

### 3.3.1 Adding Spatial Data to Existing Information Systems

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In this session we will take a look at how spatial data was added to Iowa DOT's 5 Year Program, Aviation Information Management System and Geographical Information Management System (GIMS) and others. These systems had a wealth of business data but lacked spatial data for GIS analysis. Details will be given on how Iowa used Oracle Spatial and its Linear Referencing System to store and generate locations for existing systems. Issues and successes for each project will be shared.