

# NEWALTA

## New Alta

Leading Engineering Environmental Solutions Organization

### Final Result

**Increased information accuracy, eliminated manual data entries and created an automatic information validation system.**

### **+ Project Highlights**

- ✓ Eliminated manual data entries
- ✓ Reduced billing cycle period
- ✓ Established access to accurate information
- ✓ Improved SAP PI framework effectiveness
- ✓ Bonus: solution captured zip-codes for error-free Sales tax calculations!

## Context and Objectives

New Alta's waste processing facilities, located in Texas and North Dakota, required precise and accurate State Regulatory reports on a monthly basis that could be automatically generated by SAP and displayed in the required format requested by each State.

Main objective of this project was to eliminate manual data entries and increase data accuracy for final billing process.

## Challenges

- Automatically extracting data from the American Petroleum Institute – an external resource that sustains the exact source information required for New Alta's detailed reports.
- Storing the institute's data in SAP for continuous use in sales order entries and invoices.
- Standard SAP PI 7.31 did not offer a sufficient rest service adapter to facilitate the data extraction and maintenance.
- ABAP enhancement programs were required to control billing process.

## Solution

Abilis PI enhanced and mitigated the data short comings by developing a module adapter in SAP PI and an external Web Service application in order to overcome the technical challenges of obtaining the institute's information. This implementation process required effectively installing the proper mapping and transformation objects into the SAP PI framework. Once the integration was completed, New Alta possessed a brand new interface - API Well Master Table - which allowed the collection of 3<sup>rd</sup> party web services, and accelerated several of their business processes.

## Customer Response

*Very happy that the system now offers automatic validation of ship-to information and the sales orders and invoice information is accurate and adheres to the State's strict regulatory report requirements.*