WHITE PAPER

Measuring Health System Performance

Population Health Analytics for Accountable Care

Powerful health system analytics solutions helps healthcare providers, networks and Accountable Care Organizations achieve higher levels of performance and profitability.

PART 2

In the first part of this two-part paper, we looked at the importance of having the genuine transparency that comes from a fully integrated global health analytics solution like PopIQ. In Part 2, we will examine how PopIQ fits within the full ecosystem of products that enable care teams to provide proactive care...

i2i Population Health Solutions for Population Health Management and Analytics

Healthcare providers face increasing demands to drive better quality care at a lower cost—and at the same time, increase their patient load in order to combat declining reimbursement.

In order to survive and thrive in this challenging environment, healthcare providers need clinical and operational data delivered in a way that provides actionable intelligence. i2i Population Health was founded in 2000 to provide Population Health Management and Analytics solutions that work at both the day-to-day care team level and at the strategic network level, providing access to real time information in order to make data-driven decisions.

By unleashing the data that is locked in electronic medical records, practice management, laboratory information systems and other disparate systems, these solutions empower care teams to provide proactive care and enable organizations to implement best practice across the network to ensure every patient receives the highest quality care..

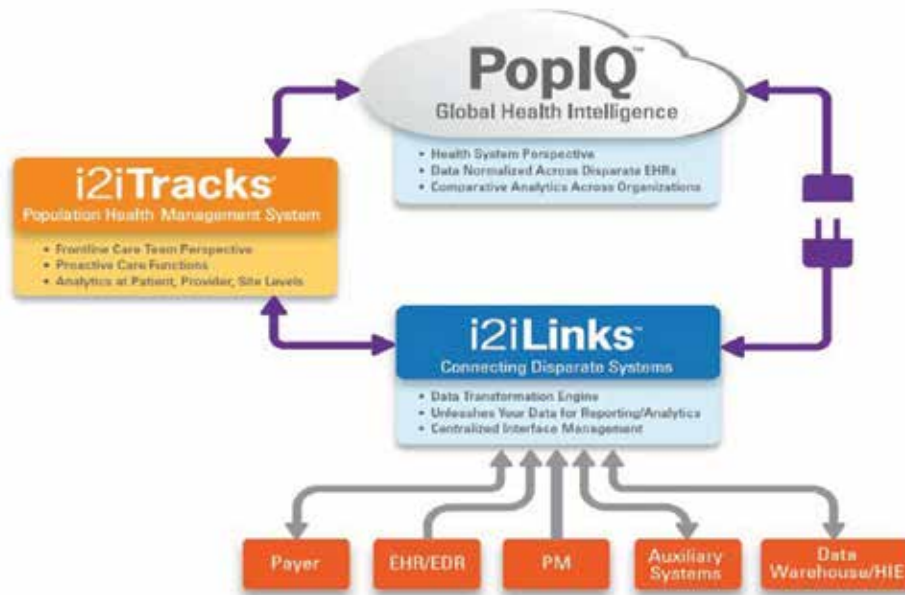## Strategic Healthcare Analytics in the Cloud

PopIQ is an integral part of i2i Population Health Solutions for Population Health Management and Analytics. It allows healthcare networks to make strategic global decisions about their patient populations. When combined with i2iTracks, a tactical Population Health Management tool for the care team and i2iLinks, a powerful data transformation engine, the facilities within the network have immediate access to a wide range of patient data from multiple disparate systems at the clinic level as well.

Front-Line Care Management

i2iTracks is used daily by nurses, doctors and care managers in healthcare centers, clinics, physician practices and hospitals with ambulatory centers. Where PopIQ answers global health system questions, i2iTracks answers local care management questions through proactive care tools and flexible reporting. For example a "Tracks Today" screen, customizable for each member of the care team, answers the question "which of my patients require outreach?" Within seconds, a list of patients may be generated that require care interventions such as diabetes management, childhood immunizations or cancer screenings and a Health Registry report will summarize disparities in care to help focus your efforts. i2iTracks 7.4 has been tested and certified to calculate more than 40 clinical quality 2

measures, so measuring and trending the success of your efforts by site and provider is just a few clicks away with a Population Health Analytics report. The 2014 criteria support Stage 2 Meaningful Use measures required to qualify eligible providers to receive incentive payment under the HITEC Act.

PopIQ – An Integral Part of a Proactive Care Ecosystem

Achieving Sustainable Excellence

Many forces today are transforming the healthcare industry. But with PopIQ, leaders will attain not only faster access to integrated data but also insights into creating healthier populations, managing costs and generating sustainable revenue. PopIQ arms leaders with a population health intelligence tool to leverage data to meet state and federal requirements; to demonstrate that they are meeting benchmarks; to compare centers and spread best practices across their network; and to ensure that all patients are receiving the best care possible.

As providers move from a reactive model of care that is not working to a proactive model, PopIQ's integrated analytics will empower them with accurate insights, helping them to move quickly from data to information to actionable insight, ensuring that their success propagates a culture of constant improvement and lasting excellence.

Though an extremely powerful analytic engine, PopIQ incorporates a "light" approach to data management, leveraging the latest cloud technologies. It extracts only vital data elements from health information technology systems to optimize data analysis efficiency and provid provides friendly analytic drill-down functionality. The result is a fast, streamlined, intuitive user experience.

PopIQ In Action

Quality Improvement staff at LifeLong Medical Care use PopIQ to help the organization in multiple areas. Lifelong runs different electronic health record systems at their two locations and uses i2iTracks at both for local proactive care management. Adding PopIQ has enabled them to globally validate the data that they have mapped from each of the EHRs, ensuring the quality of their data across both.

Additionally, PopIQ has enabled Lifelong to clearly see how each center is performing against key benchmarks. This has helped them prioritize the strategic quality initiatives the organization needs to move forward. As a result, they have been able to better engage staff at all levels to ensure everyone was working toward the same goals.

Using PopIQ has also increased the efficiency and effectiveness of the QI staff without adding new employees. PopIQ makes it easy to do complex analyses of data and quickly identify trends over a multi-year period. The depth of the analysis enables Lifelong to ask more informed questions and get to the root of problems more quickly.

"We are able to do analytics faster and with a much broader scope than ever before," said Crystal Eubanks, Quality Director at Lifelong Medical Care. "By increasing our analytics capacity, we have actually increased the effectiveness of our QI staff. We now have the ability to quickly and easily visualize data to help the care team make sense of it. We've also been able to automate the reports so they are accessible to anyone within three clicks."

"Our success as an organization moving forward hinges on our ability to meet the expanding requirements from payers and the government. PopIQ enables us to do this because of the depth of data that is so easily accessible," said Eubanks.

The data journey for Community Clinics Health Network in San Diego has taken time, but has now spread to collaboration across the entire state of California.

Since implementing PopIQ, CCHN has been able to overcome a variety of challenges—including integrating data from 16 centers in two counties with disparate IT systems. Even though CCHN has more than 500,000 active patients across its two counties, they are able to easily see patient data from each center. Using i2iTracks for panel management, they are able to drill down to the care team level so the network can better support their providers.

"PopIQ enables us to tell the story of what's going on across the network," said Christy Rosenberg, executive director of CCHN. "We are able to see how our centers compare to each other and to benchmarks for a number of quality initiatives, including government mandates and Pay-for-Performance incentives.

On a statewide level, CCHN participates in the California Comparative Analytics Project (CCAP). Each participating member using PopIQ is able to aggregate, compare and share de-identified data with other networks across the state in order to advance statewide population health initiatives and payment reform.

"PopIQ enables us to take healthcare analytics to the next level," said Rosenberg. "We're now able to confidently talk about what is going on with 3 million patients across California."

And as the entire healthcare system transitions to cost-efficient, value-based care, Rosenberg noted how operational and financial data are becoming just as important as clinical data. PopIQ offers reporting on a select set of these measures as well.

Across the country, Maine Primary Care Association has recently implemented PopIQ, and is already seeing results across their participating centers.

"The key things I see when looking at the information we get from i2iTracks and PopIQ are accessibility, validity and transparency—even though we have five different EHRs," said Chris Muffett, director of IT projects at Maine PCA.

"We started out thinking we should build a centralized data warehouse, but it turned out that the further you move data away from the health centers, the less it meant to them," Muffett continued. "So our approach has been to start at the health center level and empower them. In this way, we are bridging the Health IT and QI process."

In this way, Maine PCA has been able to transform raw data from various EHR systems into useful information.

"We need more than just raw data; we need analytics to transform that data into meaningful insights to help you stay nimble and respond to the demands of a shifting landscape," said Muffett. "Participating centers are able to see each others' data and discuss how to implement 'better' practices across the state."

About i2i Population Health

i2i Population Health is a leader, pioneer and 14-year success story in providing Population Health Management and Analytics solutions. Over the past 14 years, our mission statement, "Creating Healthier Populations," has consistently guided our product and service development and we have never wavered from that commitment.

Each of us at i2i Population Health is dedicated to helping healthcare organizations make the best use of data through smart technology that supports easier and greater access to data and improves the efficiency of the care team. The result is higher quality care for patients and increased revenue for organizations.

Serving more than 1,000 health care facilities across 35 states, i2i Population Health' clients include community health centers, health center-controlled networks, physician group practices, hospitals, medical colleges and public health departments. Join us on the path toward creating a more seamless and integrated health care system and let's work together to create a healthier future. For more information, visit www.i2ipophealth.com.

Contact i2i Population Health

Contact i2i Population Health for more information on population health management or for a demonstration of i2iTracks:

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