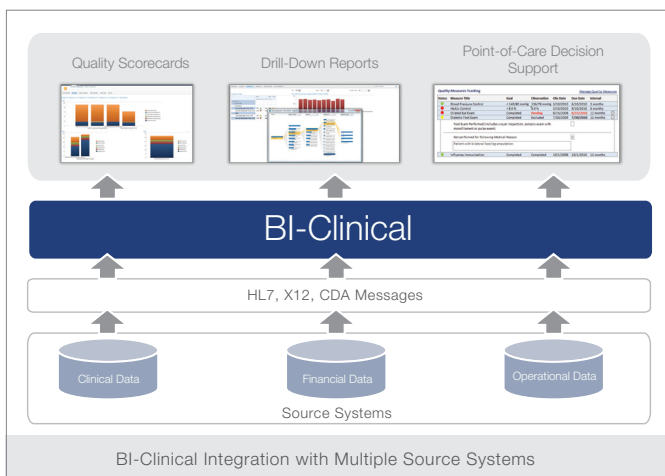


Case Study: BI-Clinical for Large Diagnostics Service Provider

Client Requirements

Client is one of the world's leading providers of diagnostics services, and serves nearly 200,000 customers, including hospitals, physician practices, ACOs, Patient Centered Medical Homes, etc. The client owns one of the world's largest repositories of patient related clinical data.

The client wanted to provide its customers with suite of features to address emerging industry needs including ACOs, population health management and claims analytics. The client needed a comprehensive BI/Analytics platform for integrated clinical, financial, operational & regulatory reporting needs (E.g. ACO, HEDIS, PQRS, MU, Utilization etc.)



CitiusTech Solution

BI-Clinical Platform for Healthcare BI/Analytics

The client leveraged CitiusTech's BI-Clinical platform to address its integrated analytics, and population health management initiatives. Key features included:

- 50+ pre-packaged KPIs across clinical, financial, operational and regulatory reporting requirements
- Pre-built adapters - HL7, X12 and CDA - to integrate clinical data process and present to end-users
- Pre-configured measure groups for key industry initiatives - ACO, PQRS, HEDIS, Meaningful Use-EP
- Configurable Rules Engine to address business

critical needs especially in population health analytics, re-admission and utilization management

- Scorecards to monitor provider performance and analytics views for monitoring population distribution

Implementation

The BI-Clinical implementation team conducted a detailed analysis of the client's existing IT environment, including clinical, financial and operational data sources and integration requirement. The BI-Clinical deployment included the following services from CitiusTech:

- Cloud based deployment to support easy availability to key customers
- Gaps-in-care module for monitoring population health & individual patient care gaps
- Custom configuration of quality measures to meet client requirements
- Data integration using HL7 and X12 feeds to support all implemented measures
- Data quality improvement and data reconciliation, including configuration of meta data for reconciliation
- Quality assurance to manage data quality and improve quality of source feeds

One of key success factors for the BI-Clinical implementation was the client's ability to uniquely identify each patient in its network. As part of the BI-Clinical implementation, CitiusTech team worked with the client to develop a unique patient identification process to enhance patient matching and improve quality of analysis.

Value Delivered

By partnering with CitiusTech, the client was able to:

- Deliver quantifiable measures and actionable intelligence for gaps-in-care reporting, ACO quality performance and population health management
- Integrate the overall BI and capabilities within the client portal to provide a unified experience to end-users
- Work with CitiusTech consulting team to develop unique visualizations and reporting capabilities unique to the client's business needs
- Deploy cloud based solution covering over 200,000 patients
- Deploy the solution within 3 months, leveraging 50+ pre-built KPIs and rapid measure configuration

All product and company names mentioned herein are trademarks of their respective owners

About BI-Clinical

BI-Clinical, CitiusTech's healthcare BI and analytics platform, demystifies clinical quality reporting by offering an extensive suite of pre-built apps and 600+ KPIs around clinical, financial, operational and regulatory areas – the largest in the industry. BI-Clinical enables healthcare technology companies, providers, payers and life sciences organizations to generate actionable BI and build integrated clinical and financial analytics. BI-Clinical is certified for all Meaningful Use and HEDIS 2015 measures and covers a wide range of quality measures including PQRS, ACO, HCC, CMS Star, VBP, PCMH, etc.

Seattle | Dallas | Princeton | London | Mumbai | Airoli | Singapore