5Growth

Concluding Panel:

“End to end 5G experimentation across multiple EU projects”

9th June 2020

Online Workshop

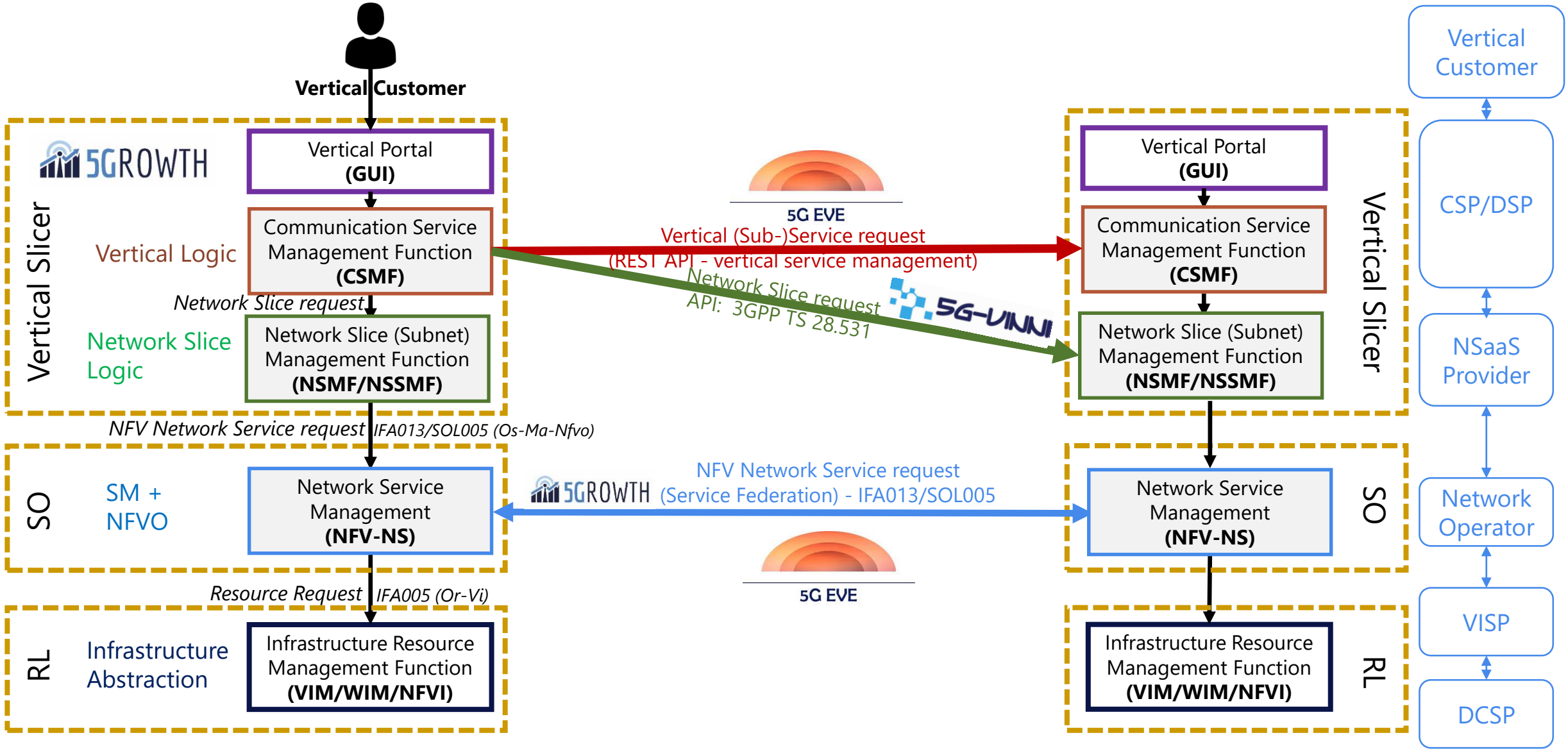
Xi Li (NEC, Technical Manager)

Interactions with ICT-17 projects

- ICT-17 platform (5G-EVE and 5G-VINNI) are key for us

- We will use ICT-17 platforms for
  - First tests and validations of our verticals pilots
    - A gap analysis (what 5Growth needs vs what ICT-17 can provide) will be performed during the first 5 months of the project
  - Design, implement and deploy the missing functions required for the vertical trials into ICT-17 platforms (and vertical sites)
    - This includes the 5Growth platform (which adds new innovations)
  - Integration with vertical systems and execution of the different vertical pilots

Possible Interactions with the ICT-17 Platforms



Main Challenges

- How to decompose services to different domains?
- How to adapt to the portal and/or APIs offered by the ICT-17 platforms?
- How to manage the E2E vertical service, and who is in charge of it?
- How to perform real time and dynamic service life-cycle management to enable closed-loop?
- How to manage the connections of different domains? And who is in charge of the connectivity, as in some cases we need to go through real operational networks which are not under our control?

Value of inter-project collaboration

- Enable large scale of the experiments over a full-fledge 5G network (incl. Radio, transport, core, edge) combining multiple experimental platforms from different projects and use of their offered 5G assets, services and resources across different domains.
- Exploring the capability of different platforms and provide enhanced functionalities and service coverage.
- Exploring the inter-working among different platforms, leveraging on standard interfaces and development of specific drivers.
- Learning from each other.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 856709.