



ATIS-1000678.a.v2.2007 (2018)

Supplement A to ATIS-1000678.v2.2006, Lawfully Authorized  
Electronic Surveillance (LAES) for Voice over Packet  
Technologies in Wireline Telecommunications Networks

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### ATIS-1000678.a.v2.2006 Supplement A to ATIS-1000678.v2.2006, Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks

Is an American National Standard developed by the **Lawfully Authorized Electronic Surveillance (LAES)** Subcommittee under the **Voice over Packet Technologies and Systems Committee (PTSC)**.

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**ATIS-1000678.a.v2.2007**

(Supplement A to ATIS-1000678.v2.2006)

American National Standard for Telecommunications

**SUPPLEMENT A TO ATIS-1000678.v2.2006,  
LAWFULLY AUTHORIZED ELECTRONIC SURVEILLANCE (LAES) FOR  
VOICE OVER PACKET TECHNOLOGIES IN  
WIRELINE TELECOMMUNICATIONS NETWORKS**

Secretariat

**Alliance for Telecommunications Industry Solutions**

Approved May 14, 2007

**American National Standards Institute, Inc.**

**Abstract**

This document is a supplement to ATIS-1000678.v2.2006 and provides clarifications, corrections, and enhancements.

## FOREWORD

The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

The Alliance for Telecommunication Industry Solutions (ATIS) serves the public through improved understanding between carriers, customers, and manufacturers. The Packet Technologies and Systems Committee (PTSC) -- formerly T1S1 -- develops and recommends standards and technical reports related to services, architectures, and signaling, in addition to related subjects under consideration in other North American and international standards bodies. PTSC coordinates and develops standards and technical reports relevant to telecommunications networks in the U.S., reviews and prepares contributions on such matters for submission to U.S. ITU-T and U.S. ITU-R Study Groups or other standards organizations, and reviews for acceptability or per contra the positions of other countries in related standards development and takes or recommends appropriate actions.

ANSI guidelines specify two categories of requirements: mandatory and recommendation. The mandatory requirements are designated by the word *shall* and recommendations by the word *should*. Where both a mandatory requirement and a recommendation are specified for the same criterion, the recommendation represents a goal currently identifiable as having distinct compatibility or performance advantages.

This document is entitled *Supplement A to ATIS-1000678.v2.2006, Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks*. This standard is the result of work by members of the Packet Technologies and Systems Committee (PTSC), working within the Lawfully Authorized Electronic Surveillance Subcommittee. This Standard specifies clarifications, corrections, and enhancements to ATIS-1000678.v2.2006.

Changes to the baseline text of ATIS-1000678.v2.2006 are indicated through the use of change-bars; ~~strikethroughs~~ show deletions, *italic underlined text* shows in-line insertions, and indented Arial text shows larger insertions.

Future control of this document will reside with PTSC. This control of additions to the specification, such as ongoing protocol evolution, new applications, and operational requirements, will permit compatibility among U. S. networks. Such additions will be incorporated in an orderly manner with due consideration to the International Telecommunications Union - Telecommunications Standardization Sector (ITU-T) layered model principles, conventions, and functional boundaries.

Suggestions for improvement of this document are welcome. They should be sent to the Alliance for Telecommunications Industry Solutions, PTSC Secretariat, 1200 G Street NW, Suite 500, Washington, DC 20005.

At the time it approved this document, PTSC, which is responsible for the development of this Standard, had the following members:

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The Lawfully Authorized Electronic Surveillance (LAES) Subcommittee was responsible for the development of this document.

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# Supplement A to ATIS-1000678.v2.2006, *Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks*

## 1 SCOPE & PURPOSE

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The scope of this Supplement is ATIS-1000678.v2.2006.

The purpose of this Supplement is to provide clarifications, corrections, and enhancements to ATIS-1000678.v2.2006.

Upon publication, this Supplement shall be used in conjunction with ATIS-1000678.v2.2006, and supersedes the applicable portions of ATIS-1000678.v2.2006.

## 2 NORMATIVE REFERENCES

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

The following references are added to ATIS-1000678.v2.2006:

[Ref 31] IETF RFC 3262, *Reliability of Provisional Responses in the Session Initiation Protocol (SIP)*, June 2002.<sup>1</sup>

[Ref 32] IETF RFC 3311, *The Session Initiation Protocol (SIP) UPDATE Method*, September 2002.<sup>1</sup>

[Ref 33] J-STD-025-B-2006, *Joint Standard on Lawfully Authorized Electronic Surveillance*, July 2006.<sup>2</sup>

## 3 CLARIFICATIONS

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### 3.1 Mapping of a SIP REGISTER

The following text is inserted at the end of 5.2.1.4, *Registration Events*:

In Table B.3 and B.27 a SIP REGISTER request and its response may be mapped and reported via separate ServingSystem messages, or the SIP REGISTER request and its response may be mapped and reported via a single Serving System message.

<sup>1</sup> This document is available from the Internet Engineering Task Force (IETF). < <http://www.ietf.org> >

<sup>2</sup> This document is available from the Alliance for Telecommunications Industry Solutions (ATIS), 1200 G Street N.W., Suite 500, Washington, DC 20005. < <https://www.atis.org/docstore/default.aspx> >