Streamlining quality measure submission using BI-Clinical

A leading provider of outsourced staffing solutions for hospitals and clinics partnered with CitiusTech to support QCDR reporting and data submissions activities across specialties, using BI-Clinical, CitiusTech's BI and Analytics platform

Business Impact

A leading provider of outsourced staffing solutions to hospitals needed to enable its physician partners and care providers to effectively report their performance to CMS under the QPP Program. By leveraging CitiusTech's BI-Clinical platform, they were able to scale up their reporting capabilities and achieve massive cost savings.

70+ Clinical Quality Measures reported to CMS	**700+** TINs submitted at group level	**15,000+** Provider data submitted at individual level	**$50Mn+** Savings through timely CMS submissions

Client Requirement

Client is a leading provider of outsourced staffing solutions and contracts with hospitals / clinics to provide physician and provider services.

The client required a unified platform to automate QCDR activities across various specialties including Emergency Medicine, Anesthesia, Radiology, Pain Management, Hospital Medicine, Surgical Services, Women & Children.

The solution needed to enable the affiliated physician group and care providers to submit measures to CMS under the QPP program.

The CitiusTech Advantage

Using BI-Clinical, CitiusTech helped the client build an integrated quality reporting platform on the Cloud, with the ability to configure custom measure definitions. The solution supported monthly as well as ad-hoc processing of data feeds, to meet physician reporting and analytics needs at the speed of business.

CitiusTech also developed and deployed front-end applications to support CMS submission activities such as generating preview scores and submitting data to the CMS using QPP APIs.

Technology Overview

CitiusTech team of clinical informaticians, business analysts and enterprise application experts conducted a detailed assessment of the client's requirements and existing data environment. The team designed and developed a solution that enabled the client to achieve the following:

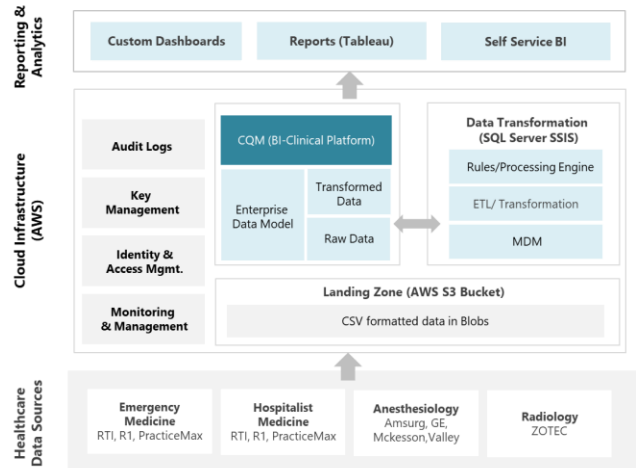## Simplified Data Aggregation & Reconciliation

- Enabled data integration and centralization to quality reporting platform
- Integrated program management web applications, with automated data reconciliation

Measure Definition and Customization

- Leveraged BI-Clinical's existing rules library (700+ pre-built KPIs / rules across clinical, financial, operational and regulatory domains)
- Implemented pre-built analytics for quality reporting on standard measures (including QCDR)
- Leveraged BI-Clinical's Rules Management Module to built customized rules for special reporting requirements

Dynamic Monitoring and Submission of Measures

- Developed front-end applications to provide preview of scores prior to submission
- Enabled CMS submission using QPP APIs
- Used Tableau to develop a highly customized and comprehensive Quality Dashboard, to provide feedback on performance of TINs and NPIs on quality measures

Solution Schematic

About CitiusTech

CitiusTech (www.citiustech.com) is a leading provider of healthcare technology services, solutions and platforms to over 130 organizations across the payer, provider, medical technology and life sciences markets. With over 5,000 technology professionals worldwide, CitiusTech powers healthcare digital transformation through next-generation technologies, solutions and accelerators. Key focus areas include healthcare interoperability & data management, quality & performance analytics, value-based care, omni-channel member experience, connected health, virtual care coordination & delivery, personalized medicine and population health management. CitiusTech has two subsidiaries, FluidEdge Consulting (www.fluidedgeconsulting.com) and SDLC Partners (www.sdlcpartners.com), with deep expertise in healthcare consulting and payer technologies, respectively. CitiusTech's cutting-edge technology expertise, deep healthcare domain expertise and a strong focus on digital transformation enables healthcare organizations to reinvent themselves to deliver better outcomes, accelerate growth, drive efficiencies, and ultimately make a meaningful impact to patients..

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