



5Gtango

5G DEVELOPMENT AND VALIDATION PLATFORM FOR
GLOBAL INDUSTRY-SPECIFIC NETWORK SERVICES AND APPS

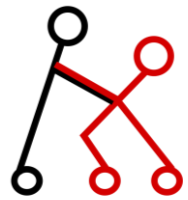
Oulu, June 14th 2017

Josep Martrat

Atos



5G PPP



5Gtango Objectives



Reduce the time-to-market for networked services by shortening the service development cycle and by qualifying those network services to be adopted.



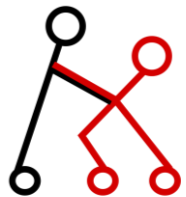
Reduce the entry barrier to 3rd party developers and support the creation and composition of Virtual Network Functions (VNFs) and application elements as "Network Services".



Enable new business opportunities with the customisation and adaptation of the network to vertical application's requirements.



Accelerate the NFV uptake in industry via an 'extended' DevOps model and the validation at scale of Network Service capabilities of the 5GTANGO platform in vertical show cases.



5Gtango Key contributions

1

- An NFV-enabled SERVICE DEVELOPMENT KIT (SDK).

2

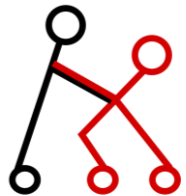
- A STORE PLATFORM with advanced VALIDATION AND VERIFICATION MECHANISMS for VNFs/Network Services qualification (including 3rd party contributions).

3

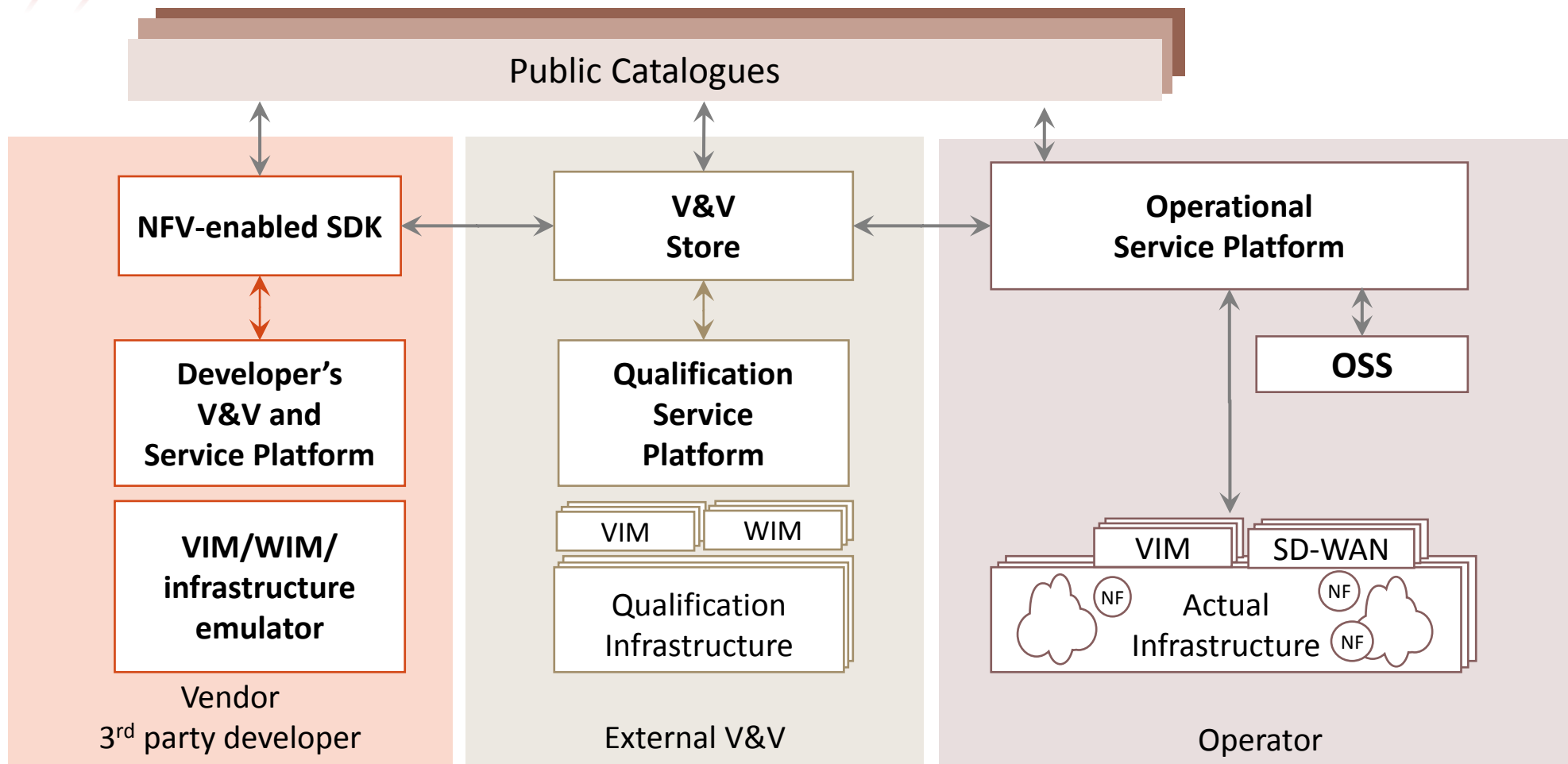
- A modular SERVICE PLATFORM with an innovative ORCHESTRATOR in order to bridge the gap between business needs and network operational management systems.

4

- Methodology and tools to implement a modern DevOps workflow with a multi-organizational design.



5Gtango High Level Architecture





5Gtango vertical pilots



SMART MANUFACTURING



IMMERSIVE MEDIA





About us



- 5Gtango is an EU-funded project (Horizon 2020) and part of the 5G-PPP initiative
- 30 month work plan, started in June 2017
- 17 partners representing telecom operators, manufacturers, system integrators, service providers, SME developers, research and academic institutes





5GTANGO Channels

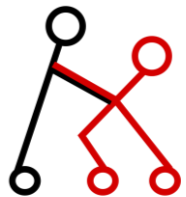


www.5gtango.eu



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5G PPP Collaboration

Working Groups

- **Software Networks**
- **Architecture**
- **Network Management (TBC)**

* To be analysed in detail

Other Projects

- **Phase 1 projects**
 - SONATA
 - 5GEx
 - Charisma
 - 5G-Crosshaul
- **Phase 2 projects***
 - 5G Transformer
 - NGPaaS
 - MATILDA
 - 5GCity