AbaData | Field Ops

Sure Shot Environmental LTD.

Case Study

Enhancing Vegetation Management Efficiency & Reducing Costs with Field Ops

About Sure Shot Environmental

Sure Shot Environmental Ltd. is an Alberta-based company providing vegetation management solutions to clients across various industries, including utilities, gravel pits, and solar farms. As a small to mid-sized company, they specialize in Patrol/Consenting, ROW Brush Herbicide Applications, Bareground Facility Herbicide Applications, Noxious Weed Control, and Utility Tree Work.

80%
Reduction in administrative time.

200+
Additional sites added to portfolio.

6x
Faster billing cycle.

Challenges Faced

Prior to implementing Field Ops, Sure Shot encountered several operational challenges that hindered efficiency and increased costs:

Excessive Travel Time
Traditional route planning had inefficiencies that led to increased time on the road and additional costs.

High Administrative Burden
Crews had to manually create and manage spreadsheets for each site, leading to an estimated 20 hours of administrative work per week.

Data Entry Errors
Manual data entry resulted in inconsistencies, slowing down reporting and billing processes.

Inconsistent Reporting
Separate spreadsheets and unique reporting formats reduced efficiency and accuracy.

Risk of Missed Sites
Site planning relied on manual oversight, increasing the risk of missed locations.

Inefficient Work Plan Changes
Manual site assignments done without real-time updates caused delays & inefficiencies when adding sites or deploying crews to new work zones.

Lack of Data-Driven Decision Making
Data was siloed across separate spreadsheets, making analysis and strategic planning difficult.

Delayed Reporting
Weekly reporting meant that site completion updates could take up to nine days, limiting real-time decision-making capabilities.
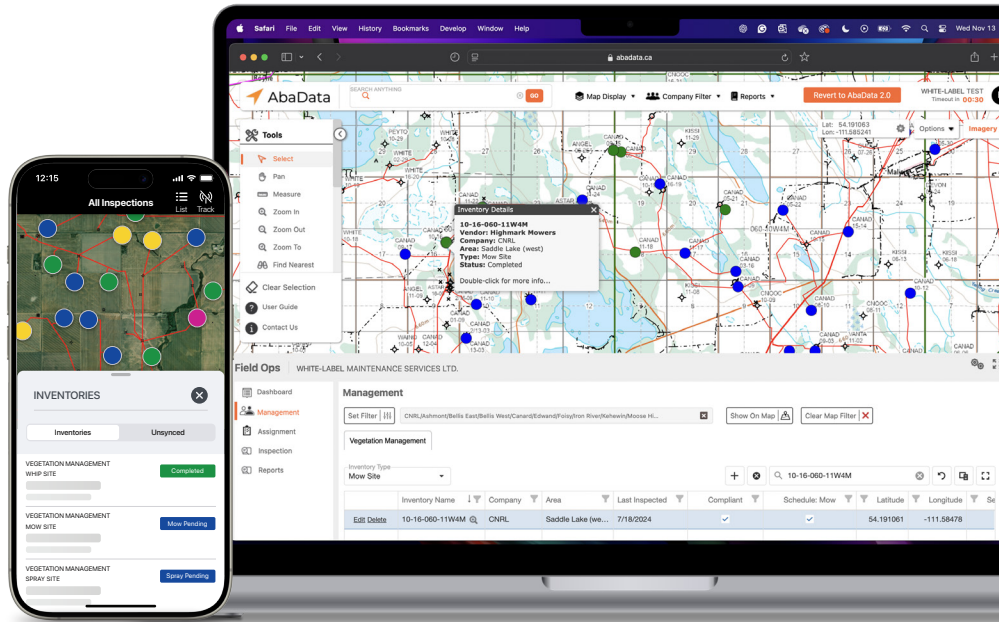
Slow Billing
Administrative hurdles resulted in a lagging management review process which delayed invoicing.

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Purpose-built software for oil & gas operations.

The Field Ops Solution

Sure Shot implemented Field Ops Vegetation Management Software to streamline operations and enhance efficiency. Key features included:

- **Centralized Data Management** – All company-wide data was consolidated into a single platform, eliminating the need for separate spreadsheets.

- **Live Dashboard & Real-Time Tracking** – Management gained visibility into site progress and crew locations, allowing for dynamic scheduling and load balancing.

- **Automated Route Optimization** – The system used travelling salesman logic to generate the most efficient routes, reducing travel time and fuel costs.

- **Smart Forms & Digital Reporting** – Crews used standardized digital forms with drop-down menus, auto-fill suggestions, and mandatory fields, reducing errors and streamlining workflows.

- **Automated Scheduling & Intelligent Suggestions** – Site inspections and detected issues (e.g., Kochia infestations) triggered automatic scheduling for follow-up treatments, improving service quality.

- **Scalability & Cost Savings** – As site volume increased, operational costs per site decreased due to enhanced efficiencies, enabling Sure Shot to pass savings along to clients.

Results Achieved

The implementation of Field Ops delivered measurable improvements across Sure Shot's operations increasing both efficiency & profitability:

Reduction In Travel Time & Cost

Automated route planning optimized travel schedules, reducing unnecessary driving time and fuel expenses.

80% Reduction In Administrative Time

Administrative burden dropped from 3 hours to just 30 mins per crew per week. Automated data entry and reporting saved nearly two full days of admin time per week.

Enhanced Reporting Accuracy & Consistency

Smart forms and standardized reporting formats minimized data entry errors, expediting invoicing and management reviews.

Improved Planning & Site Management

Automated real-time scheduling eliminated the risk of missed sites and last-minute rescheduling disruptions.

Data-Driven Decision Making

Centralized data provided management with actionable insights for strategic planning and service optimization.

Real-Time Visibility & Increased Productivity

Crews complete an average of 14 more sites per week by dynamically allocating resources in real-time.

Faster Reporting & Invoicing

Streamlined reporting accelerated the billing cycle, leading to better cash flow management.

Business Growth

Lower overhead and greater efficiency gave Sure Shot a competitive edge, allowing management to focus on growth and customer service.

More Time Doing What Their Customers Pay Them To Do

Fewer admin tasks and a smoother workflow let crews focus on core tasks, adding additional value to customers.

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Learn more at www.abadata.ca