

# VividCloud Extends Rockstep's Backend Architecture & Develops an Application Interface to Meet the Complex Needs of Research Scientists



## Executive Summary

Rockstep's cloud-based SaaS platform, called Climb™, provides pharma, CRO, and academia customers with a single repository for all experimental data, tightly linked with study protocol and animal lineage. The Climb platform streamlines reporting, root cause analysis, and many other requirements of the industry.

## Client's Key Challenges

Rockstep had several complex challenges to solve:

- Key new business opportunities required several complex enhancements to their platform.
- These enhancements required backend infrastructure development as well as frontend components for desktop and Mobile devices.
- The lean staff at this startup company could not accomplish the complex set of product enhancements in the tight schedule required by the business opportunity.

## Solutions

### A Quick Start

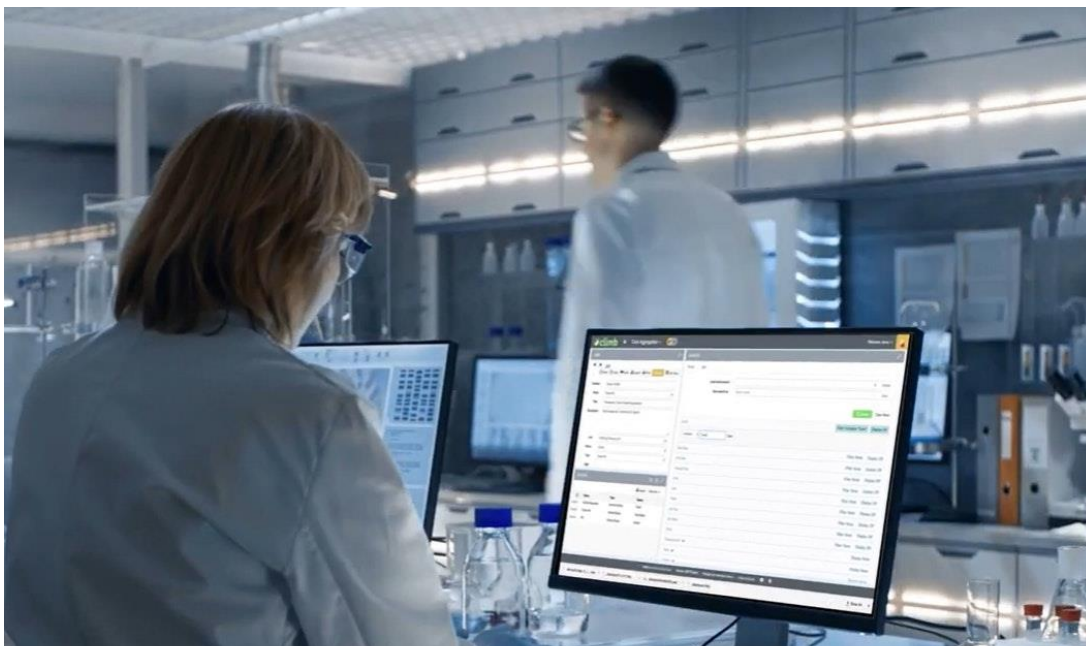
VividCloud jumped in and rapidly came up to speed on Rockstep's architecture, code baseline, and the enhancements required.

### A Partner Approach

Working closely with Rockstep's excellent engineering team, VividCloud's resources extended the backend Azure architecture to support a larger data model and scalability.

### A Fresh User Interface

VividCloud developed UX/UI components in Angular related to customer management in a multi-tenant architecture, workflow management features for Climb™ customers, and new visualization options.



**Industry:** Healthcare

**Location:** Portland, ME

**Website:**

<https://www.rockstepsolutions.com/>

About  
Rockstep  
Solutions

**Rockstep Solutions is an early-stage company in the healthcare technology market.**

## Results

VividCloud completed all of the platform enhancements on schedule at 12% below the estimated cost.

With these enhancements in place, and delivered on time, Rockstep was able to win large, industry-leading, biotechnology customers to the Climb platform.

## Benefits

### Quality

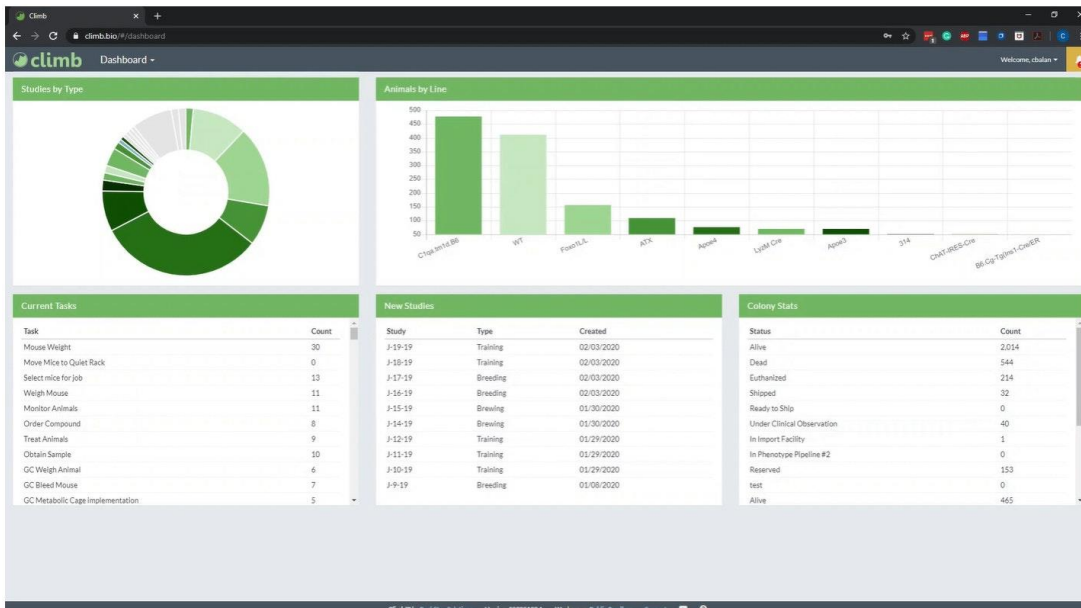
Rigorous, user-friendly design, development, and testing of each release.

### Ease of use

An efficient, easy-to-use platform that addresses the specific challenges of in vivo research.

### Growth

With VividCloud's enhancements in place, Rockstep was able to win large, industry-leading, biotechnology customers over to the Climb platform.



## About VividCloud

VividCloud is a software development company focused on cloud and IoT. AWS is our cloud platform of choice, and we are an Advanced Tier APN Consulting Partner. We bring fully managed teams that free our clients from day-to-day oversight responsibilities. VividCloud is based in Brunswick Maine, with 100% of our people onshore in the US.

