ADVISICON ENTERPRISE PROJECT MANAGEMENT CONSULTING CASE STUDY

ODOT (Oregon Department of Transportation)

ODOT is Oregon State's transportation infrastructure construction, maintenance, planning, and management organization, one of the largest departments of the Oregon state government.

Once the Oregon Transportation Commission (OTC) approves a Statewide Transportation Improvement Program (STIP) project under the Oregon Transportation Investment Act (OTIA), Project Leaders refine the schedule with a Project Delivery Team that includes technical specialists from the technical discipline units (Bridge, Survey, Environmental Services, and Roadway Design, et al.) required to complete the design activities of the preliminary engineering (PE) design project.

The Highway Division manages approximately 450 active STIP/OTIA projects at a time, and delivers approximately $600 million of STIP/OTIA projects annually.

Business Situation

The number of ODOT construction projects was increasing, but budgets and resources needed to deliver projects were restricted. The system they were using to plan and manage projects was not working as expected and had been rejected by most of the project and resource managers as being too cumbersome to deliver the reports they needed.

Key Pain Points

- Lack of resource utilization and workload visibility for planning and forecasting
- Managing and updating project schedules was tedious and difficult
- Needed more integration of their technology with the ODOT project management culture
- Lack of organizational standards and metrics for reporting
- Systems need to integrate with line of business systems currently in use

Solution Delivered

Advisicon evaluated the business needs and recommend several technology solutions that would address their enterprise program management and resource management needs. ODOT commissioned Advisicon to rate and rank the possible solutions available: AMS, P3 (Primavera) and MS Project and MS Project Server. After ODOT decided to implement Microsoft® Project

Server, Advisicon implemented the system throughout the ODOT system statewide and delivered the following services:

- Stakeholder analysis & requirements map
- Customized and configured the system to meet reporting needs
- Trained resource managers, tech center managers, project leaders and executives how to use and leverage Microsoft® Project Server for ODOT's project management activities
- Audited all local configurations and trained users statewide
- Cross-trained the ODOT administration team to continue to customize and configure Microsoft® Project Server as needed
- Assisted with the integration of ODOT's programming and database configuration with other line of business systems (CMS)

Benefits Delivered

Benefits ODOT received by implementing this solution through Advisicon:
- Reduced time necessary for forecasting and planning from weeks to hours
- Increased resource management and workload visibility
- Provided web-enabled views of project, task, issues, risks, documentation, resources
- Ability to drill down into resource capabilities within regions, projects and tasks
- Delivered all required web portfolio reporting functionalities (from OLAP Cube)
- Integration of SharePoint Services to support and establish project site workspace and project teams collaboration
- Provided 'What If' scenario modeling for new projects and established for resource availability, and more flexibility managing State-legislated project mandates
- Knowledge transferred to internal resources to enable continued, self-directed adoption

Software / Services Delivered

- Microsoft® Project Server
- Microsoft® Project Professional
- Microsoft® Excel Portfolio Reporting
- Microsoft® Windows SharePoint Services

Key Audiences

- Executive Management
- Regional, Division and Tech Center Managers
- Project Managers
- Resource Managers
- Team Members