

5.3.1

Establishing a Real-Time Crash Analysis System Utilizing ArcGIS Server Technology

Presenter

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The West Virginia Division of Highways (WVDOH) maintains numerous databases, which they wish to spatially enable for improved efficiency and better analysis. The Crash Records database has been chosen as a high priority for geospatial integration within the organization. In order to meet the requirements of the WVDOH Traffic Engineering Section the Crash Records database must also be integrated with the Roadway Inventory Logs for advanced spatial analysis of the crash data. The WVDOH needs a process to easily update, maintain and analyze the information collected by first responders from all over the State.

The presentation will include the technical pros and cons of this technology from the standpoint of providing a solution for an enterprise-wide GIS implementation. The presentation will also cover the architecture utilized to create the application. A demonstration of the website will be included.