

# CASE STUDY SOFTWARE DEVELOPMENT



## The Business Situation

The client needed to replace legacy software and conduct a data modernization overhaul to improve operations for their global teams. The lack of modernity resulted in:

## The Client

Software Development Organization

Monolithic, outdated systems with missing key functionalities for present and future business practices.

1

The outdated system was being used by multiple partners worldwide causing delayed work and inefficiencies for internal as well as external parties.

2

## Our Work

CirrusLabs' used agile techniques to improve operations for the organization through:

Implementing replacement software that used User Centric Design (UCD) and domain driven design (DDD) principles to meet the needs of the organization and external partners.

Time from initiation of a project to fielding new functionality was previously a minimum of 12 to 18 months. Using modern techniques combined with an automated security and testing compliance framework allowed new functionality to be fielded initially within 6 weeks, and changes to be made nearly daily as required.

Implemented containerized deployments across secured cloud instances, creating a pathway for applications to be used worldwide in various domains.

## The Outcome



## The Business Objective

The business objective was to use CirrusLabs' use of cloud-native development techniques to speed up time to fielding solutions and remediating defects and aids in accessibility, in contrast to prior models that required individual, on premise deployment.

Ensure the implementation of standard data interchange formats in concert with modern, network based data transfer methods allowed for near real-time interaction with global partners.

Built new systems that integrate with other key domain sources to strengthen operations and communications



1.

2.



More security



More efficient system



Modernization



Near real-time interaction with global partners



Improved operations for global teams

## Services Provided in Case Study

Enterprise Software Solution

Agile Transformation

Digital Transformation

Cloud Implementation

## About CirrusLabs

CirrusLabs is a management consultancy firm specializing in guiding medium-to-large scale organizations in their transformation to Continuous Business Value Delivery through use of lean thinking and agile frameworks.

## Our Services

- Agile
- Cloud
- Enterprise Software
- Atlassian
- DevOps
- Testing