

Accelerating a Critical Platform Modernization

OVERVIEW

A veterinary technology company was modernizing the platform used by veterinary clinics and animal owners to create, manage, and share critical documents. The initiative included replacing a legacy Groovy backend with Java and Spring Boot and developing a new React-based frontend to improve the user experience and establish a more maintainable technical foundation.

Facing an important delivery deadline, the organization brought in Source Allies to provide additional engineering capacity and accelerate development during a critical phase of the modernization.

APPROACH

Our team integrated into an active modernization effort, contributing across both new and legacy systems while adapting to changing priorities and maintaining alignment across independently operating teams.

- **Full-Stack Development:** Built Java Spring Boot endpoints and React experiences supporting functionality within the modernized application.
- **Legacy System Support:** Resolved defects in the existing Groovy application while development of its replacement continued.
- **Security and Quality:** Addressed security vulnerabilities and other technical issues that could affect the reliability and maintainability of the platform.
- **Cross-Team Collaboration:** Maintained communication across independently operating development teams to improve visibility and coordination as priorities evolved.

Results

~12

Legacy backend defects resolved

9

High-priority security vulnerabilities resolved

Full
Stack

Modernization across frontend and backend

SOLUTION

Source Allies provided full-stack engineering support across both the organization's modernized platform and its existing production environment. The team developed new backend capabilities in Java and Spring Boot, created React-based frontend experiences, resolved defects in the legacy Groovy application, and addressed security vulnerabilities.

By contributing across the technology stack and adapting as priorities shifted, the team helped advance the modernization effort while continuing to address immediate needs within the existing platform.