



<https://www.acordion-project.eu>



ACCORDION builds on the premise that the market rollout of the NextGen applications requires the achievement of two goals, namely untethered operation and large-scale user participation. The vision of ACCORDION is to create the framework that will enable the NextGen application developers to achieve these two goals by extending the infrastructure stack from end-devices towards the cloud, in quest for more computational capacity and compensating the latency overhead with intelligent management at the application, resource and network plane.



CLOUD COMPUTING
ECOSYSTEM



INTERNET
PROVIDERS



END DEVICE
ECOSYSTEM

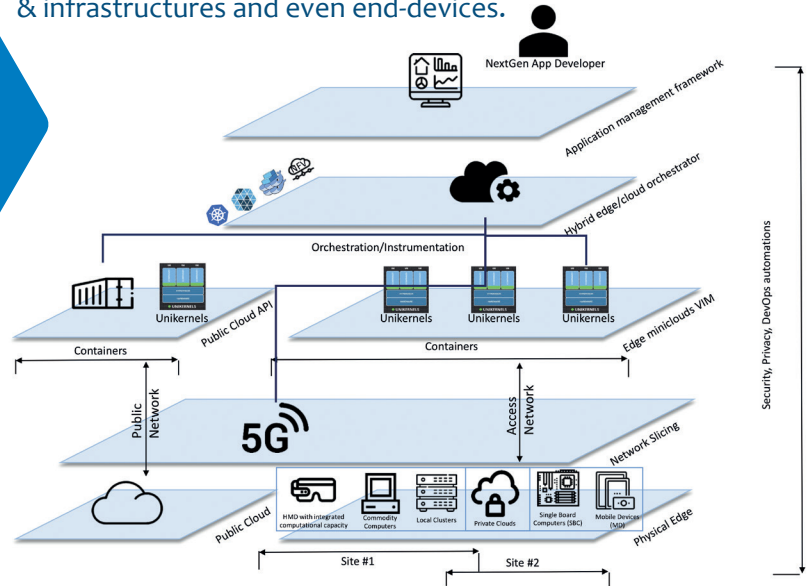
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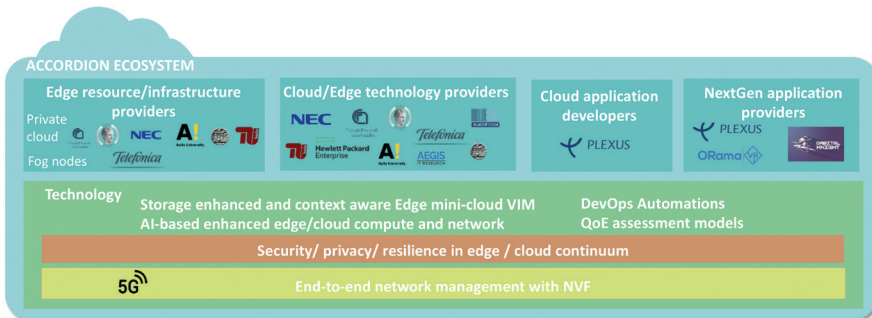
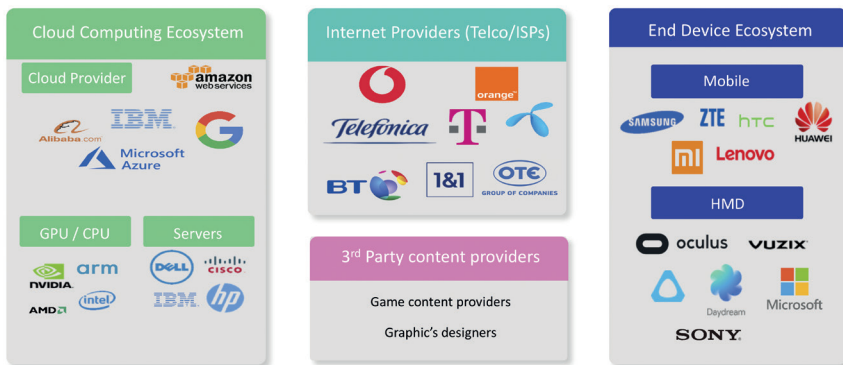
ACCORDION

ACCORDION builds on a “sparse” heterogeneous pool of geographically dispersed compute and network edge resources & infrastructures and even end-devices.



ACCORDION brings in an ecosystem of private cloud and infrastructure providers, edge/cloud technology providers, cloud and NextGen application developers to develop and validate the technology for a decentralized cloud/edge computing framework and enable the deployment of applications close to the end-users - into edge mini-clouds - utilizing distributed computing power.

The ACCORDION ecosystem aims to support consumers (i.e. individual users interested in entertainment, gaming, VR training), the public sector (i.e. educational institutes, hospitals, governments), the private sector (i.e. SMEs, private infrastructure and telecom providers) who demand emerging technologies to improve internal production process, offer new value to their customers or provide a NextGen applications and services, or technologies to support demand from consumers, public and private sector (i.e. high-tech companies) and universities/research centers (i.e. advance research) to experiment with new technologies and drive transformation.



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