



Attachment A

NCT9-1-1 GIS Data Quality Control Standards and Guidelines

Overview

Purpose

NCT9-1-1's GIS Team is the Quality Control hub for regional GIS data specific to 9-1-1. NCT9-1-1 serves as the direct technical and GIS data-related contact to the County 9-1-1 Addressing Authorities and promotes 9-1-1 industry standards to ensure GIS data is ready for mission-critical 9-1-1 systems. To ensure GIS data accuracy, NCT9-1-1 employs specialized industry-specific software to perform Quality Control on the GIS Data.

Requirements

9-1-1 Addressing / GIS Data Provider will need access to GIS Desktop software supplied by NCT9-1-1 or the county, an internet connection to receive the Quality Control data and reports from NCT9-1-1, and relevant training by NCT9-1-1 personnel. Furthermore, 9-1-1 Addressing / GIS Data Provider will need a thorough understanding of the Quality Control standards built into the software supplied by NCT9-1-1, and 9-1-1/GIS industry-specific standards to ensure data integrity for 9-1-1 applications.

Resources

GIS Quality Control Software

NCT9-1-1 will supply the relevant documentation and instruction for adhering to the Quality Control Software including the exception code data sheet. The information will be made available via a web portal or other electronic standard.

Industry Specific Standards

The NCT9-1-1 GIS Team follows the industry-set standards developed by the National Emergency Number Association (NENA). NCT9-1-1 recommends the following standards and stresses the importance of these standards to ensure data accuracy and efficient 9-1-1 service.

Data Structure Documents:

1. [NENA Standard Data Formats for E9 1 1 Data Exchange & GIS Mapping](#)
2. [NENA Standard for NG9-1-1 GIS Data Model](#)
3. [NG9-1-1 Additional Data Standard](#)
4. [NENA Next Generation United States Civic Location Data Exchange Format \(CLDXF\)](#)

Data Management Documents:

1. [GIS Data Collection and Maintenance Standards](#)
2. [Standard for Reporting and Resolving ANI/ALI Discrepancies and No Records Found for Wireline, Wireless and VoIP Technologies](#)
3. [NENA Next Generation 9-1-1 Data Management Requirements](#)
4. [NENA Standards for the Provisioning and Maintenance of GIS data to ECRF and LVFs](#)