Virginia's Opioid Data Sharing Platform

Presented by Adam Roy, Qlarion CTO

Who We Are

- Government analytics firm headquartered in Reston, VA

- Provide innovative data and analytics solutions for federal, state, and local governments

- Working on many analytics projects in partnership with the Commonwealth of Virginia

- Recognized as an innovative company and a great place to work for five years in a row.
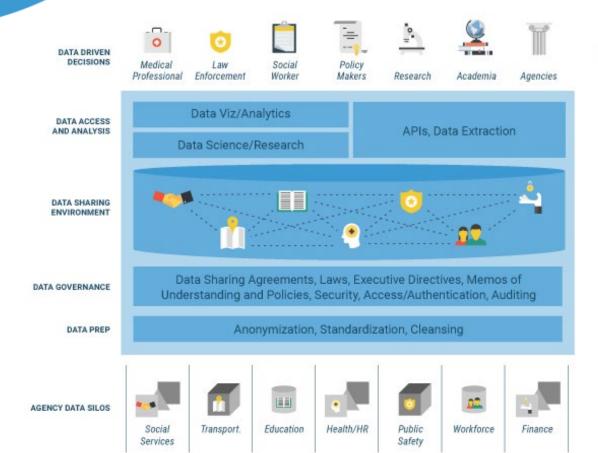
Phase 1 Objectives

- Develop a **governance model** between the involved agencies for defining and sharing data related to the opioid crisis.

- Develop, configure, and implement an easy to use **data sharing system**.

- Develop a **self-service analytical platform** for use by the Northern Shenandoah Valley Substance Abuse Coalition.

- Perform **advanced data analysis** including predictive analytics that involve the creation of risk profiles.

- Prove the the solution's value to support scaling it for use across Virginia.

CONCEPTUAL ARCHITECTURE

Qlarion

DATA DRIVEN DECISIONS

Medical Professional · Law Enforcement · Social Worker · Policy Makers · Research · Academia · Agencies

DATA ACCESS AND ANALYSIS

Data Viz/Analytics

Data Science/Research

APIs, Data Extraction

INFORMATION

DATA SHARING ENVIRONMENT

DATA GOVERNANCE

Data Sharing Agreements, Laws, Executive Directives, Memos of Understanding and Policies, Security, Access/Authentication, Auditing

DATA PREP

Anonymization, Standardization, Cleansing

DATA

AGENCY DATA SILOS

Social Services · Transport. · Education · Health/HR · Public Safety · Workforce · Finance

SELF-SERVICE ANALYTICS

What Comes Next?

More Organizations:

- Who wants to be next…?

- Baltimore/Washington HIDTA wants access

- George Mason wants to use the system to pursue several research grants

More Data: Rx Monitoring Program, Narcan Administration, ER Admissions, NAS Data, Social Services, Corrections, Education, Transportation, Workforce, etc.

More Impact: Onboard the remaining regions to save lives, reduce harm, and move from reactive to preventative

THANK YOU