** and more around **60 technical guides** to easily create a syllabus with free access.
- We provide **free access to our forum** to support teachers for solving student's questions.



*The IoT Spartans Challenge is an **open competition** available for **individuals and educational institutions**.*

STEP BY STEP PROCESS:

- 1** We will offer free webinars for students and make an online quiz afterwards that will allow them to earn points.
- 2** We will create an online ranking with the top 300 "IoT Spartans" and promote the list.
- 3** The top three developers will win cash prizes ranging from 500 to 3,000 € for individuals, and the highest-ranking educational institution will win 5,000 € in equipment.

Educational institutions interested in participating can join the IoT Spartans Challenge fulfilling the registration request at:
<http://www.iot-spartans.com/institution-registration/>

WHAT IS LIBELIUM OFFERING TO UNIVERSITIES?

- Worldwide promotion of the University through Social Media and Libelium PR tools.
- Logo in the IoT Spartans website.
- 1 attendee place in a 3-day training course.

WHAT DO WE NEED FROM THE UNIVERSITY?

- Internal promotion of the Challenge
- A Classroom for attending the webinars
- To have at least 10 IoT Student Kits to practise after the webinars.

TIMELINE

The **envisaged timeline** of the IoT Spartans Challenge will be as follows:

1ST FEBRUARY 2016 - 29TH FEBRUARY 2016

Free online registration period for participants.
Schools and Universities can sign participation request until 15th February.

15TH FEBRUARY 2016

Libelium will disclose the list of participating Educational Entities on the IoT Spartans Challenge website.

1ST MARCH 2016 - 10TH JUNE, 2016

Webinars, online quiz, tests, etc. Provisional rankings will be published every month on the website.

16TH JUNE 2016

Publication of the final ranking and prize-winners on the website.

17TH JULY 2016

End of term for prize-winner educational entity to make its choice on the prize from Libelium's catalogue.



HOW DOES IT WORK?

1. Participants will register their profiles before 31st January 2016 at <http://www.iot-spartans.com>
2. Libelium will give free webinars to explain concepts of the Internet of Things using Waspote as the IoT platform.
3. After the webinars, there will be several online exams to allow the participants to answer with the new knowledge they have learned.
4. A ranking of the top 300 IoT Spartans will be published every month between February and June 2016.
5. The top three developers will win cash prizes ranging from 500 to 3,000 Euros for individuals, and the highest-ranking educational institution will win 5,000 Euros in equipment from the Libelium catalogue.
6. The final ranking will be promoted through Press Release, Newsletter and Social Networks to spread the results worldwide.



PRIZES: INDIVIDUAL PARTICIPANTS

The top three developers with the highest score obtained in different tests will win the following cash prizes:



3.000 €



1.500 €



500 €

Libelium will make its best efforts to promote the 300 IoT Spartans list among its worldwide distribution network, partners and recruiters.



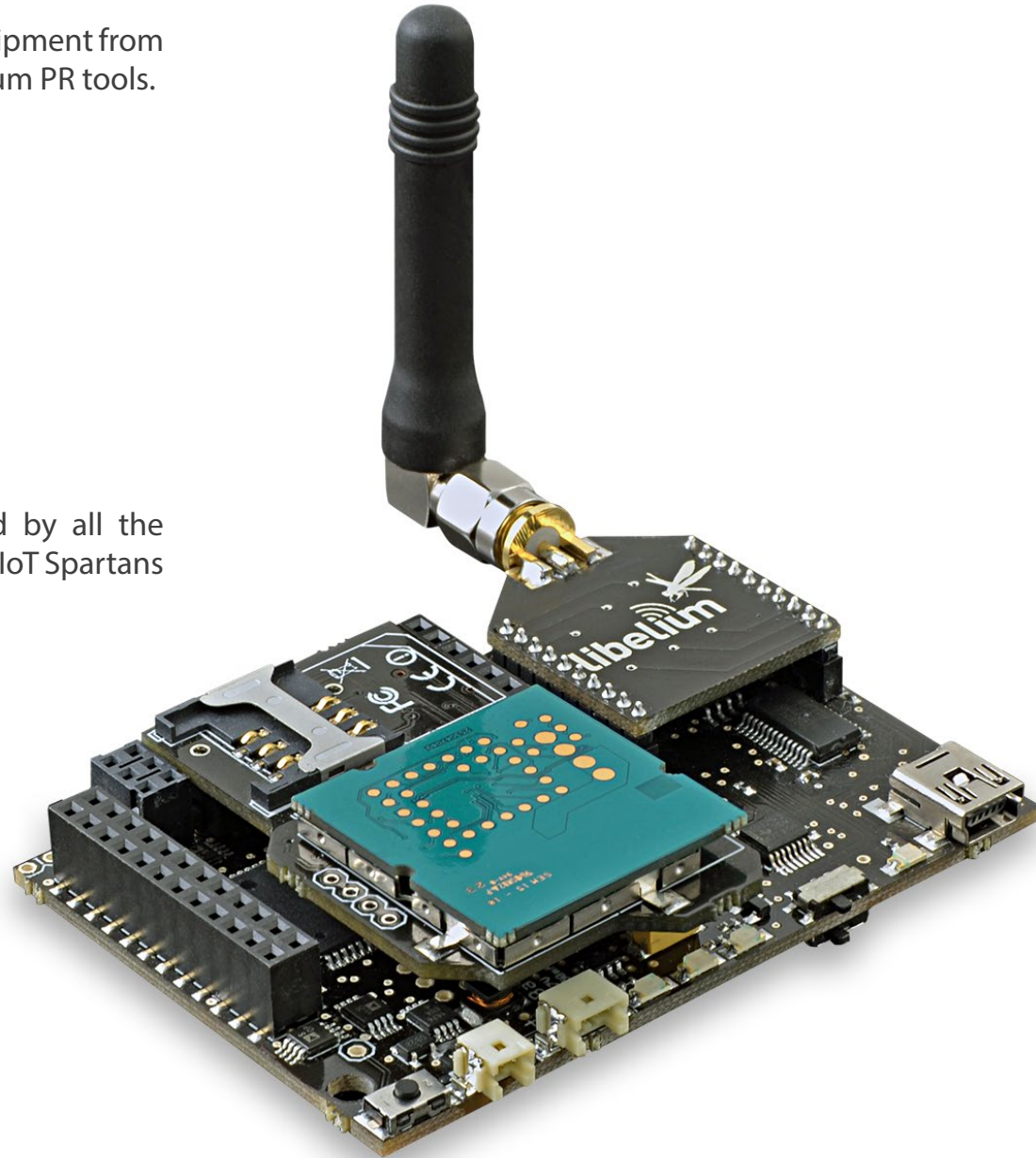
PRIZES: UNIVERSITIES

The highest-ranking educational institution will win 5,000 Euros in equipment from the [Libelium catalogue](#) and will get public recognition through Libelium PR tools.



5.000 €

This ranking will be calculated by adding up the scores obtained by all the participants from any given Educational Institution registered with the IoT Spartans Challenge who have ranked among the top 300 Spartans.



BECOME AN IoT SPARTANS AMBASSADOR

Help us to enroll your University or Educational Center in the IoT Spartans Challenge.

Technology, engineering and electronics students can nominate their professors and teachers to participate as IoT Spartans Ambassadors.

We will send you the information kit for your professor or teacher and once he or she contacts us on behalf of you, you will receive the IoT Ambassador Box with a T-shirt, a USB wristband and Spartans stickers. That easy!

Besides, we will draw one IoT Student Kit among all the IoT Ambassadors.

To become an IoT Spartans Ambassador visit our website:

<http://www.iot-spartans.com/iot-spartans-ambassador/>



BECOME AN IOT SPARTANS SPONSOR

Universities and Schools interested in participating in the contest can present the proposal to any company or public institution to sponsor the purchase of 10 student kits needed to access to the Challenge.

If your University cannot afford the order of 3,000 € you can search for an IT Company to become Special Sponsor.

Libelium will provide to Sporsors the public recognition on the website and in all the communications related to the contest (newsletters, press releases and rankings).

The Sponsor will also obtain direct access to best developers rankings to recruit the best students.

Terms and conditions:

- The Sponsor company will assume the cost of the invoice in name of one University or School. The cost of participation is 3,000 € (VAT not included) and the University will receive 10 student kits.
- The sponsor company will provide the logo to be published on the website and on all press materials linked to the Internet profile company.

