

Partners

Community residents and partners have been engaged and indicated they are supportive of an “all-in” community approach to health and health care - enabled through open data and connected technologies. This was accomplished through many engagement sessions and conversations over the past 2 years.

In June of 2018, this willingness to support an all-in community effort will be formalized in two ways. Residents and organizations will have the opportunity to freely join the Airdrie & Area Health Coop as member owners. At the same time, partnership agreements will be developed, between the Coop and partnering organizations, including a commitment to open data and connecting technologies. The Coop is currently completing a Privacy Impact Assessment on behalf of members and partners inclusive of the Health Information Act, the Personal Information Protection Act, and the Freedom of Information and Protection of Privacy Act.

Open data and connected technology contributors, users and partner include:

- Community Residents
- Municipalities (City of Airdrie & Areas - 5)
- Health & Health Care Providers
- Community Not-For-Profits
- Faith Based Communities
- Local Businesses & Employers
- Grocers and Restaurants.
- School Systems.
- Provincial Government

These members and partners have data to contribute and require content to positively influence the determinants of health.

Our partnered open data and connect technology landscape will consist of three main components: Infrastructure, Open Platform, and Applications.

INFRASTRUCTURE

- The underlying framework and structure. Examples include Fiber, Hardware, User Authentication / Access, Telehealth & Telemedicine, Wearables, Smart Devices /IOT, Hosting Services.

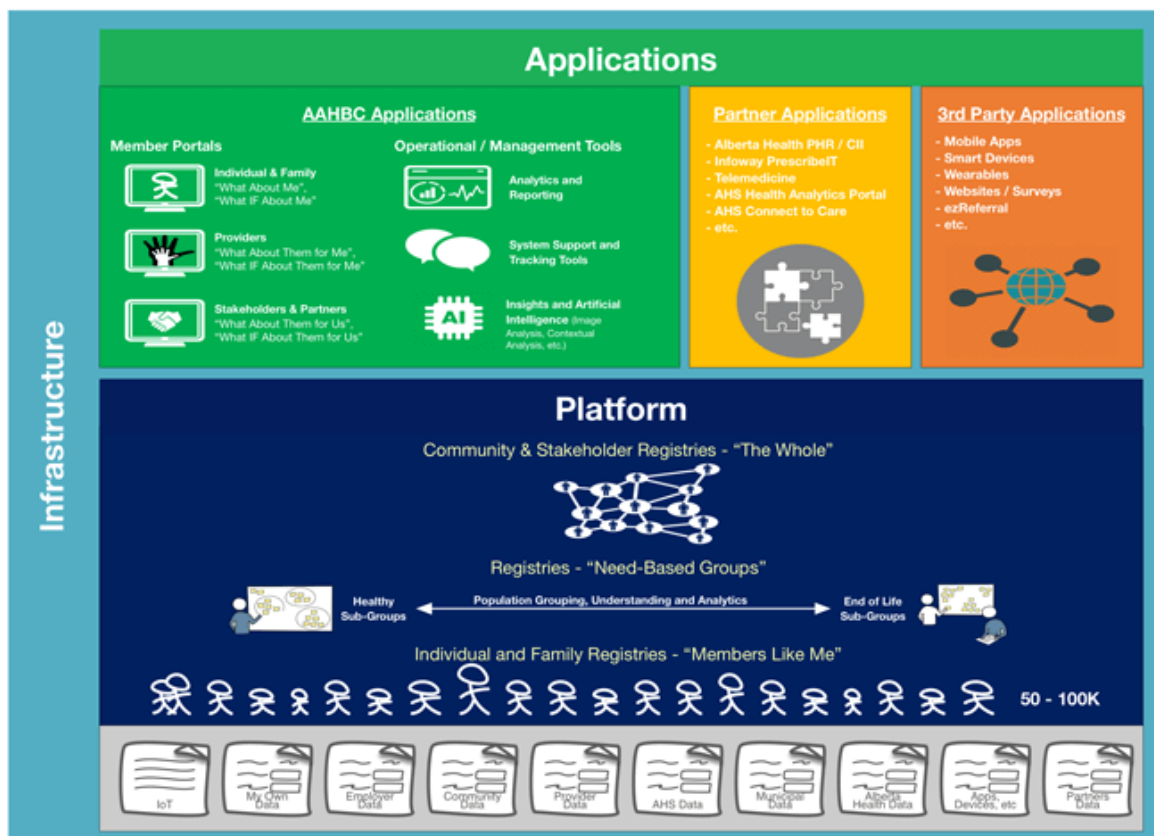


OPEN PLATFORM

- Common rules, standards, hardware and software that facilitate transactions between data contributors and content users. Components include Data Repository, APIs, ETL, Data Mapping & Integration, AI, Machine Learning, Algorithmic Processing, System Dynamic Modeling.

APPLICATIONS

- User facing tools that empower the end user. Examples include Existing Contributor and User Applications, Telemedicine / Virtual Health, Dashboards, Analytics, Gamification, Wellness Surveys, Custom Tools.



Applications & Infrastructure - Members and partners come with their existing applications and infrastructure – we will build off those! Additional applications and infrastructure will be required to meet needs. A process has been initiated to inventory, source, test, evaluate, rationalize,



confirm and select application and infrastructure solutions based on defined needs. That process will be collectively advanced through the Coop.

Open Platform - We require a platform that allows members and partners to contribute data and co-create content that is used to collectively build solutions that lead to innovations that address real issues that impact health. An open platform will need to be built. We will secure needed expertise to support us in doing that – underway now. We will ensure that existing and new application and infrastructure solutions are connected and are connected to the platform.

We will be using open-source tools and technology which can be replicated and used across other communities. This will be a platform not just for Airdrie, but for all of Canada. We will connect with other smart cities across the world, leveraging on existing learnings and technologies.

