

January 2012

Crude Oil Transportation System (COTS)

For Petrotranz Inc.

Overview

In the past, the transportation of crude oil volumes was a highly administrative and error-prone process, managed through the unstructured communication methods of faxes and emails. Petrotranz Inc's Crude Oil Transportation System (COTS) was developed to improve this cumbersome industry process.

Petrotranz COTS is a secure, automated communication and collaboration web-based application that streamlines the manual processes and documentation required in the transportation of crude oil from wellhead to market. It provides Producer Operators, Operators of Pipelines/Truck Terminals/Cleaning Plants and Shipper Marketers with the ability to manage forecast volumetric data, capture production information, and reconcile delivered volumes each month. The capture of actual delivery volumes allows for the detailed analysis of forecasted versus delivery volumes as well as the allocation of marketer splits for each production facility.

COTS was built on industry standard technology from Microsoft[®] coupled with Pandell's web application toolset.

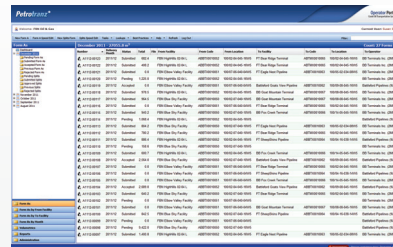
Results

Petrotranz selected Pandell as its technology partner to develop and manage COTS, in September 2007. In February 2008, the solution was successfully launched on-budget and on-time. Since its inception, COTS has maintained 99.99% system uptime, and has passed annual government and industry security audits.

Within the first year, COTS was adopted by over 120 companies, including one of North America's largest midstream crude oil transportation companies. Today, the vast majority of Western Canada's Producer Operators, Facility Operators and Shipper Marketers are utilizing COTS as their primary communication tool for managing and reporting crude oil and segregated condensate volumetric data.

COTS is currently used by over 1,500 users, and facilitates the management of more than \$1.8 billion of crude oil each month. It has helped reduce financial risk for the Western Canadian crude oil industry through timely reporting, enhanced tracking, and improved accuracy of volumetric data.

Application Screenshot



Petrotranz[™]

Petrotranz Inc.

Petrotranz is a trusted, independent, 3rd party software solutions company that has improved and automated many inefficient business processes with positive financial implications for the Crude Oil industry. Through work with Industry and their technology partners, Petrotranz is responsible for the ongoing development and implementation of the COTS Platform for the Western Canadian Energy Industry.

Today the Company supports more than 500 companies in the energy sector, and was recently awarded the contract to serve as the Administrative Manager for the Crude Oil Logistics Committee (COLC) throughout 2012.

About Pandell

Pandell is a software solutions company that's been bringing industry specialized software products and business services to market since 1997. Today the company serves more than 55,000 users across hundreds of organizations in the energy and government sectors. Pandell's PLISolutions[™] Division specializes in building and managing secure, large-scale, web-based, custom software applications for enterprise organizations.