

Professional Services

Informatica Oil & Gas Data Management Solution

Description

The need for high levels of confidence in data is at an all time high for all sectors of the Oil & Gas Industry. The impact of invalid, incomplete and inaccurate data can have devastating effects on compliance, regulatory and financial reporting. Manual analysis and correction of data is not only time consuming and ineffective it is also impractical to consider this approach. The Oil & Gas Data Management Solution assists in creating systematic processes to identify data issues and reporting them to the appropriate stakeholders.

This solution enables you to quickly begin integrating the Informatica Oil and Gas Data Management Solution. It includes pre built Informatica processes in support of the Public Petroleum Data Model with standard API data included in the solution. During the engagement you will benefit from the knowledge and experience of Informatica Professional Services ensuring data quality needs are being integrated as a core component of your organization's data management strategy.

Value:

Discovery & Analysis

- Increase your knowledge of data quality with access to a proven solution, professional expertise, and documented best practices for data management
- Discussions related to implementing data quality as a component of a data management strategy and the types of business rules that should be implemented to achieve the organization's goals as it pertains to data quality

Leverage Best Practices in Data Quality and the Oil & Gas Industry

- Leverage the cumulative experience of Informatica Professional Services in the Oil & Gas Industry.
- Discuss strategies to provide assistance in additional analysis of data through the initial profiling of well data

Enterprise Strategies

- Develop processes to certify the quality of data, ensuring that the data is correct, complete, conforms to standards, and is consistent throughout your organization
- Discuss strategies to reconcile data definitions across multiple applications and silos to enable consistency in how data is defined and reported against

Deliverables:

- Consulting intelligence and enablement on data quality methodologies and best practice usage of the Informatica software suite as the foundation of an oil and gas data management solution
- Provide a comprehensive overview of Informatica's Oil & Gas Data Management Solution as well as recommendations to integrate Informatica Data Quality in other areas within your organization
- Where applicable, Informatica Data Quality (IDQ) and Informatica Data Explorer (IDE) to be installed, configured, and connected to allow for processing of data quality plans provided via the Oil & Gas Data Management Solution
- Installation and configuration of the following pre-built components:
 - Default Data Quality plans for processing well head data to ensure consistent content and format in all sources
 - Installation of Data Quality plans to identify duplicate information including:
 - Duplicate Well Information
 - Duplicate Production Information
 - Reference dictionaries with API reference information
 - **API Codes at the Country Level:**
 - Canada
 - Mexico
 - US
 - **API Codes within the US:**
 - State and County Codes
 - Includes Alaska, Pacific Coast, Atlantic Coast, Northern Gulf of Mexico
- Customization of the pre-built sample reports specific to oil & gas including key attributes used in monitoring well head data
- Knowledge Transfer and Informatica Data Quality plan documentation

Typical Duration:

- The typical engagement for companies to begin with this solution is four to six weeks.

Prerequisites:

- Appropriate business and IT personnel
- Informatica Data Quality and Data Explorer should be installed and configured within your environment, Version 8.5 or higher.
- PowerCenter should be installed and configured within your environment, Version 8.1.1 or higher
- Access to the data areas that will be impacted by the oil and gas solution (such as well head data)
- Any predefined data quality processes currently leveraged within your organization

Details:

With our team, you will accomplish the following:

- Where applicable, the initial installation of Informatica Data Quality and Informatica Data Explorer to support the Oil and Gas Data Management Solution
- Customization of pre-built plans and data quality processes delivered with the Oil and Gas Data Quality Solution
- Begin the process of applying data quality business rules in a batch environment with Informatica Data Quality, progressing through the following areas:
 - Analysis
 - Cleansing and Standardization
 - Reporting
- Learn about Informatica's data quality methodology and its best practices for integrating Informatica Data Quality as a key component of an oil and gas solution
- Document "Next Step" enterprise data quality strategies to mitigate risk that should be addressed within your organization

For more information, contact Informatica Professional Services at ips@informatica.com



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