

TECHNOLOGY AND ITS IMPACT ON FLEET REPAIRS

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CONTINUE DOING WHAT YOU DO?

- Convert all forms to Tablet based forms:
- Collect – Analyze – Act – Record Actions

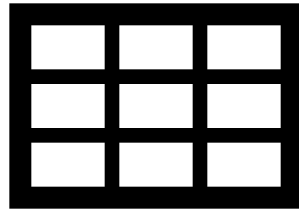
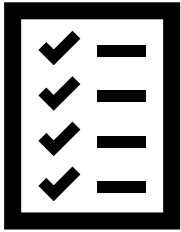


WHAT IS THE GOAL?

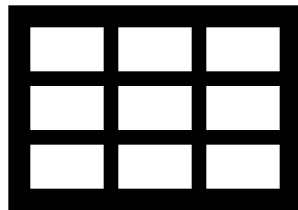
- Reduce time to collect data
- Reduce administration time
- Reduce reporting time
- Better access to data

THERE IS A BETTER WAY

EXAMPLE 1

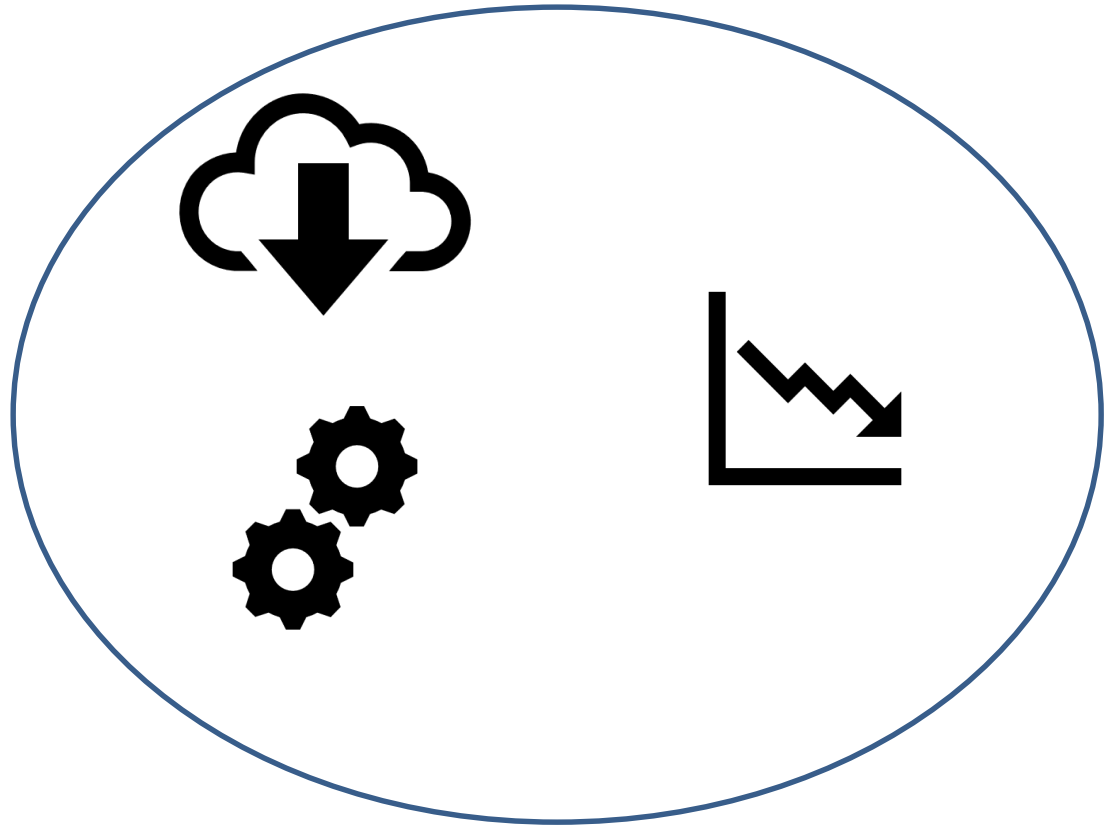
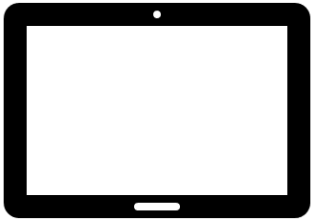


EXAMPLE 2



THERE IS A BETTER WAY

EXAMPLE 3



ADVANTAGES

- Reduced errors
- More data and clear data
- On demand reporting
 - NTD Reporting,
- Dramatically reduced time
 - Administration, Reporting,

KEY FUNCTIONALITY

- Powerful search and reporting
 - Gives data meaning, reports, dashboards and maps
- Automated alerts
 - Tracks risks, emails, and lists
- Compliance
 - Process control, policy control and rules

ROAD CALL EXAMPLE



Track←it

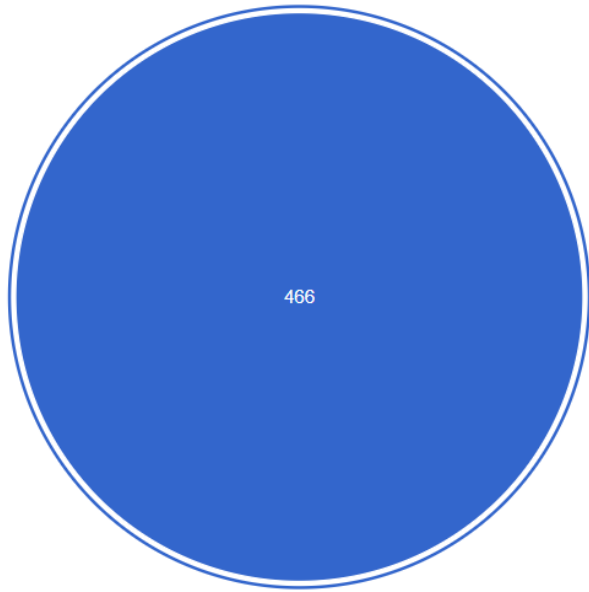
DASHBOARD

Assessment Forms By Type

Rectangular Snip

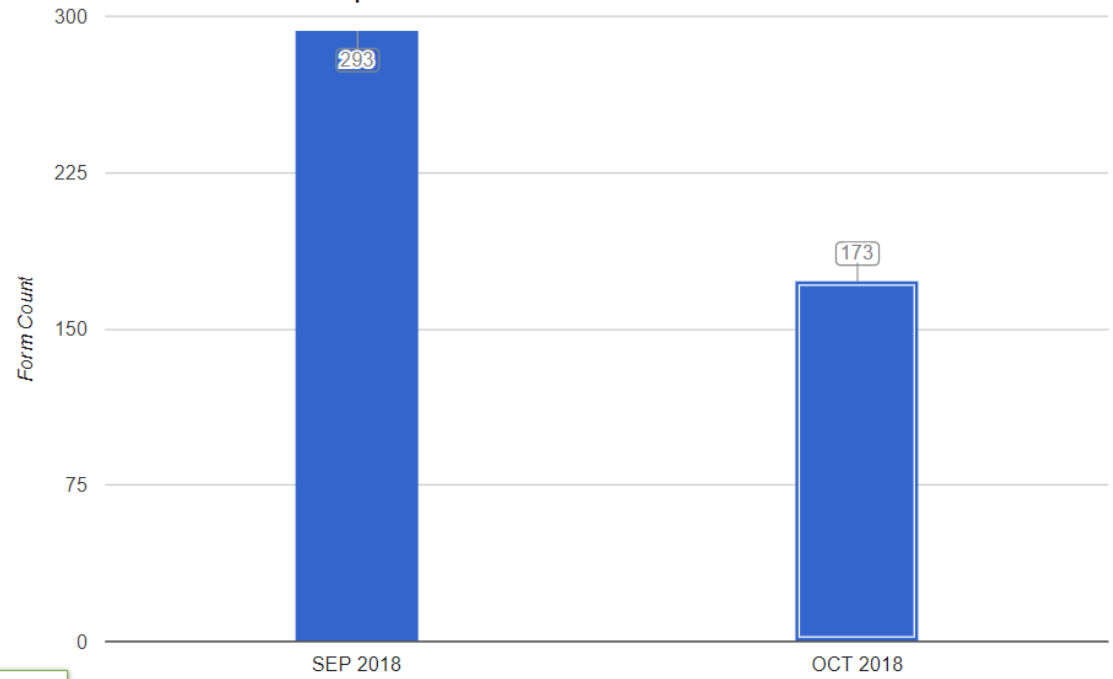


Assessment form details.



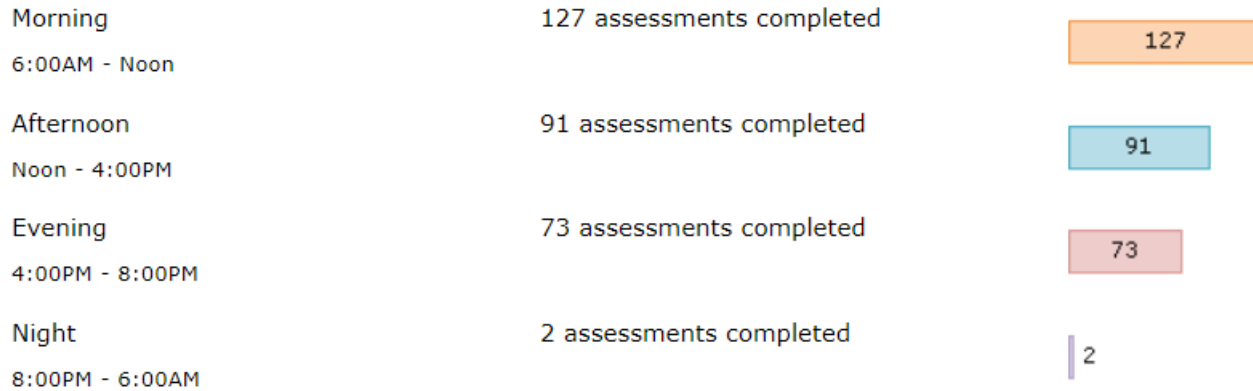
Legend ^

Maintenance Road Call Report



MONTHLY DASHBOARD

by time of day



Assessment Form	RM	RO	RI	OR
Maintenance Road Call Report	50	34	208	1

REPORT DETAIL

































Maintenance Road Call Report

Drivetrain [3]	✓ Electric Propulsion (Elec and Hybrid) [83]	✓ Electrical and Lights [71]	✓ Engine [222]	✓ Farebox [434]	✓ Interior [4]
<ul style="list-style-type: none"> ✓ Axle Driven [1] ✓ Tires and Wheels [2] 	<ul style="list-style-type: none"> ✓ Changing System [19] ✓ Low (SOC) state of charge [19] ✓ Drive Motor [1] ✓ Inverter (hybrid) [44] 	<ul style="list-style-type: none"> ✓ Charging System [7] ✓ Bus will not start [13] ✓ Cranking System [13] ✓ Headlights [18] ✓ Instruments and Gauge [8] ✓ Running Lights [1] ✓ Stop Request [9] ✓ Turn Signals [2] 	<ul style="list-style-type: none"> ✓ Acceleration Problem [15] ✓ Cooling System [10] ✓ Cooling System leaks [10] ✓ Engine Overheating [12] ✓ Check Engine light on [34] ✓ Engine light on [34] ✓ Fuel System [8] ✓ No Start [33] ✓ Spyder pulleys [13] ✓ Stop Engine light on [53] 	<ul style="list-style-type: none"> ✓ Bill Transport [6] ✓ Bill Validator [20] ✓ Coin Validator [76] ✓ Keypad [30] ✓ Low stock, for trim cards [12] ✓ Tap Machine [89] ✓ Trim Unit [201] 	<ul style="list-style-type: none"> ✓ Flooring Isle [1] ✓ Stanchions [3]

ROUTE OVERVIEW

Person	Form Name	Assessment Date	Bus Number	Stop Engine light on	Tap Machine	Keypad	Trim Unit	Operator Seat	Bill Validator	Destination Sign	Other minor issues	Radio	Interlock will not release	Spyder pulleys
ALEJANDRO HERNANDEZ (3875)	Maintenance Road Call Report	10/1/2018 6:08:16 PM	Gillig Bus (1317)	Field repair not possible	Adjusted									
ALFREDO TOPETE (3895)	Maintenance Road Call Report	9/10/2018 5:05:42 PM	BUS (2911)		Adjusted									
GEORGE MCCLURE (2287)	Maintenance Road Call Report	10/5/2018 6:15:44 PM	Gillig Bus (1528)			Adjusted								
ALBERTO RODRIGUEZ (2295)	Maintenance Road Call Report	9/21/2018 1:25:49 PM	BUS (2714)				Adjusted							
RICKEY ANDERSON (2304)	Maintenance Road Call Report	9/12/2018 9:41:08 AM	BUS (2910)				Adjusted							
RICKEY ROBINSON (2316)	Maintenance Road Call Report	10/4/2018 8:50:01 AM	Artic New Flyer (1513)				Adjusted							
YESSENIA DAMIAN-GARCIA (3855)	Maintenance Road Call Report	9/28/2018 3:49:17 PM	BUS (2239)					Adjusted	Cleaned					
BRIAN PATIN (2442)	Maintenance Road Call Report	9/7/2018 9:46:26 AM	BUS (2417)							Adjusted	Adjusted	Adjusted		
KATHY JORDAN (2449)	Maintenance Road Call Report	9/17/2018 1:04:56 PM	BUS (2427)				Adjusted							
CHARLENE COLEMAN (2477)	Maintenance Road Call Report	9/12/2018 9:42:19 AM	BUS (2219)	Field repair not possible									Field repair not possible	Field repair not possible
JESSE LEM (2505)	Maintenance Road Call Report	10/19/2018 10:35:34 AM	New Flyer CNG (1821)				Replace with new							

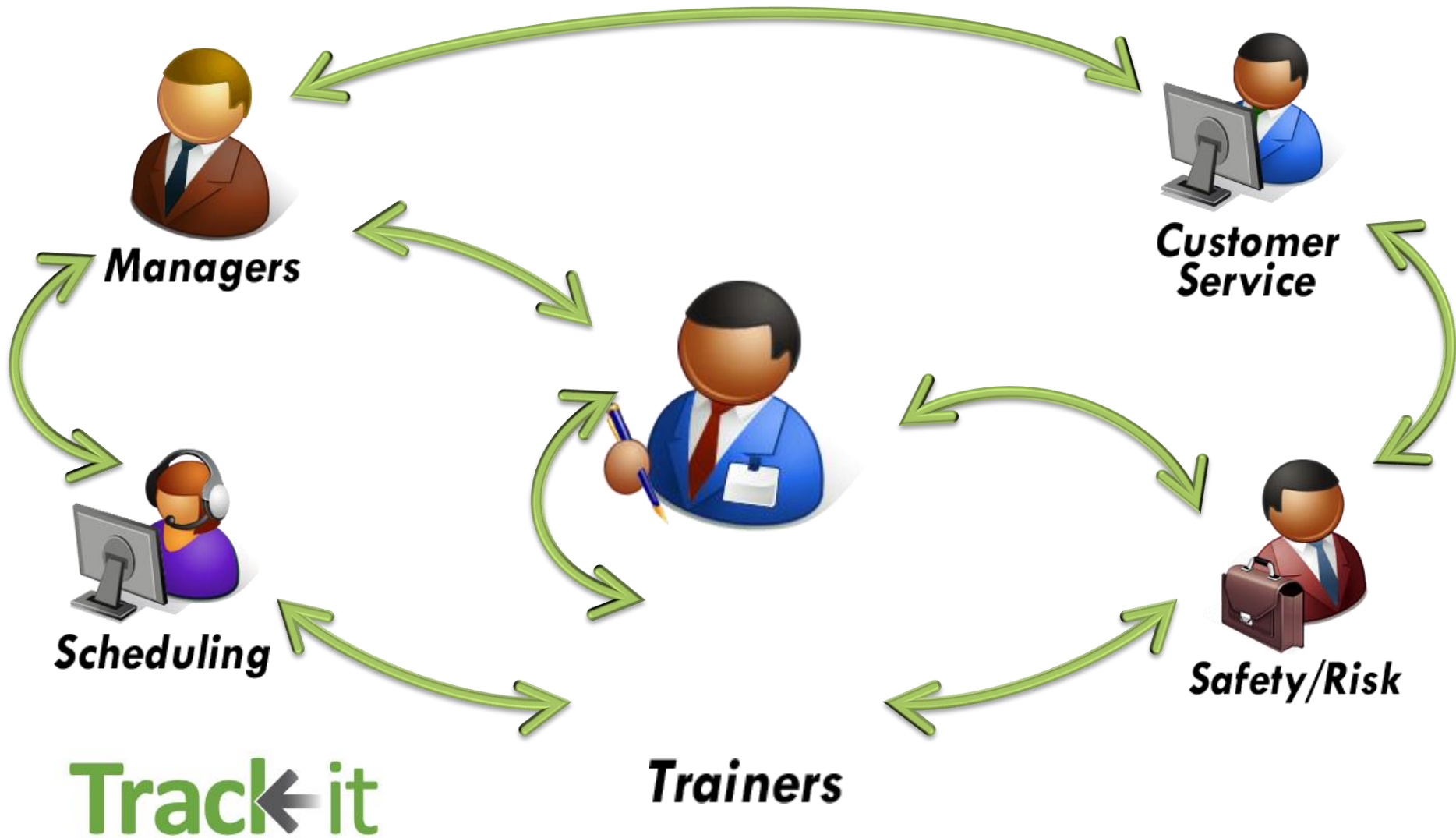
SEARCH ENGINE

Assessments (2237)							Links			
Date	Assessment Form	Driver	Evaluator	Division	Grade					
22/Oct/2018 5:27 PM	Maintenance Road Call Report	LUIS TURCIOS (3215)	ALBERTO MORELOS JR (8537)	BUS DRIVERS (103)	RM = Road Call mechanical					
22/Oct/2018 5:25 PM	Maintenance Road Call Report	KENDALL COLEMAN (3033)	ALBERTO MORELOS JR (8537)	BUS DRIVERS (103)	RM = Road Call mechanical					
22/Oct/2018 5:24 PM	Maintenance Road Call Report	GUILLERMO ZAMORA (3791)	ALBERTO MORELOS JR (8537)	BUS DRIVERS (103)	RI = Road Call Informational					
22/Oct/2018 5:23 PM	Maintenance Road Call Report	LINDA REED-DEVANCE (3013)	ALBERTO MORELOS JR (8537)	BUS DRIVERS (103)	RI = Road Call Informational					
22/Oct/2018 5:07 PM	Maintenance Road Call Report	DANIEL RODRIGUEZ (3650)	ALBERTO MORELOS JR (8537)	BUS DRIVERS (103)	RI = Road Call Informational					
22/Oct/2018 5:06 PM	Maintenance Road Call Report	RONALDO GREPO (8507)	ALBERTO MORELOS JR (8537)	BUS DRIVERS (103)	RI = Road Call Informational					
22/Oct/2018 5:05 PM	Maintenance Road Call Report	MARIA CADENA (3257)	ALBERTO MORELOS JR (8537)	BUS DRIVERS (103)	RI = Road Call Informational					
22/Oct/2018 5:03 PM	Maintenance Road Call Report	MARSHA CURTIS (2870)	ALBERTO MORELOS JR (8537)	BUS DRIVERS (103)	RI = Road Call Informational					

OPPORTUNITIES

- Training forms
 - Ride check, retraining,
- Safety form
 - Safety Inspections
- Operations forms
 - Accident, D&A form,
- Maintenance forms
 - Pre-Trip, Road Calls, PM Inspections

ALLOWS PEOPLE TO WORK TOGETHER



THE PROBLEM WE NEED TO SOLVE

- There are less resources (people, time)
- More Requirements (TMS,SMS,NTD reports)



Results = Better and low cost service

QUESTIONS

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