

# ESA Satellite Initiative for 5G

## Presentation 5G-PPP Stakeholders Infoday

Liubljana, 17 October 2017

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# ESA Satellite for 5G Initiative



1. Unite the satcom community on 5G and identify best satellite offer
2. Support the space industry in developing and demonstrating convergence and seamless integration with 5G terrestrial technologies and enable 5G services
3. Reach out to the 5G terrestrial community and standardisation bodies to promote awareness and integration with satellite
4. Reach out to 5G national and international initiatives to ensure coordination
5. EC-ESA alignment and collaboration on 5G - Alignment with 5G-PPP Roadmap2.0



# ESA Satellite for 5G Initiative - Membership



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European Space Agency

# Summary

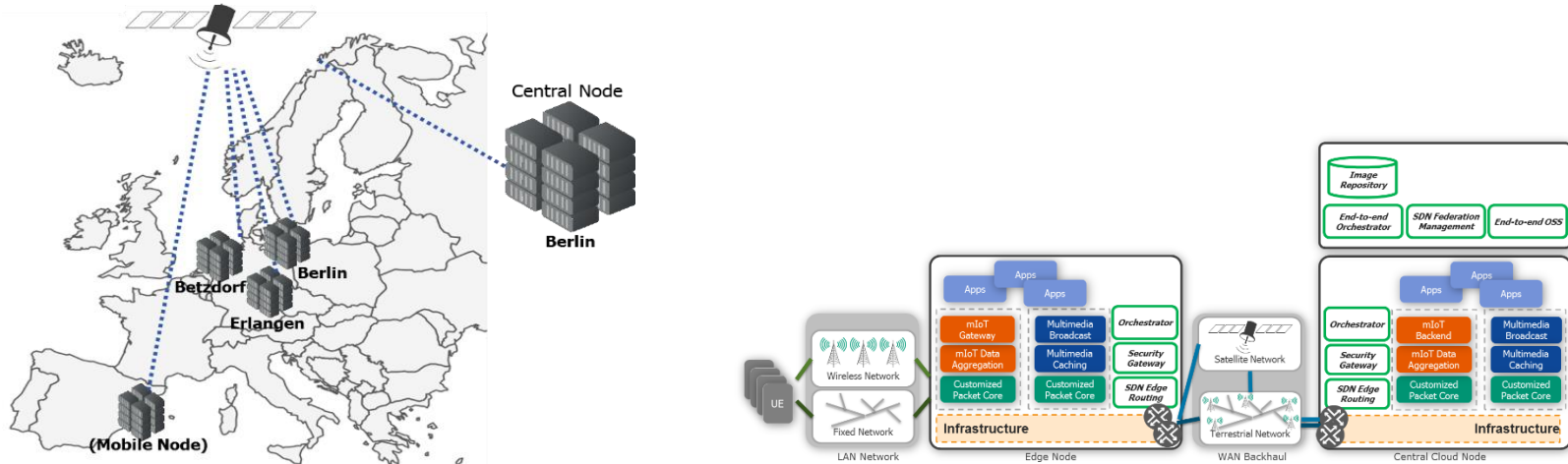


- Satellite to support spanning of 5G vision especially with Pan-European/Global and high reliable, secure integrated satellite terrestrial networks, in time and cost efficient manner.
- Everyone can endorse the published 5G Joint Statement  
**<https://artes.esa.int/satellite-5g>**
- ESA satellite 5G initiative supports 5G satellite enabling technology developments, integrated platforms, trials and pilots with satcom, terrestrial and vertical actors –a multiplier effect for EC-5G-PPP, national, international, private initiatives.
- For more information please consult our web site or email **[5G@esa.int](mailto:5G@esa.int)**

# Satis5 – ESA Live Testbed for Satellite-Terrestrial Integration in the Context of 5G



PARTNERS: EURESCOM PRIME; FRAUNHOFER FOKUS TECHNICAL MANAGER, FRAUNHOFER IIS, NEWTEC, SES, TU BERLIN, UNIVERSITÄT DER BUNDESWEHR



Courtesy: Satis5

Expected to be ready for live demonstrations in September 2018