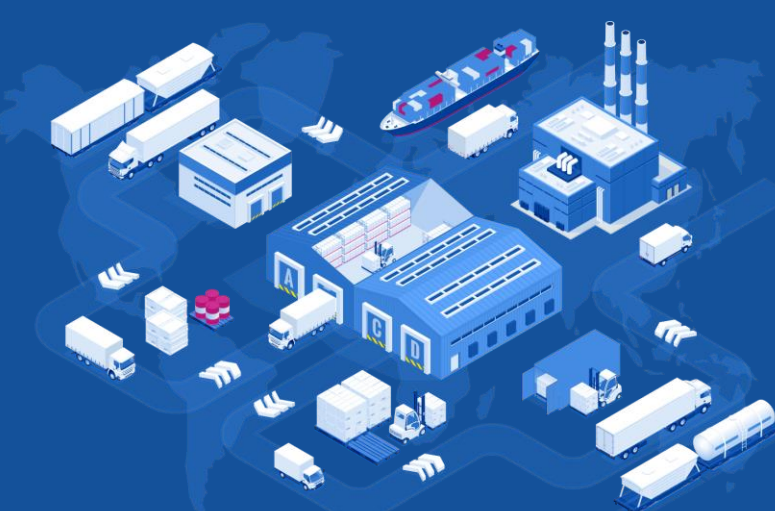


Cybage Develops a Next-Generation Fleet Management Solution

A global leader in the transport and logistics sector gains significant increase in revenue with Cybage as a reliable software development partner.



A transformational voyage

Agility, efficiency, and revenue maximization. These are only some of the very indisputable perks brought by the digitization of global supply chains. Technology has successfully painted its magic. And the industry is witnessing numerous benefits, especially in the arena of enterprise fleet management.

The fleet management solution market for big fleet owners has become saturated in Europe since 2017. There has been a rising call for products that cater to small and medium-sized transport companies battling cost constraints. A leading European player in partnership with Cybage rose to answer it with a self-servicing and user-friendly fleet management solution. The customer is a global full solution provider of fleet management with a consumer base spanning 24 countries. A cost-effective subscription-based device-independent fleet management system was developed to enable fleet managers for improving their fleet performance and eventually diversifying into new markets leading to a significant increase in revenue.

A Challenging Expedition

A Fleet Management System serving enterprise, medium, and small fleet owners to offer greater reach and increased revenue was required. The intuitive solution needed multilingual support to help clients across 24 countries and 22 languages along with EU and GDPR compliance.

Cloud-based responsive web & mobile application for fleet management

Integration with third party systems to process the fleet data

Real-time synchronization for driver and dispatcher information

Ease of development and deployment for new capabilities

Driver behavior and fuel optimization

Cybage, as a reliable software development partner, helped achieve the objectives at an overall reduced cost of product development.

A Deep Dive into Telematics-Based Fleet Management

A self-servicing, intuitive, and device-independent fleet management system was designed. The system recorded fleet data meticulously via GPS and sensors, providing real-time monitoring with features like dashboards, messages, alarms, and notifications. The end result was better informed decision-making related to fleet drivers and fuel consumption.

User-friendly and responsive

Framework to support multiple devices, browsers, and form factors

Integration

Single data source gateway API to communicate with the external systems

SaaS-Based messaging for easy integration and actionable notifications

Message framework that can be easily integrated with any front-end responsive application needing less effort

Lack of real-time communication between back-office and fleet users led to significant revenue losses. The FMS helped reduce communication costs by 50% with an easy-to-use dashboard.

Easy vehicle navigation and movement

Extended proprietary framework to support multiple map providers with display routes, GPS positions, and more

Auto-update of real-time data

Automatic updates of real-time data on the UI, always presenting fresh data for end-usage

An Advantageous Partnership: How We Did It

Leveraging an IoT platform, the solution captured data from sensors to display real-time information. The team developed a cutting-edge telematics-based fleet management solution leveraging broad technological expertise. The solution won the 2018 Telematik Award in Telematics Apps category at IAA 2018, Germany.

Cybage utilized its technological expertise and extensive portfolio in the supply chain and logistics industry to grow as a trusted engineering partner through a relationship spanning 10+ years. Our experts developed a cost-effective fleet management solution that led to an increase in customer base. And automation testing covered over 80% of the entire solution suite.

This resulted in saving precious time and increasing the efficiency considerably. Bringing together technology, data, and process to deliver transformative business outcomes and numerous benefits, such as:

Customer satisfaction

There was a considerable increase in the customer base due to connected vehicles. The enhanced features of this multilingual application were augmented by 24x7 customer support to ensure streamlined processes

- 100% customer retention
- Over 1,500 active customers

35% reduction in customer onboarding time because of seamless integration with external partners and resellers

Reduction in costs

Improved KPIs and dashboards enabled efficient communication and lowered expenses

- 25% reduction in operational costs
- 50% reduction in communication costs

Improved operational efficiency

We empowered remote troubleshooting of telematics devices and ensured a decline in unplanned activities to streamline operations

- 40% reduction in support ticket resolution time
- 30% reduction in unplanned activities on the operation side

Enhanced vehicle and driver management

This was achieved by improving driver and vehicle performance with text messages, alarms, notifications, and native-style web-push notifications for drivers and dispatchers. Driving and resting period rules & regulations were implemented for EU compliance

- 15% increase in driver utilization
- 3% rise in fuel savings

Reaching the destination with Cybage

Achieving operational efficiency cost-effectively can be a challenging endeavor. But a strategic partner can help you achieve your goals and surpass them. Cybage utilizes proven expertise to develop mature and flexible frameworks with multiplatform, multi-device, and multi-resolution support. Leading logistics software solution providers for 3PLs, fleet owners, and distributors have leveraged Cybage's capabilities to develop, maintain, and test flagship products.

Our Capabilities in Logistics

Order processing and fulfillment

Inventory Management System (IMS)

Transportation Management System (TMS)

Yard management

Fleet Management System

Last-mile delivery

Labor management