



Title: **NGMN Alliance recommendations for Next Generation Mobile Network technology**

Source: NGMN Alliance Technical Working Group Steering Committee

To: WiMAX Forum Service Provider Working Group (SPWG) –
N. K. Shankaranarayanan, Chair (shankar@att.com)

WiMAX Forum Network Working Group (NWG) –
Prakesh Iyer, Chair (prakesh.iyer@intel.com)

IEEE 802.16 – Roger Marks, Chair (r.b.marks@ieee.org)

IEEE 802.21 – Vivek Gupta, Chair (vivek.g.gupta@intel.com)

Date: 9 July 2007

Contact Person:

Name: Greg Schumacher

E-mail Address: gregory.schumacher@sprint.com

Attachments: **NGMN Alliance Next Generation Mobile Networks:
Beyond HSPA & EVDO; A White Paper - Version 3.0
(NGMN White Paper)**

1. Introduction

The NGMN Alliance is an initiative by a group of leading mobile operators to provide a vision for technology evolution beyond 3G for the competitive delivery of broadband wireless services to increase further end-customer benefits. The objective is to establish clear performance targets, fundamental recommendations and deployment scenarios for a future wide area mobile broadband network, and to make sure that its price/performance is competitive with alternative technologies.

This initiative intends to complement and support the work within standardisation bodies by providing a coherent view of what the operator community is going to require.



2. NGMN Alliance White Paper

One of the initial steps undertaken by NGMN Alliance was the development of network operator shared recommendations leading to the production of technologies supporting the envisioned future broadband wireless services. These collected recommendations for the Next Generation Mobile Networks can be found in the attached document.

NGMN Alliance will evaluate several emerging technologies including IEEE 802.16 – WiMAX; 3GPP LTE; and 3GPP2 UMB as candidates for Next Generation Mobile Networks based on meeting or exceeding the essential recommendations and meeting the preferred recommendations in the NGMN Alliance White Paper. NGMN Alliance members will further select from the available Next Generation Mobile Network technologies based on additional member specific criteria.

3. Requested action

NGMN Alliance requests that the WiMAX Forum, IEEE 802.16 and IEEE 802.21 consider the NGMN Alliance White Paper recommendations as input into specification projects contributing to further development of NGMN candidate technologies