Corporate Overview

BACKGROUND

• Headquartered in Philadelphia, Independence Health Group serves nearly 9 million people in 32 states and the District of Columbia, including 2.5 million in southeastern Pennsylvania. With revenue close to $14B, Independence Health Group is a diversified company offering a wide range of services including:

  • Commercial
  • Medicare
  • Medicaid medical coverage
  • Third-party benefits administration
  • Pharmacy benefits management

• As an independent licensee of the Blue Cross and Blue Shield Association, Independence serves employer groups ranging from small businesses to national corporations with a growing consumer business
Corporate Mission, Vision & Values

OUR MISSION
• “Enhancing the health and wellness of the people and communities we serve”

OUR VISION
• “…admired for our people, growth, and innovative leadership…”

OUR VALUE PROPOSITION
• “Exceeding customers’ expectations…through innovative health and wellness solutions”
A little Context on exchanging health data

- HIPAA and EDI transactions
- HealthShare Exchange
- SI Framework
- PA eHealth Initiative
- Philadelphia Clinical Innovation Forum
  - Blue Button and FHIR
- FHIR Connectathon(s)
Why is EHR interoperability using FHIR important to Independence?

Fast Healthcare Interoperability Resources

- Solves for multiple proprietary EHR related data access needs to electronic health record systems including payer based data.
- Is positioned as the "defacto" industry access method for simple requests to the member related health data in real-time (there is no other solution available in the market today)
- Allows for extensions by FHIR implementers to allow additional differentiation and new data elements without significant effort and re-work.
- Adopting to FHIR now, will set the stage for the exchange of IBC and Provider EHR data in a standard open format that will "future proof" our integration access points, reduce long term costs, and leverage existing resources/skills.
IBC FHIR Server – Proof of Concept with NaviNet (IBC Provider Portal)

Proof of Concept Architecture

Scope: deliver proof of concept for an HL7 FHIR conformant server for bidirectional data exchange

- delivering clinical care record (CCR) data via FHIR resources to our Provider Partner - Navinet
- Receive updated patient/member EMR data as FHIR resources via authorized NaviNet users to populate the IBC FHIR server
FHIR Production Health and Wellness Effort

- Evaluated 93 FHIR DSTU21 Schemas compared to 58 existing database tables and related existing clinical structures
  - 1-1 mappings, 1 to Many mappings (both directions)
  - Identify Gaps (FHIR) for potential extension (e.g. Health Rewards)
- Iteratively build out new Clinical Data Repository starting with Patient, CareReport, Claim, Communication, Naming System, Allergy, Enrollment, Procedure, and Questionnaire

- **Design Approach Clinical Repository**
  - Mon 1/11/16 - Mon 2/8/16

- **Data Model**
  - Mon 2/15/16 - Fri

- **Complete Initial High Level Mapping Tables for CDR**
  - Mon 1/18/16 - Fri 1/22/16

- **Data Model Connected FHIR**
  - Iteration 1
  - Mon 2/8/16 - Fri 2/19/16

- **Data Model Iteration 1**
  - Complete
  - Fri 2/12/16

- **Complete CDR to FHIR**
  - Iteration 2
  - Fri 2/26/16

- **Complete CDR to FHIR**
  - Iteration 3
  - Fri 3/11/16

- **Complete CDR to FHIR**
  - Iteration 4
  - Fri 3/11/16 - Thu 3/17/16

- **Refine and finish initial data load CDR**
  - Iteration 5
  - Fri 3/25/16 - Mon 4/4/16

- **Non-functional testing**
  - Iteration 5
  - Fri 3/25/16 - Mon 4/4/16

- **Document results and guidelines**
  - Fri 4/15/16 - Mon 4/18/16
FHIR & Blue Button

Utilize FHIR to provide Clinical Care Reports To IBC Membership

Access to existing Clinical Care Records
Questions?