

RouteManager



Overview

RouteManager is a web-based Content Management System designed to track and manage Bus and Shuttle Operations. RouteManager was created to provide a platform for simple data entry, consistency in data, and comprehensive reporting. RouteManager is designed to minimize time and effort spent entering and manipulating data, and to provide a single-source solution for all pertinent data regarding daily operations.

- Route Manager is expected to reduce time and effort spent entering and managing data by ABM staff by 20% to 50%.

Functions

- **Reports**
 - Allows for comprehensive management reports on all pertinent data in the system
 - Reports for Passengers and Mileage, In-Service Hours, Comments, Fluids and Users
 - Features Hourly “EKG” Bar Chart reports
 - Allows for high specificity in results
- **Accident Management**
 - Allows for comprehensive accident logging, including such features as user-editable damage diagrams, and linked photographs and documents
 - Input fields and drop-downs allow for all data entry
 - Grouped by sections for easy input and editing
- **Customer Comments**
 - Allows for tracking of customer complaints and compliments
 - Tracks pertinent information such as Driver, Route, Date Time, and Resolution
 - Color-Coded Comment Types (Complaint, Compliments and General)
 - Includes a Employee Compliment Summary Report
- **Driver Sheet Entry**
 - Allows for entry of Passenger Counts, Trip Counts and Breaks for each Route, for each Vehicle, per day
 - Features an Excel-like grid for fast data entry
 - Calculates In-Service and Out of Service hours

- **Fluids**
 - Allows for tracking of Fluid usage per vehicle per day
 - Tracks pertinent information such as CNG usage, Washer Fluid usage, Oil usage, Fueler Name, Vehicle Name, and more.
 - Easy tabbing data entry form

- **Admin**
 - Allows for management of Users, Vehicles and Routes
 - Users can be assigned Roles for access to any combination of the listed Functions
 - Can store information including Name, Address, Badge Info, and more.
 - Password assignment and reset occurs here
 - Vehicles can be assigned Vehicle Types and assigned License Plate Number and VIN
 - Vehicle Groups can be created and edited for reporting purposes
 - Routes can be assigned Route Types and mileage From and To Route Destination
 - Route Groups can be created and edited for reporting purposes

Features

- Centralized Data Management
- Intuitive and easy to use interface
- Powerful Reporting
- Efficient and time-saving Data Entry
- Web-Based, providing accessibility to the full code (no compiled executable) and ease of maintenance and upgrade