



ATIS STANDARD

ATIS-1000049

ATIS Standard on -

End-to-End NGN GETS Call Flows



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End-to-End NGN Gets Call Flows

Alliance for Telecommunications Industry Solutions

Approved August 2011 (Revised April 2, 2024)

Abstract

This Standard describes end-to-end call/session flows for various wireline and wireless access technologies, in addition to the IMS Core Network call/session flows in support of NGN GETS [Emergency Telecommunications Service (ETS)]. These call/session flows illustrate how an NGN GETS call/session can be processed, and address call/session set-up, termination, and on-going activities of the call/session for the various NGN GETS service types and access technologies. The call/session flows are based on various wireline and wireless Standards/Specifications.

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At the time of consensus on this document, PTSC, which was responsible for its development, had the following leadership:

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1 Scope, Purpose, & Application

This Standard describes end-to-end call/session flows for various wireline and wireless access technologies, in addition to the IMS Core Network call/session flows in support of NGN GETS [Emergency Telecommunications Service (ETS)]. These call/session flows illustrate how an NGN GETS call/session can be processed, and address call/session set-up, termination, and on-going activities of the call/session for the various NGN GETS service types and access technologies. The call/session flows are based on various wireline and wireless Standards/Specifications. This Standard describes call/session flows for the following:

- Wireline access technologies:
 - Digital Subscriber Line (DSL)
 - Fiber
 - Cable
 - Ethernet.
- Wireless access technologies:
 - Evolved Universal Terrestrial Radio Access Network (E-UTRAN)
 - Universal Terrestrial Radio Access Network (UTRAN)
 - High Rate Packet Data (HRPD)
 - evolved High Rate Packet Data (eHRPD)
 - Worldwide Interoperability for Microwave Access (WiMAX).

The material in this Standard is meant to provide a high-level illustrative description and is not intended to be exhaustive. If inconsistencies are found between this material and NGN GETS (ETS) requirements contained within other Standards/Specifications, the requirements in those Standards/Specifications take precedence.

2 Normative References

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

3GPP¹

[TS 22.011]	3GPP TS 22.011, <i>Service Accessibility</i> (Release 10).
[TS 22.153]	3GPP TS 22.153, <i>Multimedia Priority Service (MPS)</i> (Release 10).
[TS 23.002]	3GPP TS 23.002, <i>Network Architecture</i> (Release 10).
[TS 23.060]	3GPP TS 23.060, <i>General Packet Radio Service (GPRS); Service description; Stage 2</i> (Release 10).

¹ These documents are available from the Third Generation Partnership Project (3GPP) at < <http://www.3gpp.org/specs/specs.htm> >.