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3rd Generation Partnership Project (3GPP), Service Architecture Working Group 2

Magnus Olsson, Chair, magnus.m.olsson@ericsson.com
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RE: Request for Statement

Dear Leaders:

The Alliance for Telecommunications Industry Solutions' (ATIS) ESIF Next Generation Emergency Services (NGES) subcommittee has been examining how the i2 architecture¹ for VoIP emergency services, defined by the National Emergency Number Association (NENA), can be accommodated under different forms of broadband Internet access and by different providers of VoIP services. In particular, the ESIF NGES is responding positively to feedback provided by 3GPP in response to a recent liaison² describing two particular call scenarios. ESIF NGES expresses thanks for this feedback and is currently working toward publishing recommendations for accommodating these particular scenarios. Before doing so, ESIF NGES is seeking clarification with respect to one issue.

Scenario 2 in the recent liaison covers the situation where an IMS subscriber is utilizing an arbitrary point of Internet access to initiate an emergency VoIP call. In this scenario, the access is regarded as being non-3GPP. For example, it may be a municipal WiFi access network that is not operated by a roaming partner of the IMS service provider and which does not contain any standard 3GPP IMS functionality such as a P-CSCF or E-CSCF.

ESIF NGES is requesting an explicit statement from 3GPP as to whether this scenario is realistic. That is, is it possible to utilize IMS as a voice service in such an access scenario? Can an IMS subscriber use their voice service from an access network which does not have a P-CSCF function? If this is the case, is it similarly valid to assume that emergency calls cannot be initiated using the IMS service in this scenario? Current reading of the 3GPP documentation suggests to members of ESIF NGES that IMS is not defined to support this scenario.

Clarification on this point will assist ESIF NGES in understanding whether there is any need to document recommendations around supporting this emergency call scenario.

Best Regards,

Robert Montgomery

Bob Montgomery
ESIF Chair

¹ NENA VoIP-Packet Technical Committee, "Interim VoIP Architecture for Enhanced 9-1-1 Services (i2)," NENA 08-001, Dec 2005.

² Request for Input/Comments Regarding the ATIS ESIF Evaluation of Location Acquisition Protocols, January 4, 2007 (Reference: [010407-037](http://www.atis.org/010407-037))

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