

Improving Delivery Through Feature Development

SUMMARY

Source Allies supported a leading agricultural organization building a digital platform to serve U.S. farmers through integrated agronomic, retail, and financial tools. As teams expanded soil sampling and field management capabilities, the organization needed to improve delivery predictability and engineering practices while continuing to ship critical features. The engagement focused on demonstrating effective delivery through feature development, helping teams adopt more consistent processes while delivering value in a complex, seasonal domain.

APPROACH

Our team developed frontend and backend services supporting new soil and field management capabilities across web and mobile applications while modernizing core rendering architecture.

- **Data, Mapping, and Performance:** Enabled GeoJSON-based field mapping, improved performance through architectural modernization, and enhanced server-side caching strategies
- **Development Efficiency and Quality:** Implemented GraphQL APIs, introduced code generation practices, and established testing standards aligned with existing component libraries and design systems
- **Collaboration and Delivery Alignment:** Improved coordination across siloed teams through expanded sprint demos, earlier design collaboration, and stronger feedback loops with product stakeholders
- **Code Ownership and Accountability:** Refined frontend domain boundaries and updated pull request ownership so subject matter experts could review changes before merging

SOLUTION

The team improved delivery outcomes by embedding stronger engineering and product practices directly into ongoing feature development. Combining feature development with delivery coaching allowed our team to demonstrate the value of new organizational practices.

Results

65%

Established testing practices decreased bug reports by 65% for other teams who implemented the testing practices.

77%

The sprint completion rate was 77% higher than the average for the department.

30%

30% faster cycle time than the department average.