Fact Sheet

Geoprocessing Tools

A fast, efficient method to improve your GIS data for 9-1-1 call routing

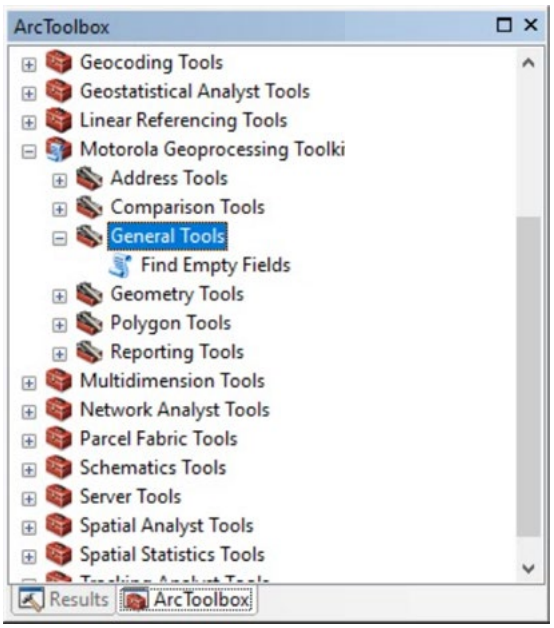
The integrity and accuracy of the data used to route 9-1-1 calls to the correct PSAP is vital to saving lives. Creating, validating and maintaining high-quality data, however, can be time consuming, requiring lengthy manual processes for GIS professionals. This can be especially taxing for GIS professionals with limited IT/GIS resources.

Motorola Solutions' Next Generation Core Services (NGCS) recognizes the need for a faster, more efficient method to ensure high-quality, accurate GIS data for successful call routing. That's why we created the 911 call routing Geoprocessing Tools. The tools are designed for personnel who maintain and submit data to the NGCS system to support 911 call routing functional elements.

Find the problems before the 9-1-1 call

Our Geoprocessing Tools improve the feedback loop within your GIS data validation process for public safety purposes. Our approach integrates data validation tools into your GIS environment to enable dynamic insights as part of your daily GIS maintenance workflow. The benefits include the ability to quickly and efficiently identify and report inconsistencies in GIS datasets - saving time and headaches.

MOTOROLA SOLUTIONS



Geoprocessing Tools benefits

- Save time with a streamlined GIS data validation process
- Be confident that you have high-quality, accurate GIS data for successful call routing for NGCS systems
- Gain an efficient feedback loop to identify and correct inconsistencies in your GIS data
- Learn and use the tools quickly with a minimal learning curve and intuitive design

Improve the quality of your GIS data

Built on the ArcGIS Desktop geoprocessing framework, the Geoprocessing Tools can help GIS editors improve the quality of your GIS data for map displays, call routing decisions and vehicle routing in your public safety systems. The tools act as extensions of either ArcCatalog or ArcMap and operate similarly to other Esri geoprocessing tools by accepting an Esri dataset type (i.e., feature class or table), performing an operation on the data and producing a new dataset. The tools provide functions such as generating reports and sending emails and can be used in Esri's ModelBuilder framework with other Esri geoprocessing tools to compose custom data workflows. Note: ArcGIS Pro support will be available Q4 2024.

Minimize the learning curve

Because the Geoprocessing Tools are based upon the established Esri platform with the same look and feel GIS professionals are used to, the learning curve and training required for implementing the tools are minimal. The name of each tool clearly describes its function, so users are able to easily select the correct tool, populate the necessary fields and follow intuitive prompts to complete each step of the data validation process. In addition, our training and documentation provides the information the user needs to quickly understand and apply the capabilities of these powerful tools.

Increase your efficiency and accuracy

Streamline youg GIS data validation process with the Geoprocessing Tools. Experience how easy and efficient it can be to quickly identify and report inconsistencies in GIS datasets. Build a more efficient and accurate feedback loop for your GIS data.

Solving for safer

Geoprocessing Tools are provided by Motorola Solutions Connectivity, Inc., a wholly owned subsidiary of Motorola Solutions. Our portfolio of managed call routing services include location-based routing, location services, ESInet and cybersecurity and are part of Motorola Solutions' ecosystem where we build and connect safety and security technologies. Our never-ending pursuit is to help keep people safer everywhere.

To learn more, visit: **www.motorolasolutions.com/callrouting**

MOTOROLA SOLUTIONS