LIFEOMIC

CASE STUDY

EyeCheq's Mission is to End Preventable Blindness

Up to 90% of onset blindness could have been preventable with early screening. The majority of people ultimately going blind are not receiving frequent enough or early enough testing.

EyeCheq has built an eye screening tool that allows for quick, easy and convenient testing by meeting in need people where they are, in pharmacies and discount stores. This tool involves both a hardware piece, the physical EyeCheq screening device, as well as a software piece, built on top of LifeOmic's Platform.

About EyeCheq

EYECHEQ

EyeCheq's mission is to end preventable blindness by enabling convenient, early screening for at-risk populations. With a goal of screening 16 million people per year in the US over the next three years, EyeCheq leverages LifeOmic's secure platform to store data on symptom checker, names, DOB, retina images, images from other hardware devices, visual cues and eye photos in large volumes at scale.

Using the LifeOmic Platform

LifeOmic's Platform is the perfect fit for EyeCheq because it combines support for clinical data around eye health with the overlaying of the survey tool and symptom collection capabilities.

Given the rich data collected using the platform, EyeCheq can easily view and analyze both individual and patient population data at large. This allows for blindness indicator analysis, patient chart analysis, patient provider referrals, and treatment recommendations to reduce preventable blindness.
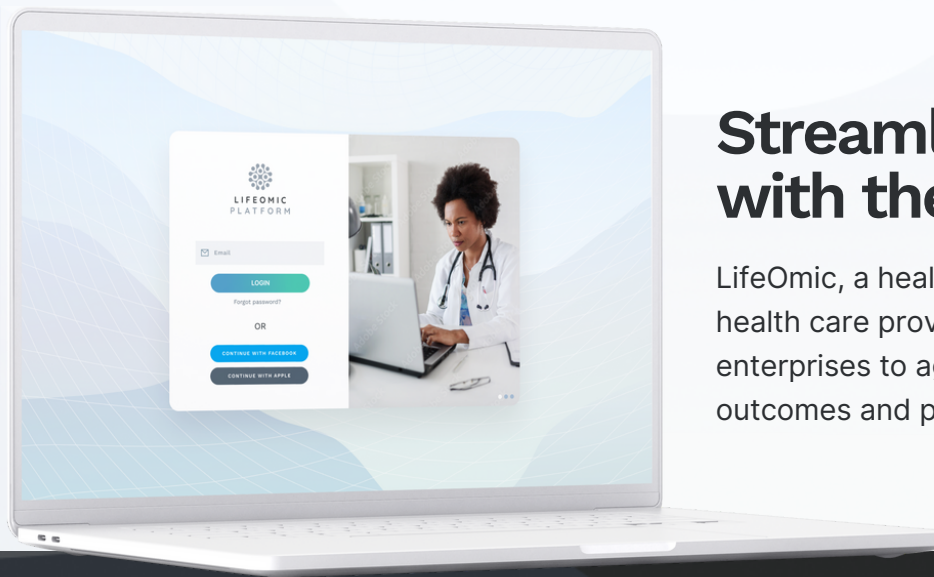
Collaboration

Since EyeCheq is a lean team with expertise and passion in eye health and hardware product development, the support and teamwork with LifeOmic on data storage and software have been essential to hitting goals, budgets and timelines for go-to-market.

Architecture and Security

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

Streamline your Workflow with the LifeOmic Platform

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

Customize a Health Data Solution

Our open, flexible and secure platform aggregates disparate data types into a uniform standard and leverages 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 securely flow between the platform and your solution.

Robust Tooling, Advanced Analytics

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

"Cloud storage is not our expertise but it's a critical part of our business.We trust LifeOmic for that and focus on what we're really good at...Hitting current timelines would be extremely hard if we had to build it ourselves, and more expensive."

Ali Khoshnevis, Co-Founder EyeCheq

CIOs & CTOs
Centralize Your Health Data

Make your health data accessible and actionable from a single, secure location by aggregating within the LifeOmic Platform.

DEVELOPERS & ENGINEERING
Reduce Time to Market or Transition to the Cloud

The LifeOmic Platform gives development teams a head start to move to market or transition to the cloud because the complexities of data security and cloud architecture are done.

RESEARCHERS & DATA SCIENTISTS
Actively Research Your Data

Uncover insights from your user population directly within the platform. Create complex cohorts to understand the impact of your solution across numerous data points.