

1.4.3 Northern Virginia Regional Routable Centerline Model

Presenter

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Sharing centerline and roadway data is critical for Emergency Response organizations. This is especially important where jurisdictions pool resources in automatic aid and mutual aid systems. The 5 Public Safety Answering Points (PSAPs) in Northern Virginia have worked together over the last 2 years to create a Regional Routable Centerline Data Model capable of supporting 911 and other operations. The data model has been integrated as part of a data work flow with the Virginia Geographic Information Network (VGIN) statewide centerline data model. As a result of this project, the jurisdictions of Northern Virginia have a seamless, integrated centerline database that supports routing in each individual CAD system.

This presentation will focus on the development of the data model, the workflows between state and local governments, and the final data model produced. During the presentation we will also demonstrate an application developed to report data errors across jurisdictional boundaries. This application was developed using ESRI's Flex application kit.