Success Story

Bringing people and knowledge together for a healthier world

IQVIA: More predictability to enable better outcomes

IQVIA (NYSE: IQV) is the world's largest provider of biopharmaceutical clinical development and commercial services with a network of more than 28,000 employees conducting business in approximately 100 countries. The company has helped develop or commercialize all of the top-50 best-selling drugs on the market. IQVIA applies the breadth and depth of its service offerings along with extensive therapeutic, scientific and analytics expertise to help customers navigate an increasingly complex healthcare environment as they seek to improve efficiency and effectiveness in the delivery of better healthcare outcomes. Among other things, IQVIA plans and monitors clinical trials, recruits patients for trials and submits materials to regulatory agencies. Put simply: without the capabilities offered by IQVIA, drug and healthcare breakthroughs would not occur.

Developing a new drug requires significant resources and years of research. The faster a pharmaceutical company gets a product to market the faster it can begin to earn a return on its investment. Technologies that can speed up a drug's trial period and more quickly analyze its odds of success can have a huge impact on the bottom line. IQVIA supports quality and efficiency, by speeding promising trials toward patent approval.

Unlocking Information Potential

IQVIA faces many situations in which data is fragmented and delayed. Data is often located in multiple systems, and requires extensive manual manipulation before becoming useful. Incompatible legacy systems impede data integration and normalization, and prohibit a holistic view across all sources. The lack of automated business event monitoring and alerting does not allow corrective actions to be initiated in a timely manner.

To meet these challenges, IQVIA launched Infosario, an end-to-end suite of foundational technologies that power the pharmaceutical product development process. Making innovative use of advances in big data technologies, Infosario is able to break down silos combining massive quantities of scientific and operational data collected.

Overview

IQVIA, the world's largest provider of biopharmaceutical development and commercial outsourcing services, has helped develop or commercialize all of the top-50, best-selling drugs on the market. With the Infosario platform, which fully leverages Informatica product enablers, IQVIA can focus on the right combination of sites, subjects and investigators for clinical trials.

Business Need

- Optimize design, execution, quality and management of clinical trials. Dramatically shorten time to completion for each trial, including quickly identifying when a trial should be terminated.
- Continuously comply with regulatory scrutiny from Federal Drug Administration
- Provide pharmaceutical companies with proactive monitoring and notification of notable trial events.

Challenges

- Data was fragmented across multiple systems, and required extensive manual manipulation before becoming useful.
- Incompatible legacy systems impeded data integration and normalization, and prohibited holistic view across all sources.
- Lack of automated business event monitoring and alerting did not allow corrective actions to be initiated in a timely manner.
Informatica Master Data Management (MDM) – provides Infosario with the vital core. A hub with true multi-domain capabilities, this enables enterprise information assets to be actively managed, with an integrated view of the hierarchies and relationships. MDM is a core component in the critical Infosario Data Factory ecosystem.

Informatica PowerCenter – serves as a high performance, scalable data integration foundation that supports enterprise data warehouses and critical operational data stores.

Informatica Data Services – gives IQVIA the ability to combine data from multiple heterogeneous data sources into a single virtualized view. Infosario Data Exchange architecture utilizes data services to accelerate delivery of all the information needed by B2B data exchange feeds.

Informatica RulePoint – handles the critical task of monitoring enterprise data quality events and delivering alerts to key stakeholders to take necessary action.

Informatica's commitment to IQVIA and expertise in data integration was a compelling factor in the selection process for master data management, data integration and data virtualization technology. IQVIA considers Informatica the leading enterprise data integration provider with an integrated platform that addresses key requirements of the Infosario vision. Informatica's solution support for data governance and data stewardship, coupled with the ability to create specialized business alerts tailored to data quality in pharmaceutical and life sciences domains, were key differentiators.