



Seamlessly Loading IHS Global Data Using OpenSpirit



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EnergyIQ Overview



- EnergyIQ delivers software and services to help clients manage their E&P data to meet the needs of the business
- We focus on the back-end of data management: mapping, loading, and managing E&P data in a master data store environment
- With our experience we are able to bridge the gap between the business and technology to deliver pragmatic solutions to real problems

Business Challenge



- IHS delivers comprehensive E&P data on a global basis. However:
 - Data formats and meaning vary widely across regions
 - There are a variety of formats even within regions
 - Data volumes are huge and a strain on resources
- Clients need to load data to multiple applications and stores
- The lack of a consistent method for loading IHS data when and where clients need it can result in significant errors

Business Challenge Solution



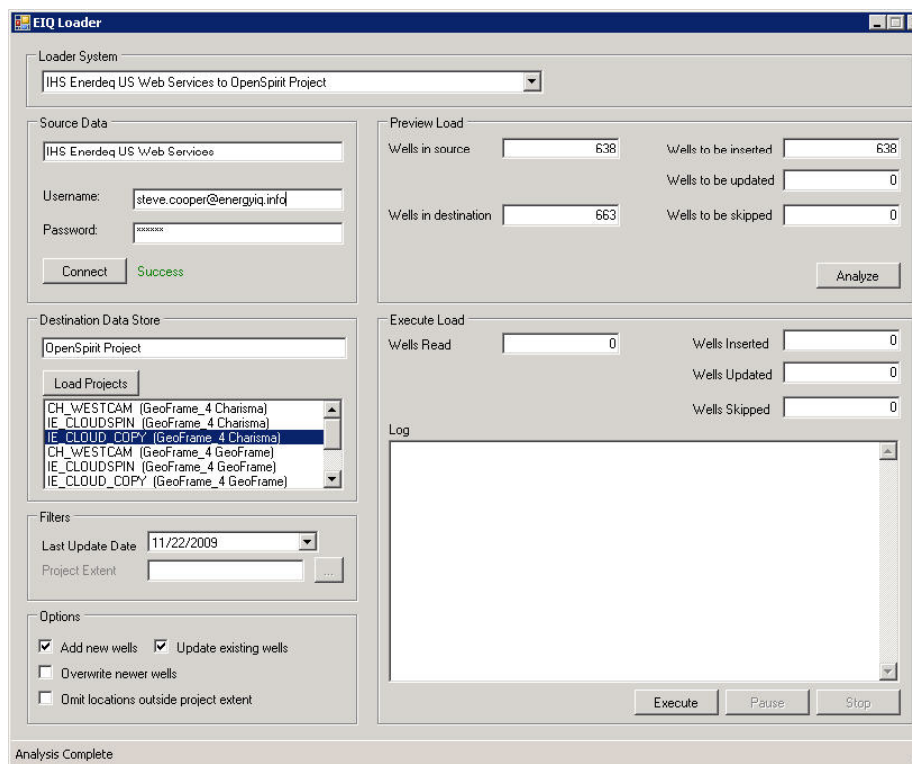
- EnergyIQ has developed a loader for IHS data delivered through the Enerdeq Web Service
- The loader reads IHS US and International data, transforms it into a common format and writes it out to the OpenSpirit data model
- The combined solution delivers consistency and flexibility in terms of reading the data and delivering it through the OpenSpirit API

Business Challenge Solution



- The EIQ Loader will:
 - Perform a pre-load analysis to determine job size
 - Run base loads and transactional updates
 - Handle proprietary reference codes
 - Perform loads by area, data type, or date
 - Start from a user interface or via a scheduler
 - Convert reference codes to the OpenSpirit format
 - Write data to any store supported by OpenSpirit
 - Broadcast OpenSpirit load events and listen for GIS events to load data by AOI

Workflow Movie



End-User and Solution Benefits



- Consistent mappings across regions permitting cross-boundary queries and selections
- Flexibility in loading (area, date, data type)
- Transformation to standard code sets (PPDM)
- Integrated with the OpenSpirit event broadcasting
- Support of multiple output formats through the OpenSpirit API
- Robust error handling and recording

Summary



- The lack of an effective solution for loading IHS global data into multiple target data stores results in significant problems for organizations
- Working with IHS and OpenSpirit, EnergyIQ has developed a solution that is flexible, reliable, and efficient
- Using EIQ, IHS global data can be delivered in a consistent format to all OS supported data stores



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OpenSpirit
right
from the start