

## 4.3.2

### A Technology Upgrade for KDOT's Truck Routing Information System

#### Presenter

Jesse Jay  
GeoDecisions  
jjay@geodecisions.com

#### Co-Presenter

Over the past 5 years, GeoDecisions has worked with Kansas Department of Transportation (KDOT) and the Kansas Department of Revenue (KDOR) to plan, design, develop, and implement a Truck Routing Information System (TRIS) application. The purpose of this application is to assist KDOT and KDOR personnel with the routing of oversize and overweight trucks.

The capabilities of the application include the ability to select routes to determine if a user-defined truck can pass all the selected segments. The bridges, sign trusses, and construction/detour events along each route and at any included interchanges are analyzed. For each interchange, a scanned image that illustrates the configuration details can be displayed. TRIS also integrates with the Wyoming Department of Transportation's BRASS-GIRDER™ application for further bridge analysis.

This presentation focuses on the application's overall improvements due to the change to a .NET architecture and scalable vector graphics (SVG).