



J-STD-100

**JOINT ATIS/TIA
CMAS MOBILE DEVICE BEHAVIOR SPECIFICATION**

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J-STD-100, *Joint ATIS/TIA Cellular Mobile Device Behavior Specification*

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JOINT ATIS/TIA CMAS MOBILE DEVICE BEHAVIOR SPECIFICATION

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Abstract

This specification defines a common set of requirements for GSM, UMTS, and CDMA based mobile devices. Implementation of the requirements contained within this specification is mobile device manufacturer dependent.

FOREWORD

The Alliance for Telecommunication Industry Solutions (ATIS) serves the public through improved understanding between carriers, customers, and manufacturers. The Wireless Technologies and Systems Committee (WTSC) develops and recommends standards and technical reports related to wireless and/or mobile services and systems, including service descriptions and wireless technologies. WTSC develops and recommends positions on related subjects under consideration in other North American, regional and international standards bodies.

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

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The ATIS WTSC-G3GSN Subcommittee and the TIA TR-45.8 Subcommittee were responsible for the development of this document.

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ATIS & TIA Joint Standard on –

Joint ATIS/TIA CMAS Mobile Device Behavior Specification

1 SCOPE, PURPOSE, & APPLICATION

This specification is a joint specification between the Alliance for Telecommunications Industry Solutions (ATIS) and the Telecommunications Industry Association (TIA).

1.1 Scope

One of the objectives of the Commercial Mobile Alert System (CMAS) is to define a set of requirements for the behavior of the mobile devices whenever a CMAS emergency alert is received. This specification defines a common set of requirements for GSM, UMTS, and CDMA based mobile devices. Implementation of the requirements contained within this specification is mobile device manufacturer dependent.

Even though the scope of CMAS includes paging systems, the behavior of paging devices for CMAS alert messages is not contained within this specification.

1.2 Purpose

The purpose of this specification is to define the common set of requirements for GSM, UMTS, and CDMA based mobile devices behavior whenever a CMAS alert message is received and processed. A common set of requirements will allow for a consistent user experience regardless of the associated wireless technology of the mobile device. Additionally, this common set of requirements will allow the various local, state, and Federal level government agencies to develop subscriber CMAS educational information that is independent of the wireless technology.

1.3 Application

This specification focuses on the mobile device behavior associated with the receipt and processing of the CMAS alert messages on CMAS compliant mobile devices.

2 NORMATIVE REFERENCES

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