ETSI NFV ISG Mission Statement

Vision:

An open ecosystem for NFV enables rapid service innovation and cost-effectiveness for Network Operators and Service Providers. Innovation in end-to-end services is enabled by software-based deployment and automated lifecycle management of virtualized network functions on independently deployed and operated NFV infrastructure platforms.

Mission:

The NFV ISG's mission is to facilitate the industry transformation and development of an open, interoperable, ecosystem through specification, implementation and deployment experience. The NFV ecosystem should be open to innovation and diverse competitive business models including software developers of infrastructure and virtualized network functions, hardware manufacturers, test and integration services, new flexible Network Operator/Service Provider business models, etc. This NFV ecosystem is expected to deliver improvements in operational and capital efficiency as well as reduced power usage for the Network Operator.

Values:

A diverse global community collaboratively pooling our skills and experience encourages the growth of an open ecosystem for NFV. As the focal point for the NFV ecosystem, the ISG maintains core NFV documentation, including an architectural framework and associated technical requirements, as well as liaison relationships with other specialist SDOs, open-source communities and industry alliances contributing technology or applying NFV concepts within their specializations. The ISG documentation (e.g., interface and data model specifications) enables vendors and open-source communities to bring interoperable products to the market. Along with related open-source implementations it also provides the technology platform underlying the NFV ecosystem, enabling open innovation in the design of VNFs and end-to-end network services composed from them, and convergence in industry requirements is promoted by implementation (including open-source software communities), deployment experience in the NFV ecosystem, Proof of Concept activities, and use cases from Network Operators and Service Providers. The ISG develops and maintains a perennial management and orchestration framework for NFV that can cope with multiple virtualization technologies and cloud management solutions and adapt to their evolutions. Finally, the ISG provides direction for NFV related messaging, conferences and events as well as proactively fostering continuing innovation in the NFV concept in academic research communities.

Approved on 22 March 2022