ARIES™ Software is used by Oil and Gas companies for forecasting and economic modeling - for creating and tracking budgets, well or asset reserves determination and project values for acquisitions and divestitures. LINN Energy relies heavily on ARIES™ for budgeting and forecasting, and needed to integrate ARIES™ data with its Production data (ProCount) and System of Record data (Enertia).

ARIES™ system received data dumps from Enertia and IHS periodically for data entities such as Property data, DOI data, Monthly Volumes and Routine Lease Operating Expenses. This data was manually entered or loaded from spreadsheets into ARIES™, often resulting in errors and data quality issues, poor cross-referencing, and long lead times in making the data available for well forecasting and economic modeling.

The Challenge: Enabling accurate budgeting

The main challenge that the joint LINN Energy and Seven Lakes team addressed was - enhancing forecasting and economic modeling by providing accurate supporting information for ARIES cases (wells, unit leases, etc.), resulting in accurate budgets.
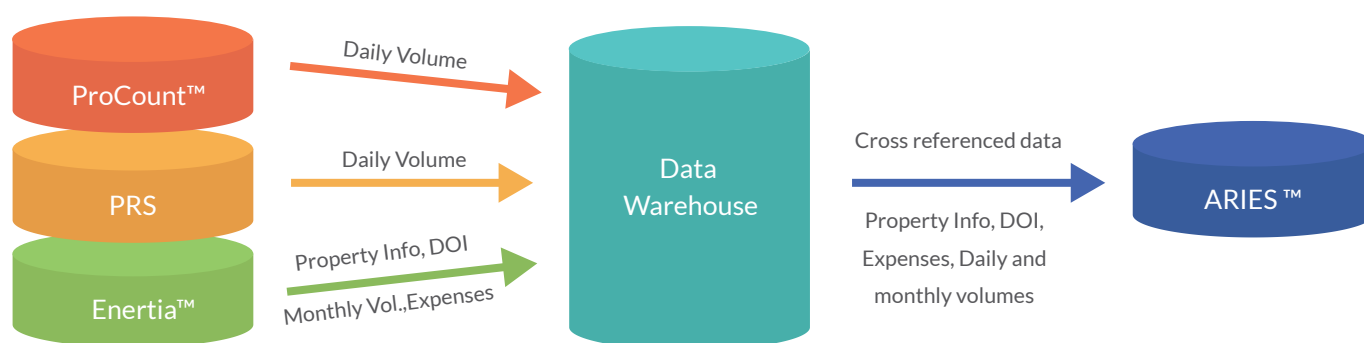

Customer Profile

LINN Energy LLC,

An independent oil and natural gas company, based in Houston. It engages in the acquisition and development of oil and gas properties. LINN's properties are primarily located in theMid-Continent, the Permian Basin, Michigan, California, and the Williston Basin in the United States.

The Solution

Seven Lakes Technologies implemented LINN Energy's vision through an integrated Information Architecture with an Enterprise Data warehouse (EDW) functioning as the central hub for information flow between various separate systems. With the EDW implemented, an *agile* approach was employed to integrate ARIES™ data, with *sprints* focusing on cross-reference cleanup, DOI, Daily and Monthly, volumes and Expenses data integration.

NGL, Shrink & Yield, before & after Payout, Tax Property Codes - these additional metrics were added in a second phase of the project. The following application features were added in the second phase, as well - additional quality control reports, confirmation lease list for processed records, update option for Enertia cross referencing and data export automation from multiple systems.

Benefits

1. Accurate and timely information available to Houston and Oklahoma City ARIES users, leading to improved forecasting and economic modeling.

2. Reduced arduous, frequent and resource intensive data loading efforts.

3. One click access to exception reports helped maintain high levels of data quality post-deployment.

4. Enabled access to source data through official Systems of Record, eliminating need of manual spreadsheets.

To learn more, please visit us at www.sevenlakes.com or call us at +1-805-242-4288

About Seven Lakes: Seven Lakes Technologies is a niche analytics & technology solutions firm offering services and products for the Upstream (E&P) Oil and Gas sector; focused on improving business drivers and enhancing execution of customer business strategies. Our expertise spans service offerings including - Business Intelligence / Data Warehousing, Systems Integration, Enterprise Mobility, Custom Software Development, Operations Consulting; and cutting-edge products for E&P - such as Mobile Field Data Gathering, AFE Workflow and Well Master Workflow.