

Case Study: MU Reporting for Leading Integrated Delivery Network

Client Requirements

Client is a leading medical center with a network of hospitals and clinics, focusing on delivery of both inpatient as well as outpatient care. Client has developed a proprietary EMR and a clinical solution.

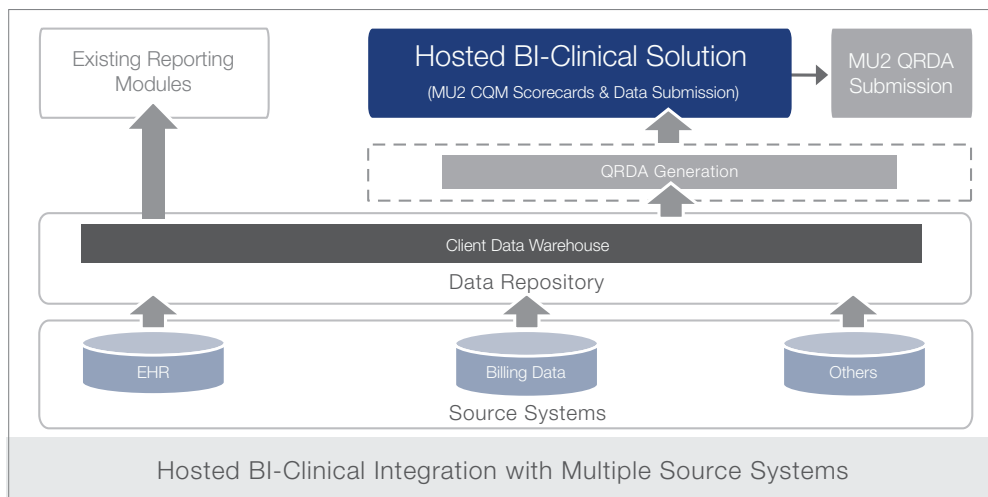
Client needed a solution to support and comply with Meaningful Use Stage 2 requirements, provide ongoing monitoring and analytics on Meaningful Use Stage 2 metrics with the ability to scale up to support additional regulatory CQMs, e.g. PQRS, PCMH, etc., and perform ad-hoc analytics.

CitiusTech BI-Clinical solution was selected to implement a scalable hosted BI and reporting solution that integrates with multiple source systems in the client's environment and delivers key use cases for Meaningful Use reporting.

Implementation

The BI-Clinical implementation team conducted a detailed analysis of the client's existing IT environment and integration requirement. The BI-Clinical implementation included the following services from CitiusTech:

- Cloud-based deployment to enable easy availability to key customers
- Configurable Rules Engine to address Meaningful Use Stage 2 requirements
- BI-Clinical data views on top of client's data warehouse
- Deployment of BI-Clinical QRDA generation utility
- BI-Clinical Data Submission utility to generate MU2 compliant QRDA for data submission
- Tableau-based Meaningful Use Stage 2 CQM scorecards and advanced analytics to monitor provider performance



CitiusTech Solution

Key BI-Clinical Use Cases Implemented

- Meaningful Use Stage 2 reporting for both Eligible Providers and Eligible Hospitals
- Tableau-based physician scorecards and quality dashboards
- Data submission for QRDA to CMS & GPRO XML Generator
- Data quality monitoring, management and audit logging

Value Delivered

- By partnering with CitiusTech, the client was able to:
- Successfully implement a hosted solution for Meaningful Use compliance for Eligible Hospitals and Eligible Providers
 - Save over 60-70% solution development costs
 - Track 40+ quality measures covering 9 million visits per year across 1 million lives
 - Setup to scale easily for additional clinical quality initiatives like MU3, PQRS, PCMH, etc.

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About BI-Clinical

BI-Clinical, CitiusTech's healthcare BI and analytics platform, demystifies clinical quality reporting by offering a range of configurable apps that cover 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 2016 measures and covers a wide range of quality measures including MIPS, PQRS, ACO, CMS Star, VBP etc.

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