

Automation System For Transport Industry

Problems / Challenges :

We deliver CO2 and currently use a clipboard with a hand written log sheet for our delivery technicians to record quantity (in lbs) of CO2 delivered. At the end of each day, drivers send images of the logs to home office for client billing purposes. Currently, either; daily, weekly or monthly A/R staff manually enters data into quickbooks, then batches invoices monthly or bi-monthly depending on client type.

Client Objective :

Required Solution -

A web based application, which will allow us to automate several steps in this process.

This application will streamline a current paper/labor intensive process into greater efficiencies and better user/employee experience.

Solution Provided By Yashco :

We provided fully Automated System to Transportation Industry (Fleet-Fuel tracking and Orders/Clients Management).

Provided separate User Roles and Rights access to handle their tasks on each level -

- ~ Admin
- ~ Account Department
- ~ Dispatcher Team
- ~ Sales Team

Key Functionalities :

Delivered a web based solution (Web Admin + Mobile App) for -

- ~ Transports (Multi-location) tracking application with
- ~ Drivers activity tracking- check-in/out [Geo-Location and Time-Stamped],
- ~ Import/Export Spreadsheet for Orders (Admin side)
- ~ Customers and Orders management
- ~ Revenues tracking solution
- ~ Graphical representation of Revenues based on daily/weekly/monthly or specific time duration.

Technologies We Served :

Web Platform: PHP CodeIgniter framework

Mobile Platforms: Native IOS programming, and Native Android SDK.

Webservices: JSON web services development

Benefits Delivered :

The Client leveraged our Product Development capabilities, to develop the fleet/Orders management product that helps in:

Driver's Team -

- ~ Paperless work during the field.
- ~ Ability to Check-In/Out for each day.
- ~ Daily deliveries updates with pre-planned routed and Client's information.
- ~ Track records for all day deliveries, pending orders.

Management Team -

- ~ Ability to track all Driver's activity. [Start Day/End Day time count, validate time spent on each customer's place, and time spent during driving, etc.]
- ~ Optimal Deliveries management (Appropriate delivery routing).
- ~ Track Truck's mileage count during the deliveries, hours of usage by Driver each day.
- ~ Increase predictability of delivery times and improve customer service.
- ~ Enable efficient re-routing of trucks in real-time to meet customer demands.
- ~ Customer Management with their recorded Orders/Deliveries.
- ~ Revenues Management (Graphical representation) with daily/weekly/monthly, or specific time duration.

Contact us

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