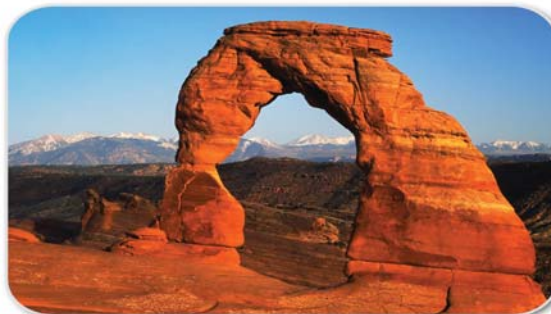


## Utah Department of Transportation



### SYNOPSIS

In 1997, the effectiveness and value of the project development and business software systems, which had been used by UDOT's Project Development, Pre-construction and Construction Divisions, were being re-evaluated. This group of software had been developed independently over many years and consisted of a variety of mainframe and personal computer systems, applications, and databases along with many manual documents and processes. The "systems" were not integrated, had functional and operational deficiencies, automation gaps, reporting deficiencies, required multiple input of the same data, and used different hardware and software platforms.

After evaluating several options, including existing systems in the marketplace, Booz Allen Hamilton Inc. recommended that the current system be rewritten to achieve UDOT's objectives. The vision was a single, highly-integrated project management and electronic bidding system supporting all aspects of the workflow process from creating engineer's estimates and electronic bidding, to making final contractor payments



and closing the project.

Having received approval and funding from management, UDOT undertook the design and development of a new system and selected ExeVision as a consulting and development partner from the outset. ExeVision and UDOT collaborated on a development effort to replace these disparate pieces, reduce

internal business processes, eliminate multiple points of data entry and remove obstacles to seamless dataflow throughout the entire workflow process.

Development of UDOT's new Project Development Business Systems (PDBS) began in 1998 and resulted in the implementation of the award-winning system that provided the process and efficiencies described above. Now in production for more than a decade, the system continues to provide substantial time and cost savings for the State of Utah. Since deployment at UDOT, ExeVision has re-written and enhanced the PDBS system, making it available from ExeVision as the integrated Project Development (iPD) solution. Other state DOTs have now also successfully implemented the solution.

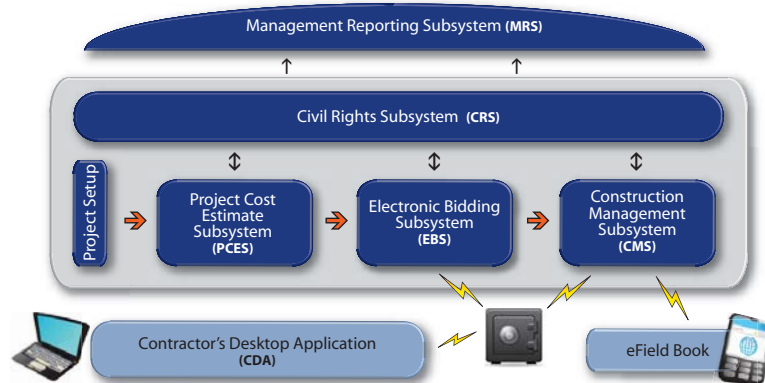
### The Utah Department of Transportation made substantial cost-saving changes with the implementation of their Road and Bridge Project Management system.

- 100% ELIMINATION of Project Binders (250 Ea.)
- 100% ELIMINATION of Spreadsheets (32 Ea.)
- 100% ELIMINATION of Hardcopy Management Reports
- 100% ELIMINATION of Data Entry Duplication

- 60% REDUCTION in Processing Change Orders & Subcontracts
- 75% REDUCTION in Printing and Distribution
- 80% REDUCTION in Phone Support Inquiries
- 60% REDUCTION in Construction Forms
- 70% REDUCTION in Time to Process Contractor Payments
- 53% REDUCTION in Contract Documentation

"...Utah has consistently built a reputation for leading the way in innovative applications of technology."

- Government Technology



## Awards & Recognition

### NCHRP - Best Practices for E-Business (Electronic Bid System)

Booz Allen Hamilton: Executive Summary Report,  
20-24 (19), "State DOTs and e-Business"

The Research Council recognized UDOT's Electronic Bid System for demonstrating four common elements:

- Convenience - Directly impacted customer self-service and resulted in greater ease of use.
- Effectiveness - Significantly improved the relationship between the agency's customers and the operating environment.
- Efficiency - Impacted the agency's internal structures and enhanced their service delivery capabilities.
- Integration - Provided a one-stop-shop type of consolidation.

### Utah Governor's Award (Outstanding e-Government Application)

"UDOT realized a 100% time savings and reductions in data entry error and discrepancies and a 95% time savings for UDOT staff analysis of bid results".

### Government Technology Online

Solutions for State and Local Governments in the Information Age

"...Utah has consistently built a reputation for leading the way in innovative applications of technology. Helping cement its high-tech credentials, Utah recently placed fourth in the Center for Digital Government's biennial Digital States Survey".

## About iPD

The integrated Project Development (iPD) solution by ExeVision is a comprehensive construction project development and management system, fully integrating all functional aspects of road and bridge construction from electronic bidding through final contractor payment. In cooperation with the Utah Department of Transportation, the award-winning PDBS system was written over many years. Now in production for more than a decade, the system provides substantial time and cost savings for the State of Utah and other state DOTs that have implemented the iPD solution.

**For more information or a live demonstration at your location:**

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