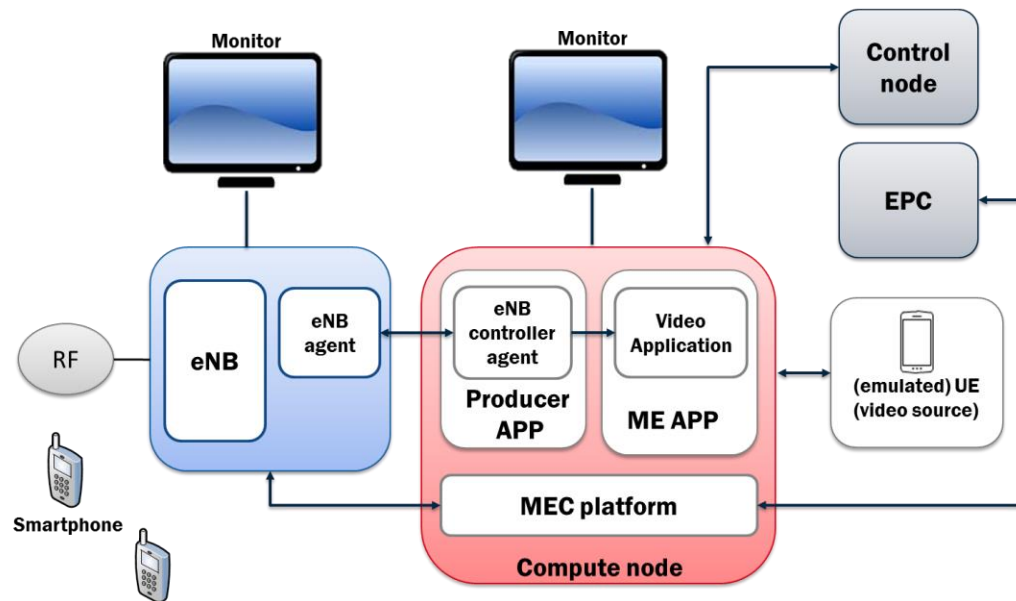


# RAVEN - Radio aware video optimization in a fully virtualized network

ETSI MEC proof-of-Concept  
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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.



## 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/>