



Introduction to SPIRIT
Scalable Platform for Innovations on
Real-time Immersive Telepresence

AMBITION

Realise Europe's first **multi-site & interconnected framework** dedicated to supporting the operation of **heterogeneous collaborative telepresence applications at scale** through relevant technology innovation

SPIRIT IN A NUTSHELL



Addressed call: eXtended Collaborative Telepresence
HORIZON-CL4-2021-HUMAN-01-25



Outcome: SPIRIT system, a distributed network and application platform with interconnected sites



Third party experimentation
through 2 dedicated Open Calls



Targeted TRL: from TRL 4 to TRL 7



Duration: 3 years



Consortium:



OBJECTIVES



1

Appropriately compressed information transmission to support a wide range of network bandwidths

2

Overcome the limitations of current technologies in handling large numbers of concurrent users

3

Support different input and output modalities as the bandwidth capacities extend

4

Through open standards, support the integration of additional services

5

Ensure security, protect user privacy and implement innovative identity management solutions

6

Develop, document and promote open standards-based interfaces - such as APIs

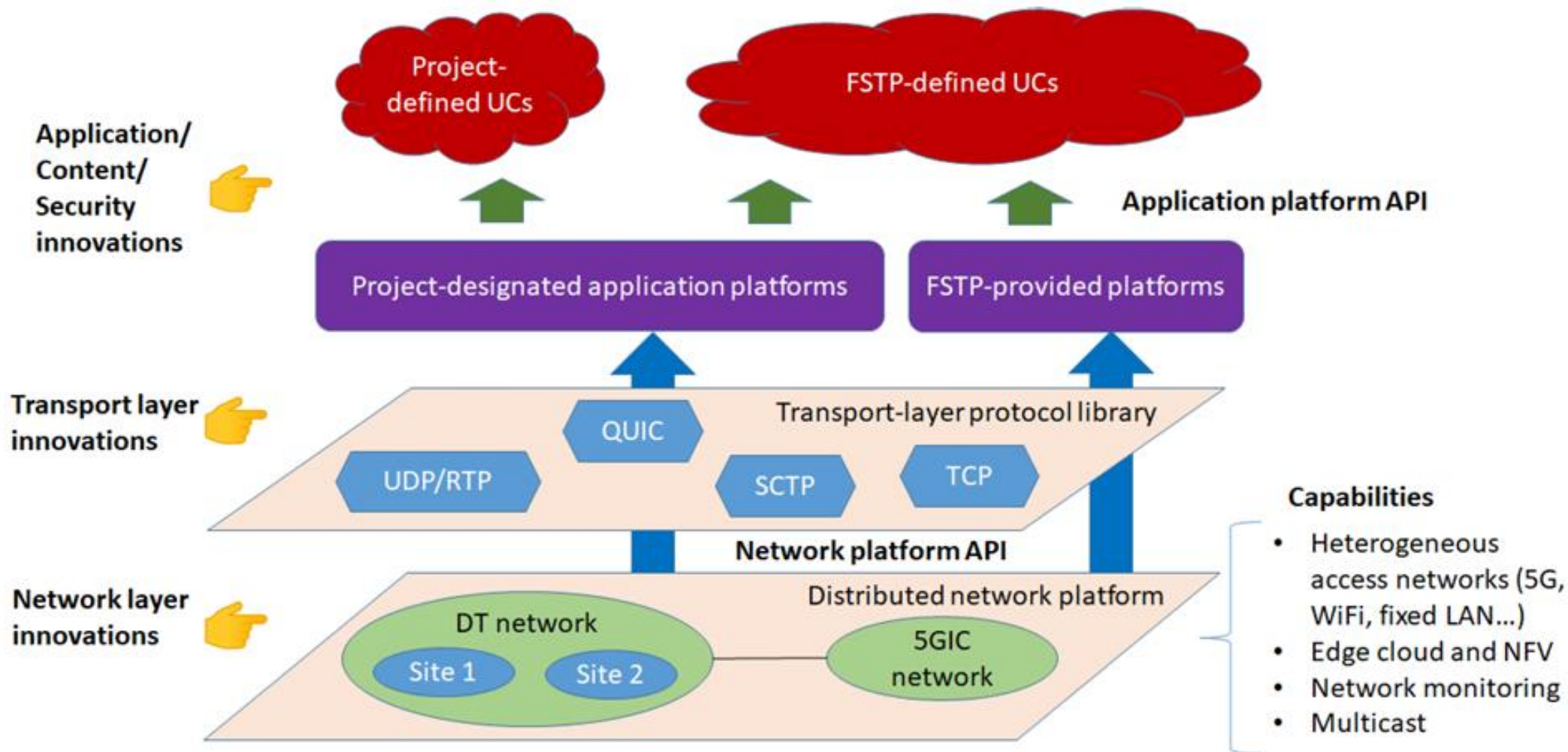
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Provide systems to facilitate human-to-human and human-to-machine interaction

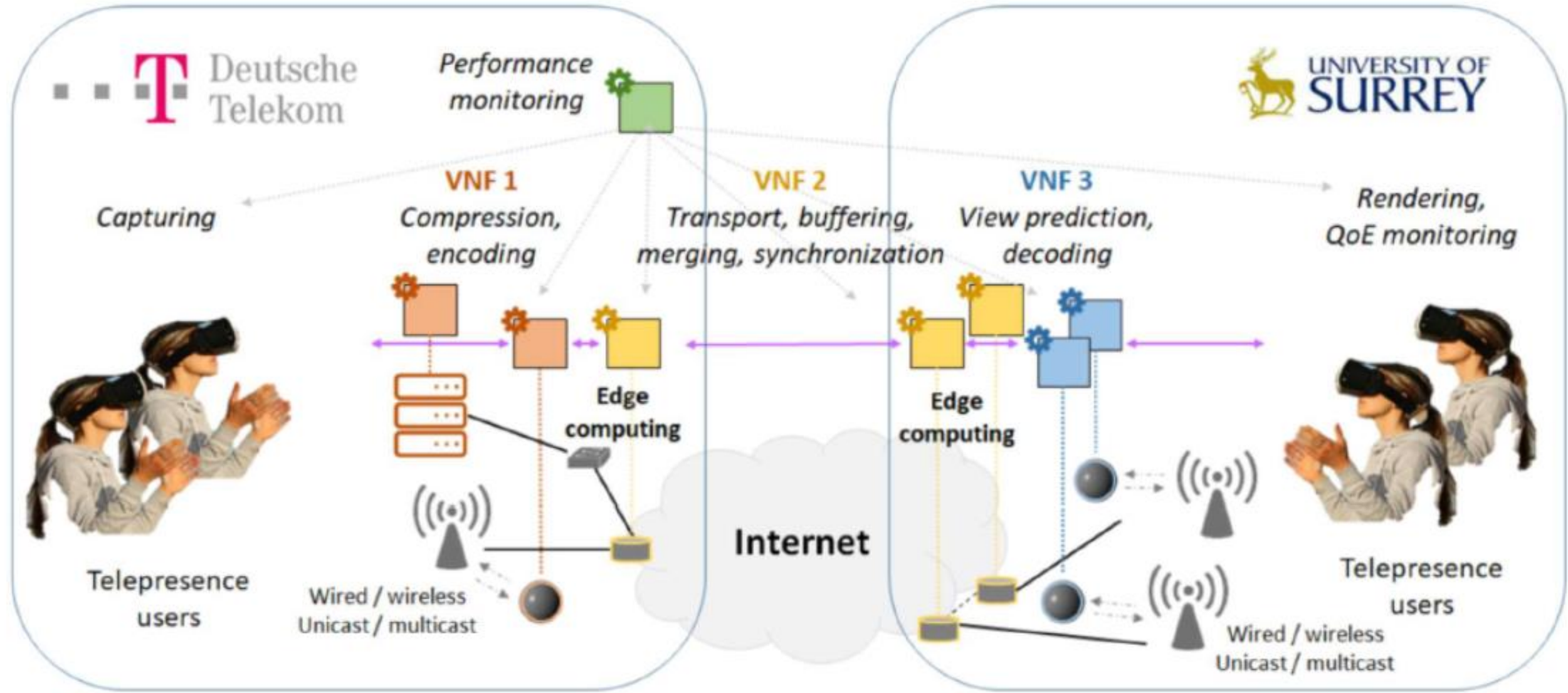
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Demonstrate clear and efficient integration paths for take-up by European industries

WORK METHODOLOGY



SPiRiT PLATFORM: HIGH-LEVEL VIEW



OPEN CALLS



SPIRIT will provide more than **3M EUR** in two waves of Open Calls to financially support the involvement of third parties to **develop and further test their individual applications using the capabilities of the SPIRIT platform.**



*2 waves of
Open Calls*



*3M EUR of
total funding*



*Up to 9 months of
testing projects*



*25 funded
project testing*



*SMEs, industries,
research & scientific
organisations*

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