



Small cEII_S coordinAtion for Multi-tenancy and Edge services

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Deliverable D7.1

Proof-of-Concept Integration and Validation Plan

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Abstract

Deliverable D7.1 presents the innovative system design, concepts and visions developed by the 5G-PPP H2020 SESAME (“Small cEIS coordinAtion for Multi-tenancy and Edge services”) project, under the Grant Agreement No.671596. The innovation of SESAME is manifold and it is essentially summarized as follows, in order to: (i) Combine the “key” 5G small cells with cloud technology; (ii) promote and develop the concept of Small Cells-as-a-Service (SCaaS), (iii) bring computing and storage power at the mobile network edge through the development of non-x.86 ARM technology enabled micro-servers, *and*; (iv) address a large number of scenarios and appropriate use cases for applying mobile edge computing.

This deliverable presents, in detail, the first phase of the activities associated with the deployment of the pilot site. An early view on the deployed infrastructure is so provided and described. Particularly, the physical topology of the deployed SESAME platform is given as well as the specification of the software (SW) and hardware (HW) components used.

The aim of this deliverable is not only to present the technical progress of the project in the field, but also to “constitute” a rough technical guide for the installation and integration of the related SESAME components. Therefore, it is addressed to any members of the wider research/industrial community who wish to replicate -all or part- of the SESAME architecture in their own lab infrastructure.