

6.4.3 Empowering Your Mobile Workforce with Mobile GIS: Ingredients for A Successful Enterprise Approach

Presenter

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The demand for highway maps at the West Virginia Department of Transportation (WVDOT) is always high. In addition to meeting the public interest by putting the maps on its website, the WVDOT Geospatial Transportation Information (GTI) Section each year prints thousands of copies for the WVDOT community. These maps are currently maintained in MicroStation DGN format. After they were created in 2004, however, except for road centerline geometries other features have not been updated on time. Given the facts that GTI has been developing an enterprise GIS database and its staff expertise in GIS has been growing, GTI initiated a project to reproduce the maps in an Esri GIS environment in an attempt to produce more accurate and current maps. This presentation will share the workflow of the project and also lessons learned from the reproduction.