

2.4.1 Colorado DOT GIS Integration with Enterprise Resource Planning (ERP) Implementation

Presenter

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In July of 2004, The Colorado Department of Transportation (CDOT) began the process of selecting an Enterprise Resource Planning (ERP) software vendor, selecting an integrator and then implementing an enterprise solution for CDOT. An important element of this enterprise solution involved integrating geospatial technology within the ERP solution to support business processes. CDOT contracted with Farragut Systems Inc., of Lafayette Colorado, CyberTech Systems Inc. and Deloitte & Touche USA LLP on various aspects of this implementation. The ERP initiative was rolled out in a two Phase approach, with Phase I going live in April of 2006 and Phase II going live on November 1, 2006.

This presentation will focus on those areas of the ERP implementation that required using GIS technology for support. Keeping a focus on CDOT's business processes, the presentation will identify the technology stack used (software and hardware) as well as implementation successes, challenges and future directions.