elevāt

CASE STUDY

Elevat's Configurable Solutions:

Meet your machines needs

Overcoming Challenges in Mobile Equipment Management

A mid-level specialty harvesting equipment manufacturer faced significant **challenges in managing their harvesters, identifying operational inefficiencies, and providing timely service and support for their customers.** To improve operational performance and customer satisfaction, the manufacturer partnered with Elevāt to deploy a state-of-the-art, configurable IoT solution.

Key Transformation Objectives

Elevāt partnered with the harvesting equipment manufacturer to achieve a set of objectives aimed at transforming their business operations:

Boost Dealer Aftermarket Revenue: Equip dealers with advanced tools to manage complex machines, offer proactive maintenance programs, maintain critical parts inventory, and deliver exceptional service contracts.

Gain Geographic Insights: Track geographic data to provide deep insights into equipment utilization across different regions, enabling strategic resource allocation and targeted marketing efforts.

Enhance Competitive Features: Collect and analyze data on equipment usage and performance to identify valued features and areas needing improvement, ensuring the manufacturer stays ahead of market demands.

Elevāt IoT Implementation

Elevāt collaborated with the manufacturer to deploy an configurable IoT solution that addressed their unique business challenges:

Needs Assessment and Planning:

- Conducted an analysis of the manufacturer's challenges and management needs.
- Identified critical issues such as the need for real-time monitoring, geographic tracking, and the need for efficient maintenance processes.

Building a Configurable IoT Solution:

- Configured dashboards, remote diagnostics, and data sharing across subsystems to meet the manufacturer's specific requirements.
- Tailored data to address business needs, providing insights into part failures and customer usage patterns. This data informed decision-making and drove continuous improvements.
- Integrated engine diagnostics, fault code management, and advanced system monitoring to ensure operational readiness.

Deploying the Configurable Solution:

- **Rapid Deployment:** Leveraged Elevāt's standard platform features for quick deployment, minimizing the need for extensive software development.
- **Edge Filtering:** Implemented edge filtering to collect only high-value data, ensuring efficient data transmission and storage.
- **OEM Ecosystem Architecture:** Facilitated seamless data sharing among key users and managers through Elevāt's unique OEM ecosystem architecture.

Optimization:

- Collaborated closely with the manufacturer to configure solutions tailored to specific asset requirements, optimizing performance and efficiency.

Elevāt IoT Implementation

The implementation of Elevāt's IoT solutions brought a substantial increase in dealer aftermarket revenue, improved geographic utilization insights, and informed decision-making on competitive features. **Elevāt IoT enabled the manufacturer to deploy a rapidly configurable telematics platform, providing tailored data presentation, proactive maintenance, and smooth data sharing.** This resulted in enhanced productivity, reduced downtime, and greater customer satisfaction.

Discover how Elevāt's IoT solutions can transform your business. Contact us today to learn about our IoT solutions and how we can help you achieve your operational goals.
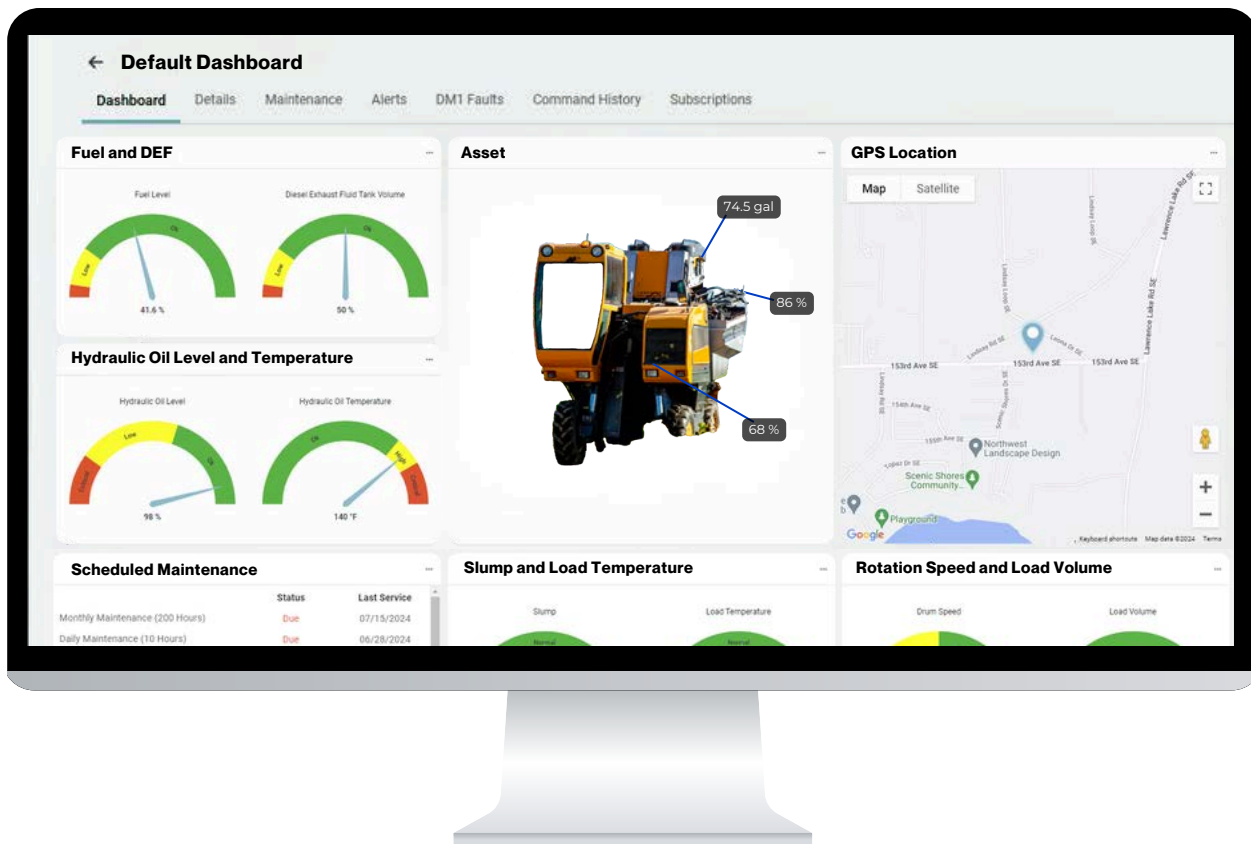
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Elevāt Web Application - Specialty Harvest Machine Monitoring