

Speed5G

Newsletter

Issue 7 June 2018

Editorial

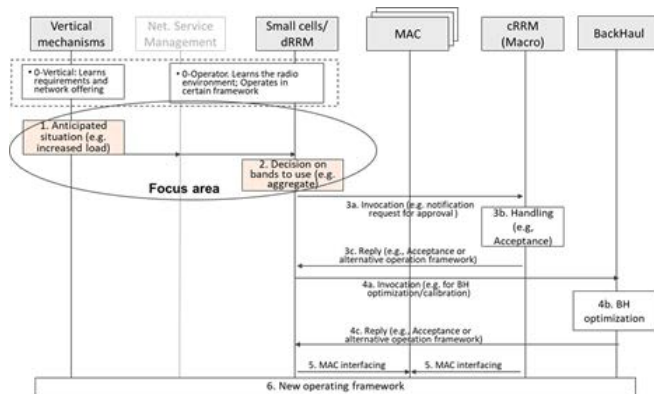
Dear reader,

The SPEED-5G project is coming to an end, and it is time to look back at what we have achieved. In this seventh and final issue of the SPEED-5G newsletter we present overviews on the five proofs of concepts (PoCs) which the project consortium performed. The PoCs provide tangible evidence of the feasibility of the SPEED-5G approach.

We hope you find the information in our newsletter informative, and we look forward to any questions or comments you may have. Let's stay in touch beyond the SPEED-5G project and keep on working to make 5G a success story for Europe.

Kind regards,

The SPEED-5G consortium

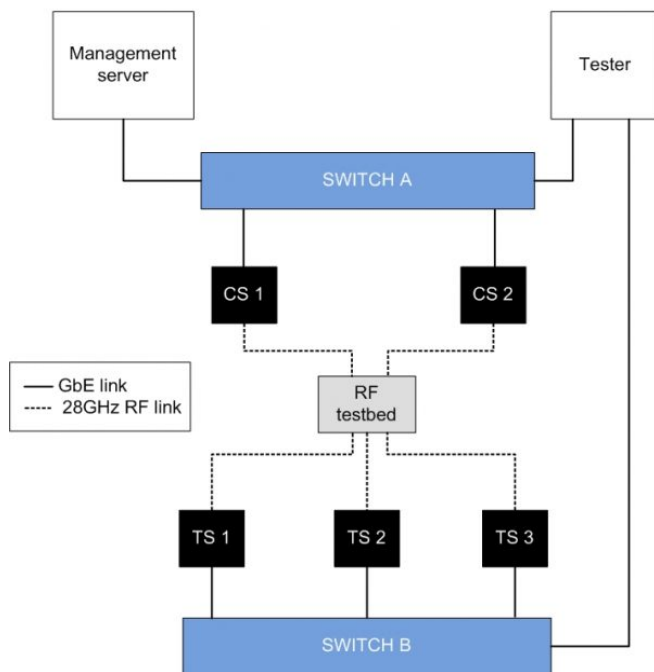


Combination of centralised and distributed radio resource management - Proof of Concept 1

Proof of Concept 1 (POC1) is about the combination of centralised and distributed radio resource management (hierarchical RRM) with a novel MAC protocol for higher capacity in small cells. POC1 shows how the SPEED-5G outcomes can be implemented to optimize the usage of spectrum resources and deliver the best QoS in dense heterogeneous networks in order. The POC relies on ...

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Validating SPEED-5G backhaul

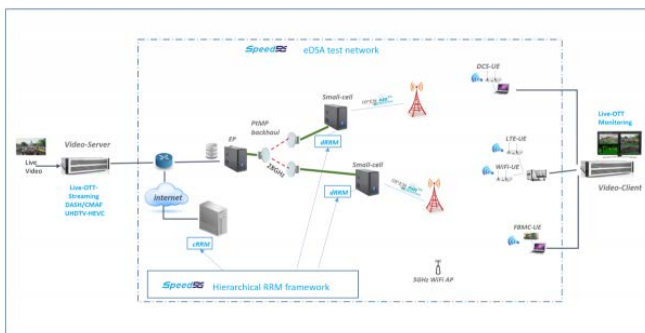


[solutions - Proof of Concept 3](#)

Work at the backhaul segment of SPEED-5G network architecture aims at (a) increasing the available throughput per link and capacity per area, (b) reducing the hop latency, (c) increasing network availability, and (d) balancing backhaul resources. For realising the above goals, a PtMP wireless backhaul system at 28GHz was enhanced with the following solutions developed in SPEED-5G: (i)

channel capacity ...

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[Over The Top live streaming of ultra-high definition television video - Proof of Concept 5](#)

SPEED-5G project member Rohde & Schwarz has successfully tested Over The Top (OTT) live streaming of ultra-high definition television video (UHD TV) with the newest compression standard HEVC (High efficiency video coding) on the extended Dynamic Spectrum Access (eDSA) framework developed by the SPEED-5G project. Because video streaming is seen as a main use case for future mobile networks, a video ...

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Imprint

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