

# Data Governance for Security Compliance for a German Automaker in Midwestern United States



Faster analytics performance



Dramatically faster response times



Affordable Implementation



Competitive advantage



Modern and Scalable

## Problem:

Ensuring enterprise application datasources and processes are fully compliant of CCPA and HIPAA regulations in United States.

## Outcomes:

- Easy identification of PHI and PCI sensitive information within the enterprise.
- Keeping track of data movement between the authorized data sources and alerting on any security breach.
- Enabled data readability for the data security team for CCPA and HIPAA regulation compliance.

## Challenge:

Our target division at automaker is a well-known automobile manufacturing agency that is committed to producing high-quality vehicle and distributing them all over the world. They have been in market for years and got a diverse range of vehicles.

Due to the CCPA and HIPAA compliance requirements, the first step is to identify required sensitive data present in the enterprise for the division located in United States.

The division has 100s of different data sources such as Oracle, SQL Server, File System, Hive etc. They also use Informatica PowerCenter, Informatica Platform, and Informatica Intelligent Cloud Service for moving data between systems. The databases consisted of 100-5000 tables in volume perspective and had a data volume of 20GB-2TB. So, the challenge is to identify the sensitivity across data as well metadata of all applications.

The goal is to have a data governance policies to keep track of their sensitive information within the enterprise and keep track of the movement of sensitive information across data sources to be able to detect, protect and audit.

## Featured services

### Data Preparation

Create radical productivity by curating information for people who know the data best, while ensuring security and compliance. and prepare any data, wherever it's found.

### Business Intelligence

Harness the power of your data by leveraging technology to drive strategies to extract actionable intelligence and get an edge over your competitors.

### Data System Architecture

Make your business strategy truly agile by getting a flawless data system architecture that adapts to the rapid changes in the data medium and technologies.

### New Application Development

Bring your ideas to life – From Conceptualization, design, development, marketing- we've got you covered every step of the way.

### Data Integration

Connect your heterogeneous data systems to get a unified view using the best integration tools giving performance and cost-effective advantage.

### Data Analytics-Operational

Streamline operational efficiency by combining data analysis and business intelligence on real-time data and daily logs.

### User Interface Design

Create a superlative user experience for your users using the best user experience strategy and craft interfaces that are a joy to use.

### User Self-Service

Avoid lengthy data modeling projects and obtain self-service analytics in the cloud or on-premises in minutes and not days or months.

## Solution

Kanerika's experts have created a data governance model that can identify the PHI & PCI sensitive information in the enterprise. The tool used for data governance is Informatica Enterprise Data Catalog and Informatica Axon. Informatica Enterprise Data Catalog does the task of identifying the sensitive information and movement of these sensitive information. Informatica Axon facilitates a collaborative environment to collect different data objects (metadata), link them and control access to it.

Due to heterogeneous datasources types, solution included different mechanisms to connect to various sources to identify the sensitive information.

Kanerika has designed the data system architecture to identify and keep track of the sensitive data within the data sources. Also team created new patterns to identify sensitive information that are custom to their organization.

Finally, the data governance architecture was implemented to assure the sensitive data security and ability of detail analysis for the enterprise data analytics needs.

## Results

### Identifying Sensitive Information

Security team can easily identify any data security breach through the new data architecture. And this allowed them to take action momentarily.

### Detail Profiling

The executive gets detailed information on their products and delivery processes. It also shows what kind of data is present in the systems.

### Lineage

Security team can easily identify where the sensitive data is flowing and take corrective measure on them.

## Why Kanerika?

Kanerika has the ability to understand the need and plan the models accordingly. We create a model that can replace the unnecessary procedures in between while not disturbing the company's processes. In this case, our team's knowledge of drivers and connections did help in designing a reliable data system architecture for our client. Kanerika's visible commitment to deliver on time and within budget earned the client's trust now into the future.

