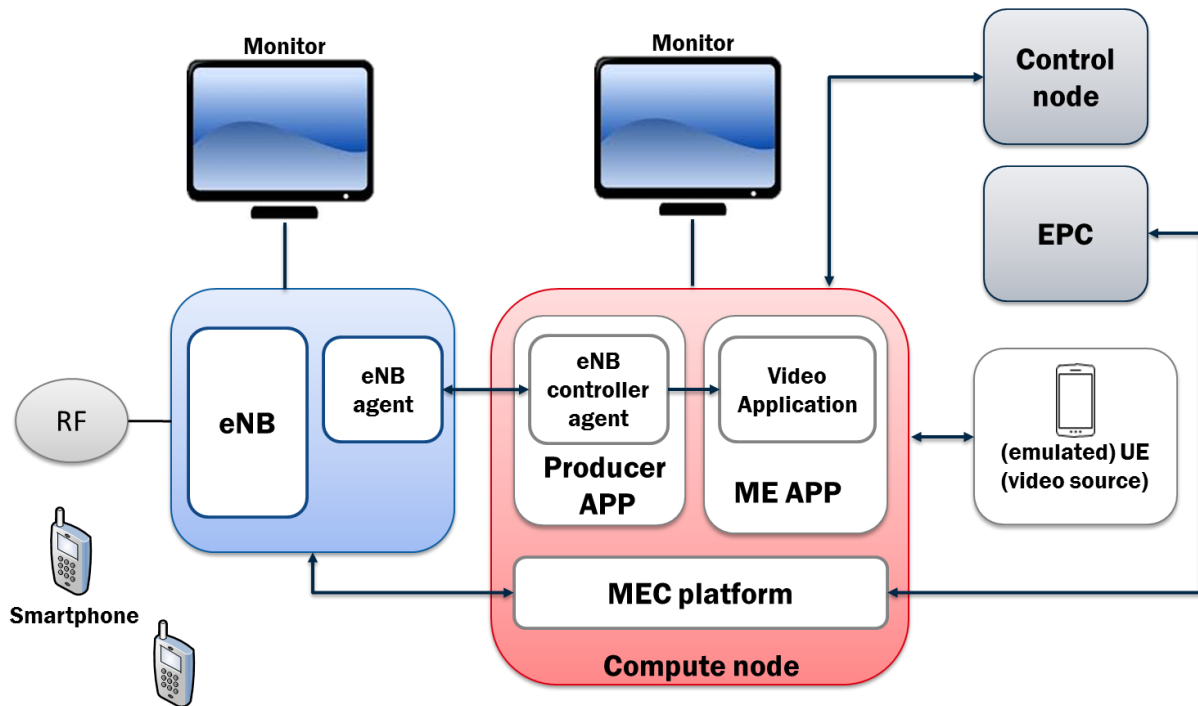


Mosaic5G and OpenAirInterface invite you to two demonstrations in MWC 2017, Barcelona, Spain.

RAVEN - Radio aware video optimization in a fully virtualized network

ETSI MEC proof-of-Concept

This demo shows a Video Optimization Application, which is aware of the radio conditions and the resulted performance on per user and cell basis. The MEC Application is co-located with the eNB and communicating with the video content server. The quality of the video streams is dynamically adjusted according to the radio conditions of the users obtained on realtime based on the eNB controller operating as an eNB producer app on the top of the MEC platform. As a result, the video streams and the quality perceived by users are improved thanks to proximity and the usage of the MEC Video Optimization Application.



Mosaic5G is non-profit initiative fostering a community of industrial as well as academic contributors for open-source software development to realize the service-oriented vision of 5G. It was formed to develop, promote, and share an ecosystem of open-source platforms and use-cases for 5G system R&D leveraging SDN, NFV, and MEC tech enablers.

Additional Info

PoC Partners: Intel, Eurecom, HPE, TIM, Polito, WindRiver

Location: Intel Booth, Hall 3 Stand 3E31

Supporting Project:

- 5GPPP Coherent Project: <http://ict-coherent.eu/>

Platforms:

- Intel NEV SDK,
- Mosaic5G FlexRAN,
- OpenAirInterface RAN and CN,
- Polito Android and Web Video optimization app

Useful Link:

- [http://mecwiki.etsi.org/index.php?title=PoC 3 Radio aware video optimization in a fully virtualized network](http://mecwiki.etsi.org/index.php?title=PoC_3_Radio_aware_video_optimization_in_a_fully_virtualized_network)
- <https://www.sdxcentral.com/event/hpe-intel-5g-ready-webinar/>

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