LIFEOMIC

CASE STUDY

TriAxia Health's Mission is to Improve Outcomes for Patients with Rare Diseases

TriAxia enables the selection and discovery of the most effective treatments for each patient.

About TriAxia Health

Triaxia Health leverages an evidence-as-a-service platform based on collaboration across leading provider networks, the integration of longitudinal patient clinical, molecular and Rx/Claims data, and the application of AI and Machine Learning to their combined clinical-molecular-admin data set.

The Opportunity

The majority of health systems across the country do not have a large enough patient population with rare diseases to truly understand and treat them, as well as lack the molecular data that is critical to understand the vast majority of rare diseases. TriAxia has built a consortium of five health systems that collectively see 60 million patients. Utilizing this combined patient population, they aggregate all of the clinical data and then enrich it with molecular data in LifeOmic's Platform.

Improved Individual Patient Care with the LifeOmic Platform

The LifeOmic Platform combines support for very rich clinical data that maintains its source ontology with the overlaying of this clinical data with molecular data at a patient level. With all of this data at their disposal, TriAxia can easily view and analyze both individual and whole populations of patients.

The platform allows TriAxia to find new breakthroughs in the pathophysiology of a rare disease which enables the discovery of new treatments. This furthers TriAxia's goal of improving individual patient care through a more informed selection amongst existing treatments and protocols.

> "The flexibility of the architecture and the fit with the components, and the fact that so much of what we would have had to build has already been built, it was a no brainer. This is the platform for us."

Simon Kennedy, CEO/Founder, TriAxia Health

Why TriAxia Health Partnered with LifeOmic

Collaboration

Since TriAxia is a small organization, the collaboration and support of LifeOmic's team of developers and scientists with a shared vision is incredibly valuable. It would have taken many more months or years to build out their platform without this support and expertise.

Architecture and Security

The shared Amazon Web Services (AWS) architecture and LifeOmic's security infrastructure were also key reasons why TriAxia decided to partner with LifeOmic's Platform. The platform is HIPAA compliant, HITRUST CSF Certified and GDPR certified.

Streamlined Workflow with the LifeOmic Platform

The LifeOmic Platform is an open, flexible and secure health data platform. Aggregate disparate data types into a uniform standard and leverage tools to accelerate development of your software.

Data Security & Privacy Baked In

Aggregate disparate health data types in our zero-trust, cloud native and virtually air-gapped architecture and get straight to development.

Open-API, FHIR Data Standard

All data is stored using the FHIR data interoperability standard; data can flow between the LifeOmic Platform and your solution, securely.

Robust Tooling, Advanced Analytics

Leverage out of the box engagement and intervention tools; ML/AI models readily available; direct integrations with leading data science tools.

About LifeOmic

LifeOmic is a healthcare technology company that works with health care providers, researchers, and health-focused enterprises to aggregate and utilize health data to improve patient outcomes and provide valuable, actionable insights.

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