



ATIS-0500042

**Conceptual Architecture Implementation Guidelines for
ATIS-0700028
(Location Accuracy Improvements for Emergency Calls)**

TECHNICAL REPORT



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ATIS Technical Report on

**Conceptual Architecture Implementation Guidelines for
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(Location Accuracy Improvements for Emergency Calls)**

Alliance for Telecommunications Industry Solutions

Approved January 13, 2020

Abstract

This Technical Report provides an overview of ATIS-0700028 and how it relates into the Public Safety environment. In particular, it provides guidelines on additional location information that may be provided by the National Emergency Address Database (NEAD) for both the legacy emergency services network and for NG9-1-1.

Foreword

The Alliance for Telecommunications Industry Solutions (ATIS) serves the public through improved understanding between carriers, customers, and manufacturers. The ESIF Next Generation Emergency Services (NGES) Subcommittee coordinates emergency services needs and issues with and among SDOs and industry forum/committees, within and outside ATIS, and develops emergency services (such as E9-1-1) standards, and other documentation related to advanced (i.e., Next Generation) emergency services architectures, functions, and interfaces for communications networks.

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. The word *may* denotes a optional capability that could augment the standard. The standard is fully functional without the incorporation of this optional capability.

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

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

- R. Marshall, ESIF Chair (Comtech)
- J. Green, ESIF First Vice-Chair (Sprint)
- R. Muscat, ESIF Second Vice-Chair (Bexar Metro 9-1-1)
- C. Militeau, ESIF NGES Co-Chair (Intrado)
- T. Reese, ESIF NGES Co-Chair (Ericsson)

The ESIF Next Generation Emergency Services Subcommittee was responsible for the development of this document.

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