

VISIONA INGENIERÍA DE PROYECTOS



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[VisionaIP](#)

5G PPP SMEs SUCCESS STORIES

1. Introduction

Visiona Ingeniería de Proyectos is a high tech SME with wealth of experience in the design, development and deployment of systems and innovative engineering projects for our clients. Visiona's R&D division actively participates in novel projects such as those involving 5G, Smart Cities or Innovative Agriculture.

2. Goals and Challenges in relation to 5G PPP

Visiona is engaged in a European 5G PPP project (5G-Crosshaul) aiming at developing a 5G integrated backhaul and fronthaul transport network based on SDN and NFV technologies. The know-how and technical expertise developed leads towards the commercialization of novel products focused on Media Distribution and TV Broadcasting that allow internet providers to take advantage of the flexibility of 5G services.

3. The use of 5G technology

Content media distribution is expected to be the dominant contributor to the mobile data traffic demand, about 70% of all the mobile traffic by 2018, therefore becoming it more and more present in communications in everyday life, anywhere, any time and in end user multi-device environments.

Visiona IP 5G development is focused on a TV Broadcast Application taking advantage of Software-Defined Networks (SDN) and Network Functions Virtualization (NFV) capabilities working as an Over-the-Top (OTT) service.

4. Benefits and accomplishments

5G-Crosshaul project has already played an important role for the company acquiring fundamental knowledge about 5G networks, their benefits and their possibilities to develop and deploy new products that make use of their flexibility, capabilities and services and opening a wide range of market opportunities where Visiona IP can now offer its expertise and know-how.