

As 5G approaches a very high maturity level, testing and validation of the innovations achieved in 5G by integrators and verticals service providers has become of utmost importance.

Project Coordinator:
**Instituto de Telecomunicações
Aveiro**



5G Application & Services experimentation and certification Platform

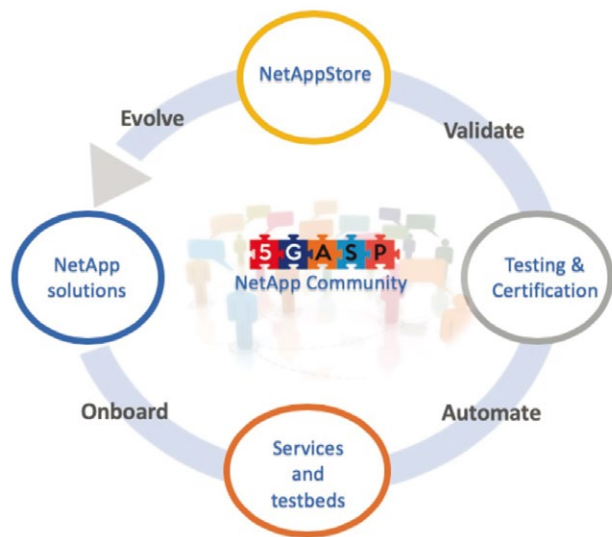
5GASP shortens the idea-to-market process through the creation of a European NetApp deployment, testing and certification ecosystem for SMEs and Start-ups.

Budget
6.8 M Euros

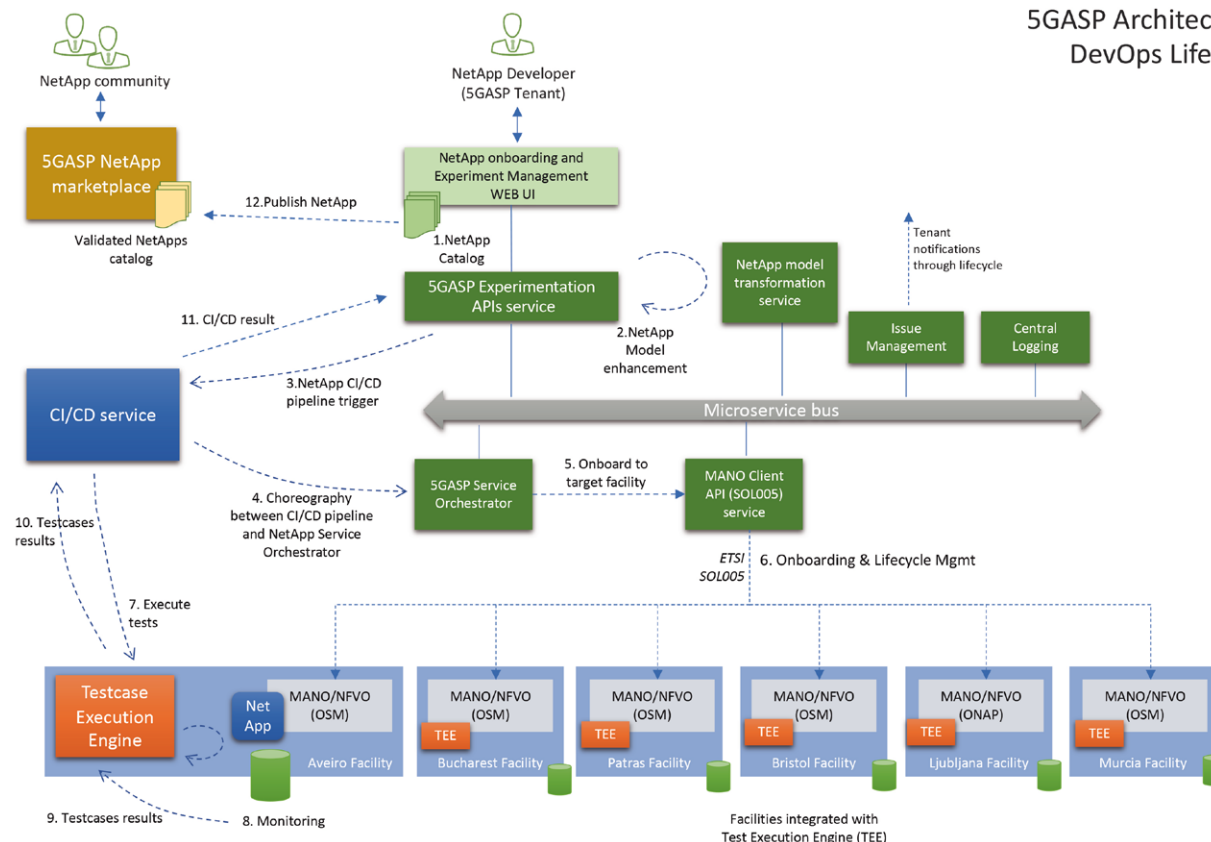
Jan. 2021– Dec 2023
<https://5gasp.eu/>

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5GASP Architecture and DevOps Lifecycle



5GASP Vision

- Innovation for operations and secure/trusted service provisioning taking advantage of experimental facilities featuring virtualised and software implemented functions.
- A 5G NetApps ecosystem being an open market, where Developers, Verticals and Network Operators can meet and create added value.
- A multi-domain testbed in which NetApps can be deployed in minutes across several domains, following a software driven process of testing and validation towards future certification.

5GASP Objectives

- Acceleration of the development, testing and certification of NetApps, through the creation of a common platform, DevOps tools and a certification roadmap.
- Provision of state-of-the-art testbeds where applications for relevant verticals can be tested and validated in a cost-effective way.
- Technical innovation by addressing inter-domain use-cases, security and trust aspects associated with NetApp deployment and Operation.
- Automation of the process of testing and validation, lowering cost associated with testing and certification of NetApps in telecommunication environment.

5GASP Commitment

- 5GASP represents a unique opportunity to accelerate new ideas in the NetApp market by providing knowledge and training in 5G technologies, promoting distributed events accessible online with rich contents.
- 5GASP ambitions the realization of competitive events (Hackathons and Demo Days) targeting innovations across all verticals together with our industrial partners (Orange Romania and VMware).