

Industry: Public Sector

Technology: Informatica

Use Case: EDC, DQ, DG, Better compliance



Food and Drug Administration

LumenData developed a data governance & catalog solution using Informatica Axon/EDC for a large Federal Agency to put process into action, enabling data stewards/owners to further visualize their data and work towards maintaining a trustworthy data source

Challenge

Data scattered across different systems & departments, making it difficult to access & manage effectively

Inaccurate, incomplete, or inconsistent data leading to distrust & unreliable decision-making

Difficulty in adhering to regulatory requirements related to data privacy and security

Unclear responsibility for data quality and accuracy, leading to potential issues

No clear guidance to identify PII data

No centralized place to see all data assets

Solution

- Implement Data governance initiative leveraging Informatica EDC and Informatica data quality tool at enterprise level
- Scheduled meeting and interviewed different stakeholders and data owners to understand challenges and document the findings
- Developed and implemented a pilot program working with FDA CDER by implementing data governance program
- Implemented MDM solution to master organization and its associated franchise and physical location data
- Established data board and center of excellence (COE) team to review data quality issues across the FDA CDER center
- Configured over 86 data sources in EDC and performed the metadata scan to view end to end lineage
- Onboarded Data classifications for more than 30 source systems
- Configured security to provide appropriate privileges to users to adhere with security compliance
- Gathered requirements identified data quality issues and performed data analysis on the systems in scope
- Developed and implemented data cleansing and standardization rules to improve quality of the data

Outcome

Leadership to view all data sources at one centralized location

Business to search and access data across different system and view end-to-end data lineage

Identify PII information across different systems within the FDA CDER center

Better Compliance: Data governance ensures that data is handled in a way that complies with laws & regulations like GDPR/HIPAA.

Improved Data Quality: Data governance helped businesses ensure that their data is accurate, complete, consistent, & integrity

Data Security: Data governance program helped businesses avoid data vulnerability by restricting data access & setting up security measures