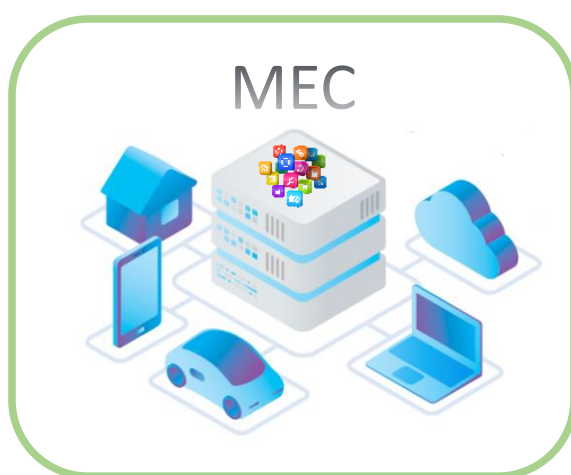


# MEC Hackathon 2019

@ Edge Computing Congress 2019  
Ilec Conference Centre, London (UK), 17-18 September 2019

## Call for Edge Computing Developers for 5G

*Develop mobile applications for advanced services  
in MEC-enabled 5G networks*



Enter your team for this competition today!  
You will be asked to develop Multi-access Edge Applications (MEC apps),  
using ETSI MEC technologies.

**Submission deadline: 15 July 2019**

Registration Notification to the teams: 30 July 2019

Further details here:

<https://tmt.knect365.com/edge-computing-congress/etsi-mec-hackathon>

Organized by Intel, VIAVI, MobiledgeX, Knect365, Huawei, Saguna, Telefonica

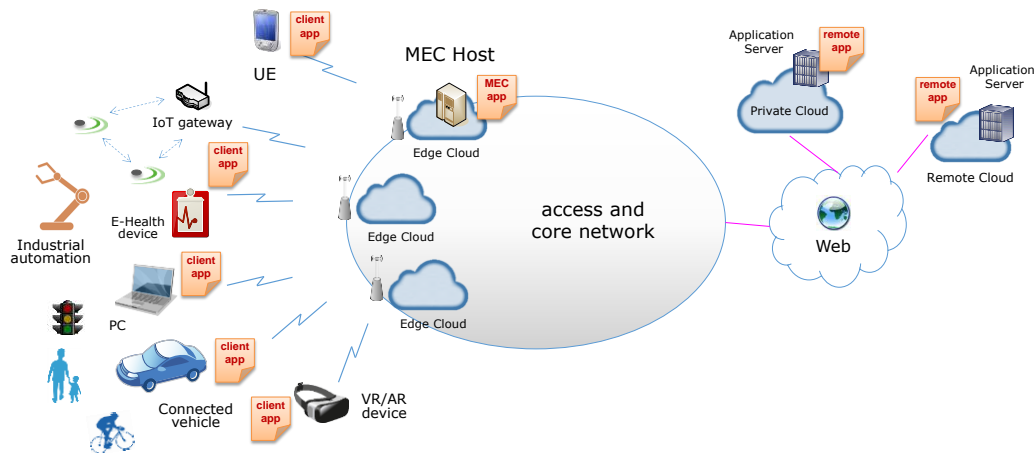
Endorsed by  **ETSI**  
The Standards People

Notes:

- *As space is limited, only a selected number of developers' teams will be admitted to the competition.*
- *At the end of the competition, prizes by the Organizing Committee will be awarded to the winning teams.*

## MEC Hackathon – The 5G challenge

- MEC (Multi-access Edge Computing) can serve many key 5G use cases. Most of them are related to application scenarios specifically targeted to vertical markets of the 5G era. The purpose of this Hackathon is to demonstrate the usage of MEC system as an enabler for different use cases and business objectives, helping all stakeholders to develop a diverse, open MEC ecosystem.
- Examples of MEC-enabled vertical segments applications include (but are not limited to):
  - automotive and cooperative vehicles
  - virtual reality / augmented reality
  - IoT scenarios (with sensors, fog nodes, ...)
  - robotics and factories of the future
  - eHealth and mHealth
  - media and entertainment
  - applications for the energy industry
  - etc ...
- Developers' teams at the Hackathon will be tasked to develop **mobile applications** for advanced services in MEC-enabled 5G networks, using **ETSI MEC technologies**.<sup>1</sup>



- Candidate developers' teams are free to choose a specific challenge adhering to the above topics. To inspire ideas, the following use case example is provided (link: [here](#) ).
- Of course, candidates are encouraged to reuse their existing or past projects with their applications, and apply/adapt to the present challenge. In addition, teams will learn and exploit the **ETSI MEC APIs** running on the MEC Hosts at the competition (e.g. Radio Network Information API, Location API).<sup>2</sup>

<sup>1</sup> Please refer also to the ETSI white paper "Developing software for MEC", available via this [link](#).

<sup>2</sup> For more background information on the ETSI MEC standard (including MEC architecture and MEC APIs), you can check the specification tab at this URL: [www.etsi.org/technologies-clusters/technologies/multi-access-edge-computing](http://www.etsi.org/technologies-clusters/technologies/multi-access-edge-computing)

## MEC Hackathon – Team submission guidelines

- **Team size:** 5 members (maximum)
- Submissions should be sent through the application form via the following [link](#). They should include a description of the idea; the target MEC application; information on any intention to reuse / integrate code from past activities, or other projects / prototypes / products (highly recommended); and a short CV for each team member. Any supporting material (e.g. short video clips) related to the idea is welcome. **IMPORTANT:** Submissions should clearly state how the team intends to use ETSI MEC APIs (available at <https://forge.etsi.org/>). *NOTE: Whilst the use of MEC service APIs is not mandatory, teams are encouraged to utilize them.*
- **Submission due date: 15 June 2019**  
Submissions will be evaluated by the MEC Hackathon Organizing Committee based on various criteria, e.g. relevance to the Call for Developers, assessed relevance of the selected use case, usage of MEC APIs, composition of the team, level of maturity of the project.
- Selected teams will be notified by **15 July 2019**. Participants selected for the competition will be also admitted to join the Intel® [Edge Builders program](#)
- **Cost:** The submission is free of charge, as well as the Hackathon attendance for the selected teams
- **Venue:** Illec Conference Centre, London (UK). Hackathon: from Wed 17 Sept AM to Thu 18 Sept PM
- At the end of the competition there will be an **awards ceremony**, with a number of **prizes**, courtesy of the Organizing Committee:
  - The venue host KNect365 will provide the winners with 2x free passes for a KNect365 2020 hosted conference. KNect365 will also present a customized Hackathon Winners trophy to proudly display in their office.
  - The developers from the winner team will be eligible to be part of *Intel Software Innovator* program and their project will be eligible to be featured as an Intel Early Innovation Project. This means that the project will be eligible for stipend to produce/present a tutorial/paper on their project, hardware funds for their project, and other start up mentorship program as applicable. Link: <https://software.intel.com/en-us/intel-software-innovators>
  - Telefonica will bring as prizes for the best teams the opportunity to deploy a demonstrator on the edge computing facilities located at the 5TONIC 5G open innovation test center ([www.5tonic.org/](http://www.5tonic.org/)), facilitating the engagement with the 5TONIC members and collaborators. In addition, selected teams will have the opportunity to interact with the Wayra acceleration initiative hosted by Telefonica. All the offered opportunities will be subject to availability and scheduling by the 5TONIC Steering Board, and provided at Telefonica's discretion.
  - Special prize offered by MobileEdgeX: «Build an app that involves machine learning or robotics at the edge for a shot at \$1000. 2nd place is \$500».
- All MEC Hackathon participants will have a great opportunity for networking with the Edge Computing Congress attendants who represent key stakeholders of the industry from all corners of the world.

**For the registration, please follow the instructions on the event website**  
<https://tmt.knect365.com/edge-computing-congress/etsi-mec-hackathon>

For further information, you can contact us at [James.Croissant@KNect365.com](mailto:James.Croissant@KNect365.com)

Good luck and we hope to see you at this MEC Hackathon 2019!

*The MEC Hackathon Organizing Committee.*

