

# How can law enforcement prevent road accidents and save lives?

## Tennessee Highway Patrol

Tennessee's state troopers patrol hundreds of miles of highway



To keep citizens safe, they wanted to predict where accidents would occur



IBM® Cognos® Business Intelligence and IBM SPSS® Modeler pinpoint times and places where the risk of incidents is high



Helping troopers home in on accident hotspots and prevent dangerous driving

**2<sup>nd</sup>**

lowest number of traffic fatalities in Tennessee since 1963

**6%**

reduction in deaths and serious injuries

**34%**

increase in DUI arrests

**8.9%**

reduction in alcohol-related accidents

