



Modernizing Agricultural Operations with Web Systems



Transforming heritage applications with Rocket® Visual COBOL®*

CHALLENGE

Aging hardware threatens operational tracking

The company's foundational tracking application, developed decades ago, relied on specialized data capture hardware.

When the manufacturer stopped producing these devices, the company urgently needed to interface its core application with browser-based scanning technology to prevent major operational delays.

- **Obsolete equipment**

The cessation of specialized hardware production threatened to break down the entire tracking and management process.

- **Heritage constraints**

Employees were bound to outdated green screen interfaces that lacked compatibility with modern technology.

- **Immediate urgency**

The business required a fast, reliable way to adopt contemporary scanning tools while retaining vital core logic.

SOLUTION

Transforming core applications with Rocket® Visual COBOL®

01 Advanced refactoring

Rocket® Visual COBOL® guided the upgrade process, modernizing existing application logic for current software releases.

02 RESTful web services

Critical details, such as identification numbers and operational records, now serve as direct inputs to modern web services.

03 Hardware independence

The company successfully deployed contemporary devices equipped with standard web browsers.

04 Maintained core logic

Essential business rules and foundational tracking capabilities remained intact throughout the modernization process.

RESULTS

Expanded integrations and future-ready operations

Easier onboarding

A modern user interface made onboarding faster for new hires.

Instant data access

Standardized APIs let teams securely access and update business data in real time.

Broader hiring options

The company can now hire for web service skills, not just COBOL, expanding the available talent pool.

*Formerly a Micro Focus® product