

7.4.1

GIS/IT Integration - UDOT Experience

Presenter

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One key objective of UDOT's UPlan/UGate program was to present a COP (common operating picture) to transportation professionals of varying levels of responsibility within the agency, as well as the general public. UDOT achieved this goal mainly by integrating different systems and technologies. The presenters will share UDOT's integration principles and methodologies through a discussion of several integration projects under the UPlan/UGate umbrella: a spatial data administration tool, metadata integration, CAD to GIS interoperability and network security.

Bio(s):

Bo Guo has over 20 years of IT experience, primarily in transportation. He is the founder of Gistic Research, Inc in Tempe, AZ, a company that provides enterprise GIS integration products and services using open source and proprietary technologies.

Frank Pisani is the GIS Manager for the Utah Department of Transportation. He has ten years of experience in GIS management and analysis. Frank earned a BS from The University of Delaware in Resource Economics with an Environmental Concentration and an emphasis in GIS studies.