



CASE STUDY

Wyoming Department of Transportation (WYDOT)



Organization Profile Wyoming Department of Transportation Cheyenne, WY

The Wyoming Department of Transportation (WYDOT) is Wyoming's largest and most diverse state agency, with 2,000 employees in more than 60 locations. The agency's major responsibilities include planning and supervising road improvements for the 6,757 mile highway system, maintaining state highways, law enforcement on state highways, managing driver licensing and vehicle registration programs and supporting airports and aviation in the state.

Solution Profile

Applications Implemented:

- PeopleSoft ERP system, with custom software solutions
- Customized bidirectional interfaces between Agile Assets and PeopleSoft

Environment: Hosted, Oracle 10g

Hardware: HP Servers

Operating System: Unix/NT

www.dot.state.wy.us

SUMMARY: CIBER Solution a

“Benchmark for Other DOT's to Model”

The Wyoming Department of Transportation (WYDOT) is Wyoming's largest and most diverse state agency, with 2,000 employees in more than 60 locations with 24/7 operations. The agency's major responsibilities include planning and supervising road improvements for the 6,757 mile highway system, maintaining state highways, enforcing state highway laws, managing driver licensing and vehicle registration programs, and supporting airports and aviation in the state.

The majority of WYDOT's funds come from the federal government in the form of reimbursements after project expenditures have been made. To help the agency more efficiently administer projects and project details, CIBER implemented a PeopleSoft solution, and created innovative modifications to meet the agency's specific needs. The results? More detailed and accurate project reporting.

CHALLENGE: Billing System Hampers Cash Collection

The Federal Highway Administration (FHWA), a federal agency which provides financial and technical support to state departments of transportation, requires that each federally funded project be associated with the specific federal funding source and specific appropriation (i.e., program code) within the source from which reimbursement is requested. FHWA also requires that Statewide Transportation Improvement Programs (STIP) submitted by WYDOT and other state highway agencies forecast the funding for each project, showing both federal and non-federal funds.

These funding projections occur well in advance of projects becoming active. However, amounts reimbursed by FHWA are based on actual expenditures incurred, not projected amounts. In addition, individual projects often are funded from multiple sources with annual maximums per source that cannot be exceeded. As a result, very detailed and accurate project tracking is required to ensure that the agency is reimbursed for the full project costs.

Unfortunately, many disparate IT systems were used within WYDOT, and the systems were unable to share data. As a result, WYDOT used many disparate databases to track asset management, project and program data.

SOLUTION: CIBER Implements and Customizes PeopleSoft Solution

To develop a more efficient IT solution, WYDOT selected CIBER based on our extensive experience with other state departments of transportation and our industry

expertise around ERP implementations and modifications.

The new WYDOT solution had to be:

- Flexible and fully integrated.
- Easy to use so that a person whose primary job is not computer-related (e.g., a person who fills potholes or operates a backhoe) could easily use the system to record and apply time to the correct project.
- Robust enough to meet the needs of WYDOT engineers, HR professionals, and accountants to manage projects and make sound business decisions.

In short, WYDOT engineers needed features to allow fully integrated and coordinated tracking of all aspects of each project.

CIBER began by implementing Oracle PeopleSoft Human Resources and Financials and Federal Billing applications for WYDOT.

Next, CIBER built a custom modification to PeopleSoft to provide the additional features WYDOT needed.

However, since not all of the necessary features were available at the time within the PeopleSoft applications nor could be built from scratch in a timely manner, a third-party product (Agile Assets) was obtained to cover WYDOT's specific enterprise asset management needs, specifically its linear assets. CIBER built interfaces between the Agile and PeopleSoft applications. (Agile will support these interfaces as part of its maintenance program with WYDOT.)

The result is a solution that is completely integrated, so employees throughout the agency—from WYDOT engineers to HR professionals to accountants—can all use the same system and data to track all aspects of highway projects, including engineering, asset management, work orders, fleet and building maintenance, and inventory control.

BENEFITS:

The solution has also provided several significant benefits:

- WYDOT can identify projected funding for the different project phases at the time it is entered but well before it is activated.
- Projections are easily accessible by WYDOT budgeting officials to formally appropriate funds to a project phase.
- Creation of funds distribution definitions is simpler.

- Limit controls down to the specific appropriation level are available to ensure that the state does not exceed maximum funding from specific funding sources.
- Concurrent proportional funding design and a sequential funding design are both supported.
- Reimbursable costs deemed "billable" by appropriation code and project can be summarized.

Because of the solution, WYDOT is the only DOT agency in the U.S. which has a fully integrated human capital management, financial management, supply chain management, asset management, and asset maintenance ERP system.

The Federal Highway Administration (FHWA), which reviews DOT IT systems to ensure that they will support the financial requirements of the Federal Aid Highway Program, described the new system as "a benchmark for other state DOT's to model." No other DOT in the country has a system as fully integrated as the one now being used by WYDOT to analyze and run its operations.

In fact, CIBER's solution for WYDOT was recognized by Oracle for its innovation, and won the 2006 Oracle® North America Titan Award for PeopleSoft Enterprise Solutions.

"Oracle's Titan Award recognizes an outstanding solution that requires a strong understanding of customer requirements, specific technical expertise and industry knowledge, measurable business results, and obvious customer satisfaction," said Rauline Ochs, Group Vice President, North America Alliances and Channels, Oracle.

"As a Certified Advantage Partner in Oracle PartnerNetwork, CIBER has attained the highest membership level in our partner program for system integrators, which is our clients' guarantee of quality when selecting a partner. Clearly Departments of Transportation make the right choice by selecting CIBER, and for CIBER's success and achievements, we're proud to award them with a 2006 Oracle North American Titan Award."

Learn More

To learn more about CIBER's solutions, please call us at 800-242-3799 or visit www.ciber.com.

About CIBER, Inc.

CIBER, Inc. (NYSE: CBR) is a pure-play international system integration consultancy with superior value-priced services and reliable delivery for both private and government sector clients. CIBER's services are offered globally on a project- or strategic-staffing basis, in both custom and enterprise resource planning (ERP) package environments, and across all technology platforms, operating systems and infrastructures.

Founded in 1974 and headquartered in Greenwood Village, Colo., CIBER now serves client businesses from over 60 U.S. offices, 25 European offices and seven offices in Asia/Pacific. CIBER operates in 18 countries, with more than 8,500 employees and annual revenue of approximately \$1.2 billion.

The logo for CIBER, Inc. features the word "ciber" in a lowercase, bold, sans-serif font. The letters "c", "i", and "e" are in a dark blue color, while the letters "b", "r", and the final "e" are in a lighter blue color. A registered trademark symbol (®) is positioned to the upper right of the final "e".

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