

4.4.1

Updating Legacy Databases: The Arizona Experience

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As Geographic Information Systems technology advances, database models must advance as well. Many users of ESRI GIS products have migrated or are considering migrating to the geodatabase model. This presentation will outline the issues confronted during the database planning and migration process at the Arizona Department of Transportation (ADOT).

The ADOT GIS database (also known as the Arizona Transportation Information System, or ATIS Roads) is the foundation for numerous planning studies and programs done by ADOT. The existing database consists of an ArcINFO coverage that contains centerlines for all state-maintained roads and the majority of local roads in Arizona. The conversion process is scheduled to be complete by the end of 2006. At this time, ADOT has completed the planning stages of the conversion and will begin migrating data into the geodatabase in the spring of 2006.