



**A unified network, computational and storage resource
management framework targeting end-to-end performance
optimization for secure 5G multi-technology and multi-tenancy
environments**

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**Deliverable D7.5
Project Video Presentation**

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Abstract: This deliverable presents the 5G-Complete project video presentation.

Keywords: video, multimedia

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1. Introduction

1.1 Purpose of this document

The 5G-COMPLETE videos aim to provide a concise project overview in a way that is comprehensible to a broad audience. Three or more 1-minute videos will be produced and released in the social media and the 5G-COMPLETE official website. In this way, additional material will be available for dissemination purposes keeping the 5G-COMPLETE project in the foreground. The videos are coordinated by ICCS/NTUA and are assigned to a specialized graphics and video designer to ensure a professional, high-quality result.

The video project presentation concept follows a stepwise approach:

1st Teaser Video:

The teaser video starting from the definition of the challenges that 5G-COMPLETE aims to tackle and the consequences that they have in everyday life (i.e. putting the project into the b5G frame).

2nd video: The 5G-COMPLETE solution

The 2nd video will present the solution developed by 5G-COMPLETE. This section explains the innovations of the project and the results that they will bring to 5G and b5G ecosystem.

3rd video: The 5G-COMPLETE demonstrators

Finally, the 3rd video will present in a nutshell the 5G-COMPLETE project Use Case and Demonstrators, highlighting the key enabling technologies and their integration to the Field trials.

At the end of each video presentation, the contact details (i.e. official project website address) and the list of project partners, as well as with a banner that acknowledges support by the European Commission and 5G-PPP, according to the EC guidelines for dissemination.

The 5G-COMPLETE videos will be distributed through the dissemination channels of all partners within the project.

1.2 Audience

This document is public.

2. Preparation of 5G-COMPLETE short Videos

ICCS/NTUA coordinated the preparation of the 5G-COMPLETE short videos, working in close collaboration with the experts of the graphic design to ensure a professional and broadly comprehensible result. Both the voice-over text and the animations were carefully consolidated and, in some cases, different versions were considered and reviewed. Where possible, simple metaphors and examples from everyday life were used in the presentation scenario to enhance comprehension and make 5G-COMPLETE concepts accessible by a broad audience.

The final voice-over text of the 1st teaser of the 5G-COMPLETE video is presented below:

“5G technology has already began to make an entrance in our everyday lives. The current 4G technology, as we know it, can no longer keep pace with the exponential growth of the demand for mobile bandwidth.

A new solution is necessary and 5G mobile network seems to be the answer.

This new generation wireless network guarantees faster and more reliable connection to the internet, but can it really deliver all that is promised?

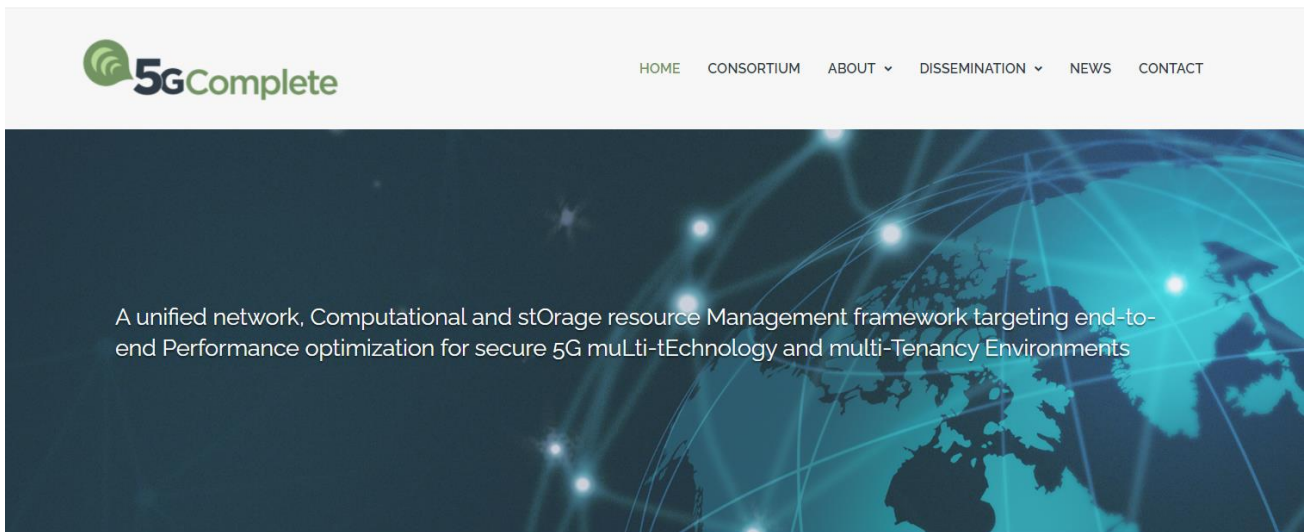
The 5G New Radio Standard takes advantage of higher radio frequencies to obtain a larger bandwidth, but in exchange, it requires more dense Access Points much closer to the end users, leading to higher costs. But in order to reduce densification costs, the wireless and telecom industries are leaning towards the process of better exploitation of the available baseband blocks in the Radio Access Network.

This is translated to cheaper hardware that can be reconfigured or upgraded much faster through software.

So, could this be a... complete solution?”



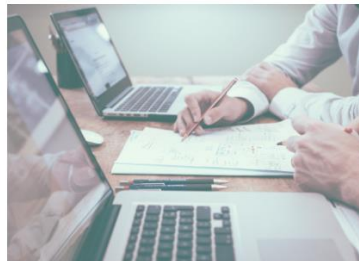
Figure 1: Screenshots from the 1st teaser video



Welcome to 5G-COMPLETE project

5G-COMPLETE aims to revolutionize the 5G architecture, by efficiently combining compute and storage resource functionality over a unified ultra-high capacity converged digital/analog Fiber-Wireless (FiWi) Radio Access Network (RAN).

[More about 5G-Complete...](#)



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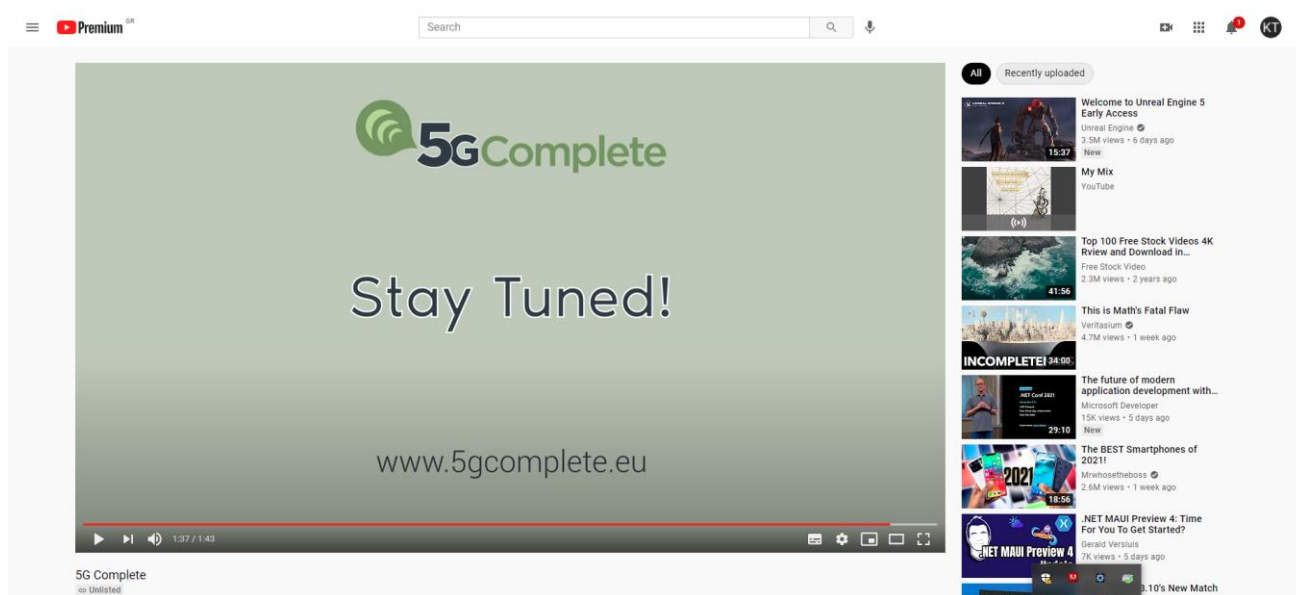
Tweets by @5gcomplete

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(a)



(b)

Figure 2: Screenshots of 5G-COMPLETE video, uploaded on (a) 5G-COMPLETE website, (b) YouTube.

Distribution of the 5G-COMPLETE clips is carried out through popular video-sharing pages and the official project website. A dedicated YouTube account has been generated for 5G-COMPLETE project and the clip has been uploaded at:

https://www.youtube.com/channel/UCKirdKIUt7qEWeEK8V_O-1g

All the videos of the 5G-COMPLETE project will be uploaded to this channel.

The video can be viewed online at different resolutions ranging from 144p for very slow connections up to High Definition (1080p) for high-quality viewing on large screens or projectors.

The video has been also uploaded on the front page of the 5G-COMPLETE official website to maximize accessibility, at: <https://5gcomplete.eu>.

3. Conclusions

The 5G-COMPLETE short videos were created as a means of raising awareness of the project to the public. The 1st teaser video was uploaded on the project website and on YouTube and is at the disposal of the project partners for use in publicity actions.