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Leveraging Cloud Based GIS to Handle Traffic Spikes in ITS Applications

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ITS application typically see large spikes in traffic when the weather gets bad. This causes capacity planning headaches as most of the time the resources required for the spikes are not needed. In this talk, we will discuss how the New Mexico ITS Bureau is utilizing Amazon Web Services along with ESRI's ArcGIS server cloud offering to deal with traffic spikes and high availability for the NMRoads.com traveler information system. We will discuss how the strategy keeps capacity requirements down and saves money.