



# LOCATION DATA PLATFORM

## Ensure 9-1-1 Location Data Integrity

Accurately determining the caller's location and managing location data are the cornerstones of 9-1-1 in legacy, transitional, and end-state NG9-1-1. The Comtech Location Data Platform is grounded on a legacy ALI product offering full Automatic Location Identification (ALI) functionality for 9-1-1 systems plus complete access and management of ALI information via a comprehensive ALI Database Management Service (DBMS). The Comtech ALI is fully compliant with the NENA standards and provides a Master Street Address Guide (MSAG)/ Service Order Input (SOI) management system that enables the Comtech ALI to be deployed as a complete replacement of a legacy ALI. Deployed as a hosted or managed service, the Comtech ALI includes professional ALI data management provided by Comtech's data integrity group.

The Comtech ALI in conjunction with the Comtech NGCS provides the NENA i3 transitional Location Database (LDB), ensuring that your location data needs will be met now and through the transition to the i3 end state of NG9-1-1. The Comtech LDB provides functionality supporting both legacy National Emergency Number Association (NENA) 04-001 queries and Hypertext Transfer Protocol (HTTP) requests and responses.

The Comtech Location Data Platform provides complete legacy ALI replacement and LDB transitional capabilities; this combination supports the jurisdiction's smooth and swift evolution of the data and business processes from legacy 9-1-1 to the end-state NG9-1-1 platforms Location Validation Function (LVF), Location Information Server (LIS), and Additional Data Repository (ADR).

## Industry Compliance

The Comtech Location Data Platform solution complies with the NENA 02-010, 02-011, 02-015, 04-001, 71-501 and 05-001 (J-STD-036 E2) standards.

Key Feature	Benefit
<b>Legacy Support</b>	Supports the replacement of and interaction with the legacy ALI data and processes.
<b>Transitional Functionality</b>	Provides the Location Database element for transition of data and the business processes from legacy 9-1-1 to NG9-1-1.
<b>Professional Support</b>	Backed by Comtech's proven expertise in ALI/MSAG data integrity management.
<b>Geographic Redundancy</b>	Deployed with geographic diversity and redundancy, maintaining required availability.



## About Comtech Safety & Security Technologies

Comtech Safety & Security Technologies (SST) has been demonstrating its commitment to public safety for over 20 years. We deliver reliable solutions for Next Generation 9-1-1 (NG9-1-1), wireless Enhanced 9-1-1 (E9-1-1), Text to 9-1-1, VoIP & VoWiFi E9-1-1 and related emerging technologies. Service Providers, states, and local jurisdictions nationwide rely on our portfolio of mission critical products and services.

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