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**From:**

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**Date:** July 28<sup>th</sup>, 2016

**Subject:** Cooperation on 5G FMC

Dear colleagues,

We are pleased to inform you that BBF has initiated work on studying 5G requirements & enablers with respect to broadband networks. We are also completing the first phase of a study on 3GPP-BBF common functions.

When we examine the industry vision laid out by NGMN in their 5G whitepaper<sup>1</sup>, we recognize that 5G design requirements and technology enablers drive both mobile and fixed developments. As such we have identified a role that the BBF can play with respect to FMC for 5G. We consider working on 5G-Fixed Mobile Convergence (5G-FMC) as one of the areas of high priority.

Given the business requirements for 5G, particularly considering that:

- Seamless service experience is key for customers and drives the need for full FMC
- 5G services are to be deployed in an access-independent context across several access technologies (incl. fixed, mobile, wireless),

we would like to propose establishing an inter-SDO cooperation between 3GPP and BBF dedicated to driving FMC for 5G.

Following an initial phase of alignment of existing concepts and activities (incl. progress made on related work since BBF TR-291/TR-300 and 3GPP Rel. 12), we propose to work jointly on 5G-FMC specifications, including (but not limited) to:

- Identify and elaborate architecture requirements enabling 5G-FMC
- Derive the functional needs for converged connectivity and service experience of customers (incl. e.g. security, resource mgmt., QoS, session management)
- Analyze opportunities for functional convergence

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<sup>1</sup> Source: NGMN 5G whitepaper, [https://www.ngmn.org/uploads/media/NGMN\\_5G\\_White\\_Paper\\_V1\\_0.pdf](https://www.ngmn.org/uploads/media/NGMN_5G_White_Paper_V1_0.pdf).

- Study enhancements enabled by NFV and SDN

We would like to propose convening a two day 5G-FMC expert workshop (week of November 7<sup>th</sup> 2016, tentatively in Europe), agenda to be coordinated in advance. At our current Q3 meeting, member companies have indicated interest to offer hosting such a workshop.

We are looking forward to an open and collaborative working relationship on 5G-FMC.

We thank you for the timely consideration of this important matter.

A schedule of our future meetings appears below.

Sincerely,

Michael Fargano,  
Broadband Forum Technical Committee Chair

**CC:**

Michael Fargano, Broadband Forum Technical Committee Chair

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**Date of Upcoming Broadband Forum Meetings**

A list of upcoming meetings can be found at <http://www.broadband-forum.org/meetings/upcomingmeetingsataglance.php>