

# Next Generation Mobile Networks

## NGMN Liaison Statement on the NGMN 5G End-to-End Architecture Framework v2



**Title:** NGMN Paper on 5G End-to-End Architecture Framework.

**Source:** NGMN Alliance Project P1 E2E Architecture Framework

**To:** 3GPP TSG SA WG3, ETSI SAGE, ETSI TC CYBER, ISO/IEC JTC1/SC 27, FIDO Alliance.

**CC:** 3GPP TSG SA, TSG RAN, 3GPP TSG SA WG1, 3GPP TSG SA WG2, TSG SA WG3-LI, 3GPP TG SA WG5, ETSI ISG NFV, ETSI ISG MEC, ETSI TC LI, Broadband Forum, Wireless Broadband Alliance, IEEE LAN/MAN, MEF, TM Forum.

**Date:** 12<sup>th</sup> February 2018

**Contacts:** Klaus Moschner ([klaus.moschner@ngmn.org](mailto:klaus.moschner@ngmn.org))  
Adrian Neal ([adrian.neal@vodafone.com](mailto:adrian.neal@vodafone.com))

---

### 1. About the NGMN Alliance

The NGMN Alliance is an industry organization of leading world-wide Telecom Operators, Vendors and Research Institutes (see [www.ngmn.org](http://www.ngmn.org)) and was founded by international network operators in 2006. Its objective is to ensure that the functionality and performance of next generation mobile network infrastructure, service platforms and devices will meet the requirements of operators and, ultimately, will satisfy end user demand and expectations. The NGMN Alliance will drive and guide the development of all future mobile broadband technology enhancements with a focus on 5G. The targets of these activities are supported by the strong and well-established partnership of worldwide leading operators, vendors, universities, and successful co-operations with other industry organisations.

### 2. NGMN 5G Work-Programme, Requirements and Architecture (P1)

In February 2015 the NGMN Alliance published its 5G White Paper providing consolidated 5G operator requirements. In June 2016 NGMN launched the second phase of its 5G-focused work-programme and in September 2017 the first version of the NGMN End-to-End Architecture Framework was published, building on and developing end-to-end architecture principles from the 2015 5G White Paper and the first phase of work in project P1, which can support the standardisation and subsequent availability of 5G for 2020 and beyond.

### 3. Intention of the LS and required actions

# Next Generation Mobile Networks

## NGMN Liaison Statement on the NGMN 5G End-to-End Architecture Framework v2



NGMN is pleased to inform the recipients of this liaison statement that the second version of the NGMN 5G End-to-End Architecture Framework has been published.

The Security and Identity Management sections have been further developed by the NGMN Security Competence Team whilst leaving the other sections untouched. As such the attached version will be of especial interest to those working in the security and identity management areas. The document will be maintained and future versions are anticipated in order to reflect further forward-looking architecture requirements as they arise.

NGMN kindly requests the recipients of this liaison to consider the architectural principles and requirements in the attached document and to use them as part of the basis for their ongoing work on the industry-wide 5G Architecture.

### References

None.