

CASE STUDY—OIL AND GAS INDUSTRY

Project Planning Software Cost Estimating & Scope Analysis Application

About the Client

Since 1987, TSB Offshore, Inc. has been recognized as a leader in the oil and gas industry for providing decommissioning consulting and abandonment project management services, which include:

- Project planning
- Liability estimates
- Scope studies
- Job execution

Specialized proprietary software applications and proven assessment methodologies ensure accurate estimating and precise execution.

WE SOLVE PROBLEMS

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Client Need

Create a database driven application to store, access and retrieve our proprietary information of highly regulated decommissioned guideline requirements with a comprehensive web-based tool designed specifically for the oil and gas industry. The tool should access intricate, detailed data and algorithms for valuable trend analysis and insights as well as creating decommissioned cost estimates.

Product Challenges

Develop an easy-to-use application readily accessed through any workstation that interfaces with our database. Automatic identification and data capture (AIDC) of the latest industry specific resources including complex regulatory, statutory, federal, and industry specific information.

The delaPlex Solution

We created a customized, proprietary enterprise solution, called **PAES® or Platform Abandonment Estimating System**, which interfaces with an industry specific resource database for developing decommissioning cost estimates and to provide unique trend analysis and insights for decommissioning projects. PAES also interfaces with various agencies to deliver all requirements in a timely manner.

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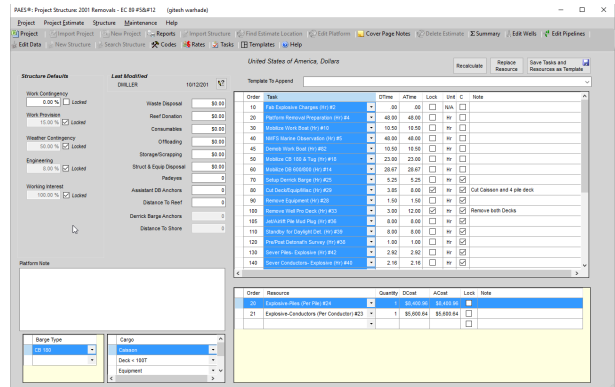
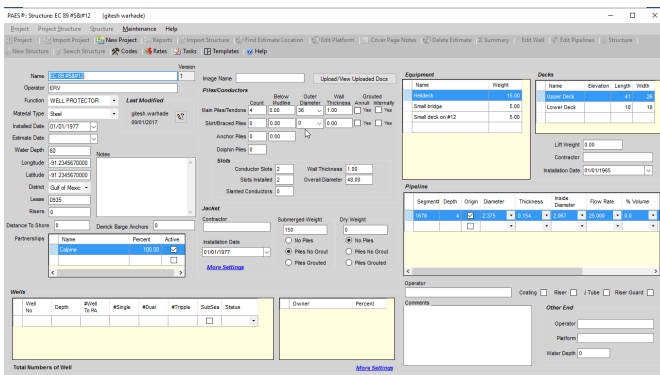
TECHNOLOGY TOOLBOX

How We Did It

The dedicated development team at delaPlex for TSB Offshore first conducted an industry requirements analysis to design a client-specific solution. An agile & process driven methodology was employed with the following technology stack to deliver a functional planning application for world-wide oil and gas decommissioning projects.

. NET Stack

IDE - Microsoft Visual Studio 2010 Professional Edition | Server Side Technology - Microsoft .NET, C# | Data Access - LINQ, Stored Procedures | Database - Microsoft SQL SERVER 2008R2 | Source control - Team Foundation Server | Servers - SSRS reporting | OS - Windows Server 2003/2008/2012



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"delaplex is different. I could have used any outsourcing company. I am glad I didn't. Why? They worked with us, not for us. That's rare. delaplex is the true definition of a partner."

KEN BECK | Director - International Business Development
TSB Offshore, Inc.

