Inventory Reconciliation and Yield Accounting

Teradata Inventory Reconciliation and Yield Accounting enables oil and gas companies to consolidate inventory information across refineries, pipelines, rail, trucks, terminals and 3rd party terminals and accurately measure inventory production and consumption. The tool allows your company to boost profitability by identifying product loss, as well as consistently problematic instrumentation. It also provides decision-makers throughout the plant with critical reconciled production data.

Features

- Captures, cleanses data before reporting

- Creates a true inventory record for the site

- Provides volume correction factors to obtain net volume

- Data reconciliation on plant/site-wide basis for mass and volume balances

- Determines daily inventory loss and provides warning of operational problems

- Utilizes raw measurements (inventories, movements, properties) from Historian, SCADA data, manual input from operations, and lab values as inputs

- ODBC compliant architecture

- SQL querying capabilities

- BI tool agnostic. Excel can be used as a reporting tool and not a database.

Benefits

- Improved margins

- Cash flow forecast improvement — accurate within +/- 15%

- Allows CFO and supply and trading organization flexibility in working the market

- Production planning can look at inventory daily and weekly and determine if end-of-month targets are feasible

- Enables accurate and agile decision-making by delivering timely and accurate information across the enterprise

- Reconciles and validates process information from historian

- Enables creation of production and consumption report

- Generates daily transactional information from processes

- Generates and publishes results to company's choice landing area for best practice reports

About Teradata

Teradata leverages all of the data, all of the time, so you can analyze anything, deploy anywhere, and deliver analytics that matter. By providing answers to the complexity, cost and inadequacy of today's analytics, Teradata is transforming how businesses work and people live. Get the answer at **teradata.com**.