

FLEET MANAGEMENT



TRACKS FLEET STATUS ON MAP

SCHEDULES REPAIRS & RENEWALS

MANAGES TICKETS & REPAIR COSTS

MAINTAINS PARTS INVENTORY



INTRODUCTION

The Fleet Management module is a dynamic part of IT Curves' Integrated Transportation Management System. Fleet Management is comprised of three components, with each performing specialized functions. The Renewal and Periodic Report section is designed to keep track of renewals required by jurisdictional authorities such as state inspections and meter inspections. Periodic and preventive maintenance is scheduled by each operation, based on mileage or number of days between repairs.

The Repairs and Tickets Management section tracks the creation of tickets, parts required for each repair, completion of the tickets, and release of the vehicle. The Parts Inventory section is an easy-to-use group of functions, including vendor list, purchase orders for parts, and tracking of parts used for each vehicle.



DASHBOARD AT A GLANCE

For ease of use, a dashboard screen shows all relevant information at a glance and allows users to go to a deeper level of detail:

- The Live Ticket feature allows users to view the list of tickets in progress
- The ticket cost bar graph shows the cost by month and allows access to list of tickets
- The renewal reminder and periodic service reminder shows the number of overdue and soon-due vehicles and allows drilling down through the list of vehicles in each category
- Part quantity status, fuel cost and odometer reminder are displayed and can be quickly accessed

RENEWAL AND PERIODIC SERVICES

Scheduled renewals for licenses and inspections and managing periodic preventive services are important and create better business economy.

- The system allows for multiple renewals to be scheduled for each vehicle, tracks each service by the date and provides notice in advance
- User can pre-define some services as periodic by miles or number of days. The system will determine whichever comes sooner and provide notice
- The system allows multiple ways to update vehicle miles, including driver's device, cashier, or repair shop
- The system provides easy access to vehicle details to reschedule renewal or periodic services



LIVE TICKET SCREEN

0 SCHEDULED 1 DUE TODAY 1 IN PROGRESS 10 COMPLETED

SEARCH CRITERIA

Ticket# Vehicle From date To Date

Search By Ticket Type: **All** Search By Mechanic: **All**

Ticket Type	Ticket #	Vehicle	Service	Due Date
Internal	17	389	5000 MILE PREVENTIVE MAINTENANCE	3/12/2014 3:2
Internal	16	390	5000 MILE PREVENTIVE MAINTENANCE	3/12/2014 2:3
Internal	15	68	Multiple	3/12/2014 2:0
Internal	14	406	CHECK ENGINE RUNNING CONDITION	3/10/2014 1:3
Internal	13	33	OVERHEATING \ LOSING COLLANT	3/10/2014 1:2
Internal	12	593	NO START	3/10/2014 1:1
Internal	11	647		4/4/2014 11:3
Internal	10	593	NO START	3/10/2014 4:1
Internal	9	487	CHECK TIRE CONDITION	4/3/2014 3:3
Internal	8	640	CHECK TIRE CONDITION	3/10/2014 3:2

1 2

Ticket Information

TICKET #: 17 VEHICLE #: 389

REASON/DESC.: 5000 MILE PREVENTIVE MAINTENANCE MECHANIC: Mathena Joe

PART(S):
 Part Number: LF157F | Part Name: FILTER\OIL\DODGE | Quantity: 1 | Price: \$1.50 | Invoice Number:
 Part Number: T1 | Part Name: OIL\VALVOLINE\10W30 | Quantity: 6 | Price: \$2.10 | Invoice Number:



TICKET MANAGEMENT

- Shop manager can create a diagnostic ticket for a vehicle brought to the lot and easily assign to mechanics
- Staff can check a vehicle as "brought to lot" and record the reason
- After diagnostic, ticket may be assigned to another mechanic while the required parts are taken from stock or ordered
- Ticket costs include labor and parts cost, where both costs are on actual invoice
- Predefined service may be set to call for certain parts, minimizing the time to issue tickets
- The Live Ticket screen shows the tickets in progress, the status of work and assigned mechanic
- Repairs are tracked by vehicle to identify high-cost vehicles and frequent repairs



PARTS AND INVENTORY MANAGEMENT

- Parts inventory management allows users to stock and track frequently used parts
- Parts stocks are organized by location and bin number for physical access and periodic audit
- Parts stocks are also organized by batch, and then ordered and tracked by vendor, with date and invoice number for accurate parts cost management
- Parts management allows for keeping track of parts warranty periods where applicable
- Parts may be ordered while repairs are in progress and immediately added and removed from stock for tracking purposes
- The Parts log shows all stock activities: additions, removals, and reserved parts



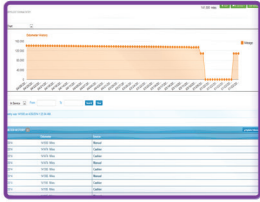
VEHICLE LIST MAINTENANCE

- Vehicle information is documented and stored, including make, model, color, VIN number, and assigned fleet number
- Users can edit the basic vehicle information or access full vehicle details
- The detailed vehicle screen allows maintenance of multiple renewal dates for a number of inspections and renewals
- A line graph shows the increase in miles of a vehicle by date, revealing unusual trends
- The Vehicle list enables keeping a list of retired vehicles, as well as a list of vehicles kept in inventory that are available for service

Manage Reminders

Name	Start Date	End Date	Action
5000 MILE PREVENTIVE MAINTENANCE	1/22/2019 11:17 AM		1 Action
5000 MILE PREVENTIVE MAINTENANCE	1/22/2019 11:17 AM		1 Action
5000 MILE PREVENTIVE MAINTENANCE	1/22/2019 11:17 AM		1 Action

Odeometer History



Vehicle List

VIN	Make	Model	Year	Status
1G1YY22K961000000	GM	Malibu	2006	Active
1G1YY22K961000001	GM	Malibu	2006	Active
1G1YY22K961000002	GM	Malibu	2006	Active

Brought to Lost List

VIN	Date Lost	Status
1G1YY22K961000000	1/22/2019	Lost
1G1YY22K961000001	1/23/2019	Lost
1G1YY22K961000002	1/24/2019	Lost

Live Ticket Screen

Vehicle	Service Type	Date	Technician
1G1YY22K961000000	5000 MILE PREVENTIVE MAINTENANCE	1/22/2019	John Doe
1G1YY22K961000001	5000 MILE PREVENTIVE MAINTENANCE	1/23/2019	Jane Smith
1G1YY22K961000002	5000 MILE PREVENTIVE MAINTENANCE	1/24/2019	Mike Johnson

Create Ticket

Vehicle: 1G1YY22K961000000
 Service Type: 5000 MILE PREVENTIVE MAINTENANCE
 Date: 1/22/2019
 Technician: John Doe

Parameters

Parameter	Value
System Name	ITCURVES
System Email	support@itcurves.net
System Phone	(301) 208-2222

Edit Vehicle

VIN: 1G1YY22K961000000
 Make: GM
 Model: Malibu
 Year: 2006

Edit Basics

Name: Malibu
 Description: 2006 GM Malibu

Service List

Service Type	Date	Technician
5000 MILE PREVENTIVE MAINTENANCE	1/22/2019	John Doe
5000 MILE PREVENTIVE MAINTENANCE	1/23/2019	Jane Smith
5000 MILE PREVENTIVE MAINTENANCE	1/24/2019	Mike Johnson

Vendor List

Vendor Name	Address	Phone	Email
ABC Vendor	123 Main St	(301) 123-4567	info@abc.com
XYZ Vendor	456 Main St	(301) 456-7890	info@xyz.com

Purchase Order

Vendor: ABC Vendor
 Part Number: 12345
 Quantity: 10
 Price: \$100.00

Parts Received/Added

Part Number	Description	Quantity
12345	Oil Filter	10
67890	Spark Plugs	20

Edit Parts Batch

Part Number: 12345
 Batch Number: 1001
 Quantity: 10

Parts Management

Part Number	Description	Stock Qty
12345	Oil Filter	100
67890	Spark Plugs	200

Parts Logs

Date	Part Number	Quantity
1/22/2019	12345	10
1/23/2019	67890	20

OverDue Renewal Reminder

Vehicle No	Renewal Type	OverDue
73	Emission Expiration	164 Days Passed

Vehicle	Service Type	Due
1G1YY22K961000000	5000 MILE PREVENTIVE MAINTENANCE	21687 miles (0 days) from now
1G1YY22K961000001	5000 MILE PREVENTIVE MAINTENANCE	27787 miles (0 days) from now
1G1YY22K961000002	5000 MILE PREVENTIVE MAINTENANCE	21443 miles (0 days) from now

Part #	Part Name	Unit Price	Qty	Subst. Qty	Stock Qty	Min. Stock
12345	Oil Filter	0.00	0	0	0	0
67890	Spark Plugs	0.00	0	0	0	0

Vehicle	OverDue
1G1YY22K961000000	5 days since last odometer update
1G1YY22K961000001	84 days since last odometer update
1G1YY22K961000002	8 days since last odometer update

Part #	Part Name	Qty
346073	Shock Absorber	-2
ES70599	Fuel Injection O-ring Freezener	-2
V550418	Injector	-1

Part #	Unit Price	Qty	Rev. Qty	Avail. Qty	Invoice #	Action
350178	0.00	0	0	0		Adjust
350179	0.00	0	0	0		Adjust
499991AF	0.00	0	0	0		Adjust



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