



***Flagship Fleet Management***

*We lead the way...*



# **Flagship**

Web Based Fleet Management Solution



Flagship is the fleet management/fleet maintenance system positioned to take the Fleet Management community by storm. Flagship has been in business since 2004 with the sole objective to assist the top fleet managers in the country improve the data collection and information reporting capabilities available with their current fleet management systems. We built solid "bolt-on" reporting and analysis tools to put fleet information into the working hands of all levels of fleet management professionals, quickly & easily. We have now taken this experience and applied it to building a better fleet management system.

You will not find a better fleet management system than Flagship. It is a bold statement we make, so let us go over the facts;

- 1) Our application uses the most robust WEB tools on the market.
- 2) The user interfaces and reports are designed based on our work with the Fleet Management Community.
- 3) Fast Data! We use the data server as it was meant to be used. All application data pulls are provided via optimized stored procedures on a thoughtfully indexed database. Our backend server process is efficient enough to handle 10 times the volume of the largest fleet operation.
- 4) There are no legacy applications in the middle to slow down the application or require additional hardware or support.
- 5) Flagship responds to customer needs quickly. Need help with a new process or identified a need for new functionality; flagship responds quickly with a commitment to customer satisfaction.

Our small operation is made up of an ex Oracle employee and ex mainframe programmer who worked for a major bank. We are well accustomed to large volume transaction processing. With over 15 years experience making other systems work more efficiently for all fleet personnel we believed a better system could only be accomplished by building it from the ground up. We carefully reviewed and selected the best possible and lowest cost of ownership Database/WEB/Server tools in creating the Flagship application.

The result is Flagship is now the premier solution for operating/maintaining a safe and cost effective fleet. It solves many of the process problems unique to fleet management. It provides the information needed to manage the bottom line and simultaneously provides the best service possible to your customers. With an eye to the future, Flagship has delivered robust functionality, sophisticated management capability, ease of use, and speed in a web interface.

Some fleet operations are split among several different departments, possibly using different systems. Flagship is the model of how several areas of expertise can be integrated together in one application. Shop supervision, maintenance, scheduling, parts, use tracking, fuel, asset management, motor pool and KPI driven management dashboards, are important single fleet functions that Flagship merges together in one seamless application. Flagship provides all this capability without bogging down end-users in endless screens, and gives management needed information to help drive better and more cost effective management decisions.

[www.flagshipfleet.com](http://www.flagshipfleet.com)





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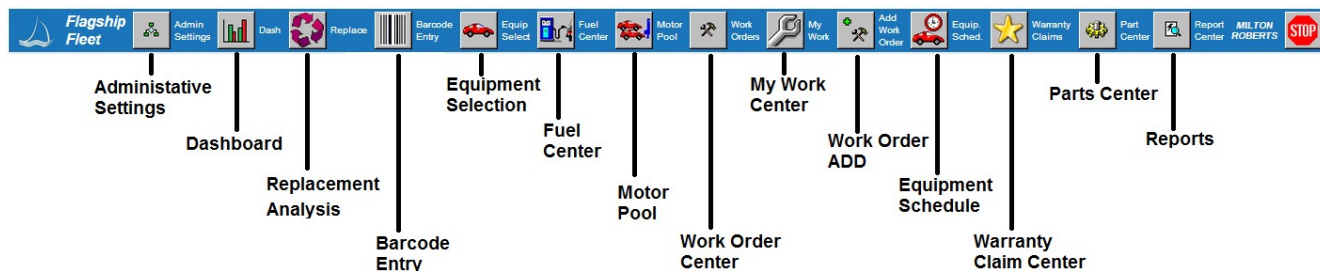
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## System Navigation

Navigation within Flagship is quick and intuitive. Depending on the defined rights of the user; they will be navigating from just a few descriptive icons within the application. Most users don't need to see or be bogged down with the full access to the application. Users have a specified job with a defined scope, and only need to work within a small portion of the entire application. The exceptions to this would be management or the system administrator. The system administrator will have full access across the system while shop manager may have full functional capability but only with equipment assigned to his or her shop. A technician within that same shop would have an optimized user interface for repeated task.



<b>Administrative Settings</b>	All system functions, static drop lists, equipment and work order code are managed by the system administrator. These settings are easy to change and re-define as different staff develop and your fleet operation changes.
<b>Dashboard</b>	KPI driven metrics out of the box. We have been to the seminars and worked with the top Fleet managers in the country to develop the best group of key performance indicators (KPI's) anywhere. Best in business metrics charts, graphs with drill down to the work order, out of the box.
<b>Replacement Analysis</b>	Best in class Replacement Analysis, out of the box! Show the budget folks the replacement budget is there for a reason!
<b>Barcode Entry</b>	Tie your Bluetooth enabled device, we do not know any mobile device that is not Bluetooth enabled, to any scan fob and you are ready to use bar-coding. Done Deal! NO PROGRAMMING REQUIRED!
<b>Equipment Selection</b>	Your window to all your equipment, many ways to search and sort.
<b>Fuel Center</b>	Tank management for internal tanks, issues, receipts cost averaging based on tank balance.
<b>Motor Pool</b>	Simple motor pool management for non-key drop sites. or work seamlessly with your Key drop reservation/management system.
<b>Work Order Center</b>	Best in class work order management .
<b>My Work Center</b>	Your shop technicians work center for labor, parts work order management. Once your staff understands this screen they are ready to go to work.
<b>Work Order ADD</b>	Click here to open a work order.
<b>Equipment Schedule</b>	Equipment scheduled from the PM Notification and scheduling module.
<b>Warranty Center</b>	Keep track of all warranty claims identified and created from work orders.
<b>Parts Center</b>	Best in class inventory management.
<b>Reports</b>	Reports organized by functional unit. Nobody does reporting and analysis as good as us.





## Security

Flagship provides a safe secure place for all your fleet management data, while also letting you distribute system capability, access, and information on a need use and or know basis. It is unfortunate, but full disclosure for your customer can end up costing fleet management precious time. With Flagship security the screens or reports people can see and interact with can be defined in detail.

System security is multi-layered. Users are assigned to groups that are assigned specific screen and data rights.

There are four levels of data access security: Administrative (All Data, full system access) General (All Data, customer defined system access), Fleet (Assigned Fleet, customer defined system access) or Department (Assigned department, customer defined system access) level access to data. Users assigned to a fleet or department level data access will only be able to view/maintain data they are individually assigned to. Each group is assigned View, Edit, Add and Delete rights to individual screens. First name the group and define the system rights and access you want for that group. Second assign the specific users to that group. For example the parts department manager will have access to all parts maintenance screens and the Shop manager will have access to all the work order screens.

Reports also take into consideration the user security rights. The on-site administrator has the ability to select reports a specific security group can view. No more scrolling through reports that have no meaning to a specific user. Any reports a user is allowed to view will only show the data the user is assigned to see. This simplifies the view for the user because they only see reports and system functionality they have permissions for.

### Administrative Level Security

An administrative user will always have full access to all data and all system screens and functionality. This is usually reserved for the on-site system administrator of the system.





## General Level Security

A general level group will have full access to equipment data but may or may not have access to specified sections with-in the application. This access is defined by the on-site system administrator. A good example would be a fleet technician. They would have access to all work order related equipment data and screens related to work order updating.

## Fleet Level Security

A fleet level group will be able to see fleet level data based on the fleet the user is assigned. This means a user will have access all departments assigned to the fleet. A good example of this would be a police fleet chief. The police fleet chief will have responsibility over many different departments. For example patrol, detective, undercover or other police related activities. Any department assigned to the police fleet will show for the fleet level user. The system access is defined by the on-site system administrator. Reports will be restricted based on the data level assignment and will only see the reports defined by the on-site system administrator.

## Department Level Security

A department level group will only be able to see data based on the department the user is assigned. This is the lowest level data access that can be defined for a security group. This would be for a department head or a user responsible for equipment with-in a specific department. As with other groups system access is defined by the on-site system administrator. Reports will be restricted based on the data level assignment and the user will only see reports defined by the on-site system administrator.





# Flagship Fleet Management

We lead the way...

## Fleet & Departmental Access

Depending on the assignment of the user login into the system they will get different access to the system. Notice, there are not as many buttons/icons across the navigation bar at the top of this screen versus the screen shot on example below. On the equipment selection screen this user has access to only 11 equipment units. Users are also associated to different Report Groups, so they only get the appropriate information assigned to them. Transparency is important, but a legal services department manager has no need to run labor or shop performance analysis reports.

<div><div><div></div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div>Equipment Selection Mike Hinkle</div></div><div></div></div></div>																					
Query Type: EQ Number		Query Value: <input type="text"/>			Status: ALL		Sort: Equipment Number				11 records selected										
<div><div></div><div></div></div>																					
EQ Edit	EQ Info	WO Req	# Req	PM WO Days	EQ #	License	Current Meter	Serial #	Class	Rate	Dept	User	Status	Equipment Description		Year	Make	Model			
					1	821	3060	EX51704	51,324	1GBHK34D08E287710	3001	1000	150050		-	-	A	1 TON 4X4 CAB AND CHASSIS	2006	CHEVROLET	K 2600 4X4 C/C
					1	345	2693	170 VDG	43,955	3GN3K26K8G131218	1000	1000	150050		-	-	A	3/4 TON 4X4 FULL SIZE SUV 5.0 LT REG P.P	2006	CHEVROLET	SUBURBAN
					1	394	2673	750 SQF	83,317	3GN3K26U750245872	1000	1000	150050		-	-	A	3/4 TON 4X4 FULL SIZE SUV 5.0 LT REG P.P	2006	CHEVROLET	SUBURBAN
					1	818	2652	019 NCR	118,140	1FMZU73W13ZB05694	1000	1000	150050		-	-	A	4 DOOR 4X4 MED SIZE SUV V-8 U/C UNLEAD	2003	FORD	EXPLORER V-8
					-	422	2648	865 XZV	105,942	1FMJU1J54CE00896	1000	1000	150050		-	-	MR	2012 FORD EXPLORER 4 DOOR 4X4 SUV DUI	2012	FORD	EXPEDITION
					1	1,072	2641	995 TEA	89,890	1GKDT136832291389	1000	1000	150050		-	-	A	2003 GMC ENVY 4 DOOR 4X4 SUV	2003	GMC	ENVY
					1	-	2632	007 RZT	97,726	1GNUMAE08AR193487	1000	1000	150050		-	-	A	1/2 TON FULL SIZE 4X4 SUV UNDER COVER	2010	CHEVROLET	TAHOE P.P 5.3 L
					1	744	1492	937 PBG	27,692	1G1ZS58N37F281186	1000	1000	150050		NEW 4		A	MED SIZE 4 DOOR SEDAN NEW BODY U/C	2007	CHEVROLET	MALIBU
					-	763	1191	228 PBS	38,900	1B3EL46X36N250844	1000	1000	150050		Jeff Steinmetz	ID	ID	MED SIZE 4 DOOR SEDAN UNLEADED REG	2006	DODGE	STRATUS 4 DOOR
					1	855	1008	732 SQN	43,335	1B3EL46X35N844371	1000	1000	150050		-	-	A	MED SIZE SEDAN U/COVERE P.P UNLEADED	2005	DODGE	STRATUS 4 DOOR
					-	370	0114	-	-	01	NA	1000	150050		-	-	I	SHERIFF FUEL CARD	2009	MISC FUEL	FUEL CHARGE

Below this user is limited to a read only view of the work orders. They have full search capability to the department assigned equipment, but they can not update any of the information on the work order. The work order edit button is removed from the screen.

Flagship Fleet

Dash

Replace

Barcode Entry

Equip Select

Motor Pool

Work Orders

Equip. Sched.

Report Center

Work Order Center (WIC)

Mike Hinkle

STOP

Query Type:

Equipment

Location:

06

Start Date:

10/18/13

End Date:

11/08/13

EQ #:

3060

Task Code:

WO #:

WO Type:

Open

Query WIC Select

18 records selected

WO #	EQ #	Assigned	Job Type	Reason	Status	Meter	Open Date	Finish Date	Close Date	Down Hrs	Labor	Parts \$	Sublet \$	Total \$
01-2011-03580	3060	-	PM	E	CLOSED P	49,254	08/09/11	08/11/11	08/16/11	10	\$311.60	\$0.00	\$0.00	\$311.60
01-2011-03579	3060	-	Repair	P	CLOSED	49,254	08/09/11	08/10/11	08/11/11	8	\$272.65	\$187.32	\$0.00	\$459.97
01-2011-03578	3060	-	PM	B	CLOSED P	49,100	07/28/11	08/09/11	08/09/11	96	\$274.31	\$176.84	\$0.00	\$451.15
03-2011-01367	3060	-	PM	B	CLOSED	46,845	05/10/11	05/10/11	06/08/11	48	\$150.55	\$182.83	\$0.00	\$333.38
01-2011-03577	3060	-	PM	B	CLOSED	46,284	04/08/11	04/08/11	04/08/11	0	\$103.26	\$0.00	\$0.00	\$103.26
01-2011-03576	3060	-	PM	B	CLOSED	45,590	03/07/11	03/07/11	03/10/11	0	\$103.26	\$8.95	\$0.00	\$112.21
01-2011-03575	3060	-	PM	E	CLOSED	43,550	01/05/11	01/05/11	01/06/11	0	\$68.84	\$7.90	\$0.00	\$76.74
01-2011-03574	3060	-	Repair	P	CLOSED	43,550	01/05/11	01/05/11	01/07/11	0	\$240.94	\$134.23	\$0.00	\$375.17
01-2010-04067	3060	-	PM	E	CLOSED	38,000	01/21/10	01/22/10	01/22/10	1	\$134.00	\$0.00	\$640.59	\$775.19
01-2010-04069	3060	-	PM	A	CLOSED	38,000	01/21/10	01/21/10	01/22/10	8	\$33.55	\$0.00	\$0.00	\$33.55
01-2010-04068	3060	-	Repair	P	CLOSED	35,149	01/21/10	01/21/10	01/22/10	0	\$168.25	\$164.41	\$0.00	\$332.66
01-2009-04882	3060	-	PM	W	CLOSED C	28,160	01/02/09	01/05/09	01/09/09	2	\$178.15	\$17.76	\$0.00	\$195.91
01-2009-04881	3060	-	Repair	P	CLOSED	28,160	01/02/09	01/05/09	01/09/09	7	\$178.13	\$88.93	\$0.00	\$267.06
01-2008-05214	3060	-	PM	C	CLOSED	24,799	10/06/08	10/07/08	11/06/08	2	\$106.88	\$0.00	\$0.00	\$106.88
01-2008-05213	3060	-	PM	C	CLOSED	24,470	10/03/08	10/03/08	11/06/08	1	\$71.25	\$4.34	\$0.00	\$75.59
01-2008-05212	3060	-	Repair	P	CLOSED	22,000	08/07/08	08/07/08	08/15/08	6	\$178.13	\$122.21	\$0.00	\$300.34
01-2008-05211	3060	-	PM	B	CLOSED	16,080	02/06/08	02/06/08	02/06/08	0	\$173.56	\$11.55	\$0.00	\$185.11
01-2008-05210	3060	-	Repair	P	CLOSED	16,080	02/06/08	02/06/08	02/06/08	0	\$202.48	\$116.09	\$0.00	\$317.57







## Forgot Password



Flagship Fleet

Flagship Fleet Management, LLC  
<http://www.flagshipfleet.com>

### Flagship Fleet Management

Phil Raffel  
602-954-9099  
8021 N. 9th Avenue  
Phoenix, AZ 85021

Login

Password (*case sensitive*)

Login

Forgot Password

A typical department head will only look at this data once or twice a month. For this infrequent user we have added the "Forgot Password" button. If the user forgot their password the system can send it to them. The end user gets the needed information and you get one less phone call requesting report information.





## Dashboards

*Out –Of-The Box performance management tools allows you to manage your fleet now!*

For years we have been working with the best fleet managers in the country to define the the Key Performance Indicators that are important in every fleet operation. At a glance all levels of shop performance are at the finger tips of each fleet system user.

Each view can be tailored to the shop, department or class of equipment. This gives the user all the flexibility they need to view the data that is important to them. Each Dashboard allows you to view the current status and see the trends of your activity monthly for any 12 month period you choose. Have questions about any metric? It's easy to drill down to any detail!

## Current Shop Status

This might be the morning coffee screen for the shop manager. The shop manager can see how many open work orders they have and what type they are. From each dashboard the shop manager can drill down to any one of the performance indicators, down to the work order detail level. .

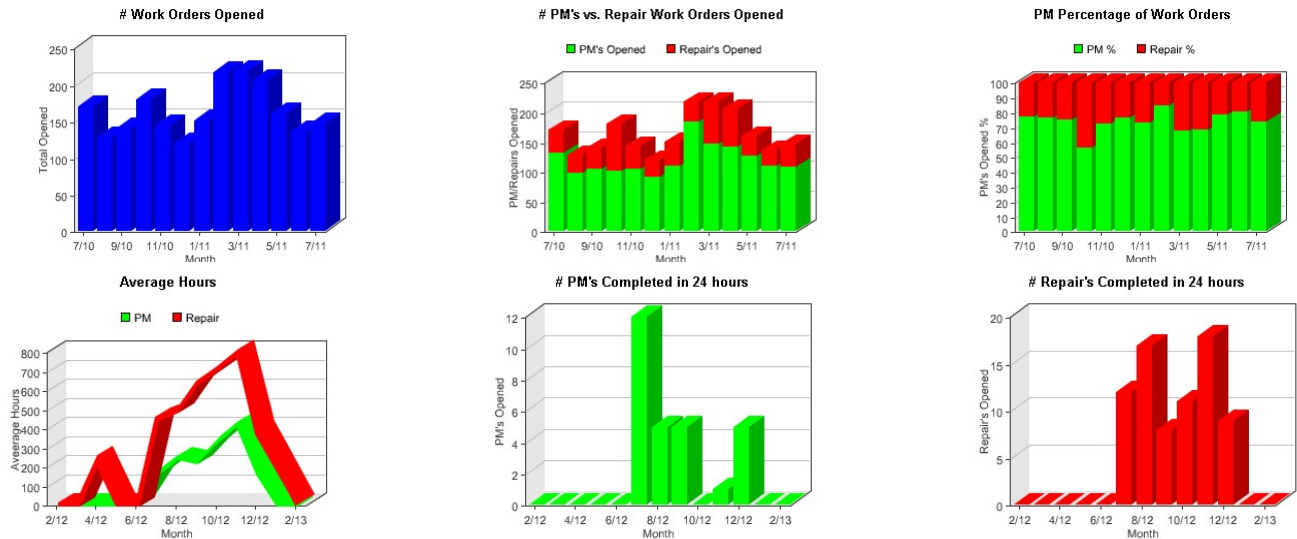
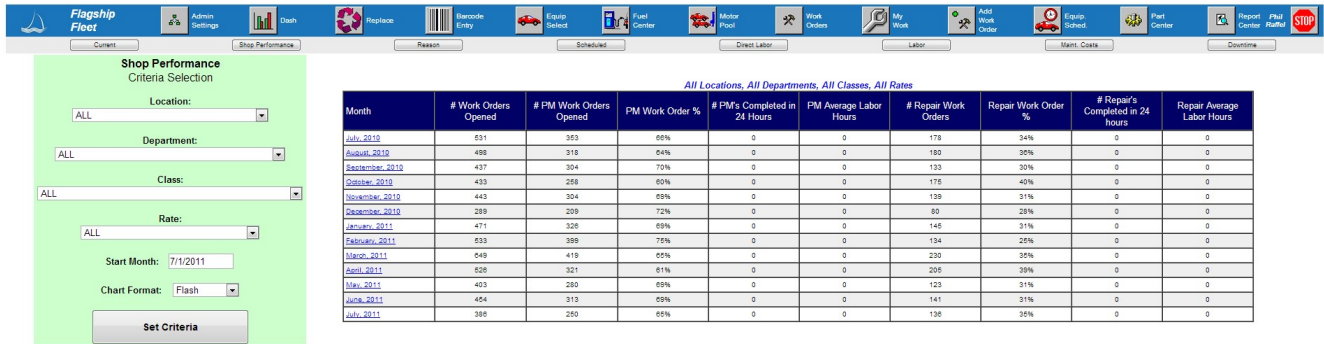
The oldest work orders are always highlighted at the bottom of the list so they are not forgotten!





## Shop Performance

Shop Performance looks at the trend of PM vs. Repair work orders, how many are completed and if they were completed in a timely manner. Each month has a work order drill down specific to that months data.



## Work Order Drill Down

Each work order number or month is a hyperlink. This will allow the user to drill from monthly summary data down to the specific work order. The work order summary is sorted by work order value; the most expensive one is always at the top of the list. The more expensive work orders usually hold the most interest. From here the user can open work orders to view or even update them. There is also a link allowing quick update to the equipment master if needed.





# Flagship Fleet Management

We lead the way...

All Locations Work Orders Opened in the month of December, 2010 250 Work Order(s)																
WO #	WO #	EQ #	Job Type	Reason	Work Class	Status	Meter	Open Date	Finish Date	Close Date	Down Hrs	Labor Hrs	Labor	Parts \$	Sublet \$	Total \$
04-2010-00688	5525	PM	M	SCHEDULED	CLOSED C		153	12/08/10	01/27/11	02/10/11	400.0	38.1	\$2,461.02	\$26,256.06	\$0.00	\$28,937.08
01-2010-04213	5743	PM	B	NON-SCHEDULED	CLOSED L		3,135	12/17/10	03/03/11	03/03/11	609.0	63.0	\$4,336.92	\$6,623.84	\$0.00	\$10,959.86
01-2010-00579	5396	PM	S	NON-SCHEDULED	CLOSED		96,289	12/15/10	12/22/10	12/29/10	72.0	13.0	\$891.63	\$6,256.38	\$0.00	\$7,147.92
01-2010-00394	5054	PM	S		CLOSED P		98,728	12/09/10	01/13/11	01/14/11	280.0	59.0	\$4,081.50	\$981.40	\$220.00	\$5,283.00
01-2010-00388	5498	PM	Z	NON-SCHEDULED	CLOSED		2	12/02/10	12/20/10	12/29/10	0.0	0.0	\$344.20	\$3,307.71	\$989.00	\$4,640.91
01-2010-00720	5522	PM	B	NON-SCHEDULED	CLOSED P		11,805	12/02/10	01/18/11	01/21/11	232.0	26.0	\$1,789.16	\$2,276.81	\$0.00	\$4,065.97
11-2010-00685	54437	PM	Z	NON-SCHEDULED	CLOSED U		19,746	12/01/10	02/24/11	03/07/11	680.0	31.8	\$2,061.70	\$647.49	\$0.00	\$2,709.19
01-2010-03175	6262	PM	B		CLOSED		7,589	12/10/10	12/10/10	12/10/10	0.0	0.0	\$34.42	\$2,687.32	\$0.00	\$2,691.74
02-2010-02404	5349	PM	B	NON-SCHEDULED	CLOSED A		114,114	12/01/10	12/17/10	12/17/10	128.0	3.8	\$255.27	\$125.26	\$2,157.81	\$2,538.34
01-2010-00871	5786	PM	B	NON-SCHEDULED	CLOSED L		3,110	12/08/10	01/07/11	01/11/11	240.0	16.0	\$1,135.95	\$1,254.62	\$0.00	\$2,400.48
03-2010-00031	2602	PM	E	NON-SCHEDULED	CLOSED B		47,620	12/02/10	12/16/10	01/27/11	112.0	11.7	\$765.91	\$1,397.30	\$235.80	\$2,399.01
05-2010-00892	5518	PM	C	SCHEDULED	CLOSED		6,742	12/03/10	12/08/10	12/08/10	40.0	6.0	\$413.04	\$1,655.00	\$0.00	\$1,968.10





## Repair Reason

Your mission is to maintain a safe fleet, cost effectively. It is important for upper management to understand why they need to support the fleet management operation, rather than contracting out to a quick lube operation.

During regularly scheduled PM's your technicians will identify, note and repair any and all issues (including safety issues that would have not been taken care of in a quick lube service.

Flagship Fleet

Admin SettingsDashReplaceBarcode EntryEquip SelectFuel CenterMotor PoolWork OrdersMy WorkAdd Work OrderEquip SchedPart CenterReport CenterPhl CenterSTOP

CurrentShop PerformanceReasonScheduledDirect LaborLaborMaint CostsDowntime

Reason

Criteria Selection

Location: ALL

Department: ALL

Class: ALL

Rate: ALL

Start Month: 7/1/2011

Chart Format: Flash

Set Criteria

All Locations, All Departments, All Classes, All Rates

Month	# Work Orders Opened	# PM WO's	# Noted in PM WO's	# Repair WO's	PM WO Hours	Noted in PM WO Hours	Repair WO Hours
July, 2010	531	110	77	344	246	330	1,016
August, 2010	408	102	66	330	218	241	906
September, 2010	437	83	67	287	182	232	953
October, 2010	433	79	39	315	161	149	1,024
November, 2010	443	81	46	316	163	240	939
December, 2010	299	46	28	216	91	103	791
January, 2011	471	85	57	329	186	204	1,072
February, 2011	523	91	61	381	180	192	1,106
March, 2011	646	126	78	446	273	287	1,375
April, 2011	526	117	72	337	253	303	1,166
May, 2011	403	75	50	278	160	165	1,303
June, 2011	464	78	52	326	194	190	1,294
July, 2011	386	71	53	262	161	299	926

Work Order Count

PM Count NPM Count Repair Count

Work Order Hours

PM Hours NPM Hours Repair Hours

[www.flagshipfleet.com](http://www.flagshipfleet.com)

Contact:  
Jeff Steinmetz  
949-636-9859

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## Scheduled vs. Un-Scheduled work

The more scheduled work completed vs. un-scheduled work the healthier & more efficient your fleet operation. Proactive/scheduled rather than re-active/un-scheduled work leads to more shop and labor efficiencies. Fleet and shop managers can see how well they are doing monthly over the last 12 months. If any of the monthly numbers look off the user can drill down into each month and review each work order already sorted highest to lowest.



**Scheduled Criteria Selection**

Location:

Department:

Class:

Rate:

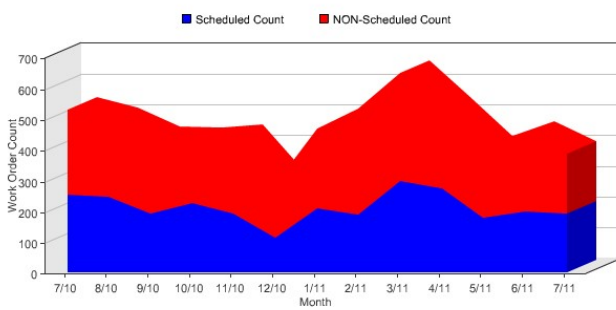
Start Month:

Chart Format:

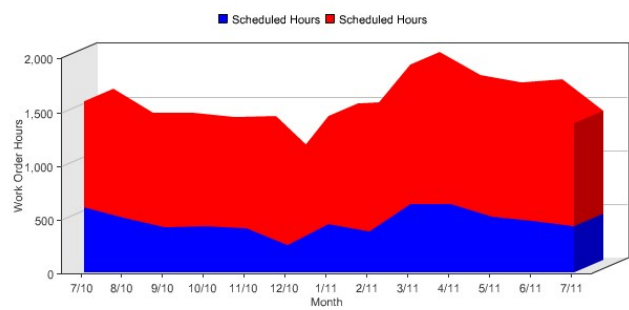
All Locations, All Departments, All Classes, All Rates

Month	# Work Orders Opened	# Scheduled WO's	Scheduled %	# NON-Scheduled WO's	NON-Scheduled %	Scheduled WO Hours	NON-Scheduled WO Hours
July, 2010	531	253	48%	278	52%	606	866
August, 2010	498	247	50%	251	50%	517	852
September, 2010	437	192	44%	245	56%	424	944
October, 2010	433	226	52%	207	48%	438	887
November, 2010	443	192	43%	251	57%	415	927
December, 2010	289	114	39%	175	61%	283	721
January, 2011	471	209	44%	262	56%	451	1,012
February, 2011	533	190	36%	343	64%	385	1,093
March, 2011	648	298	46%	351	54%	644	1,281
April, 2011	526	275	52%	251	48%	639	1,084
May, 2011	403	179	44%	224	56%	524	1,134
June, 2011	454	199	44%	255	56%	481	1,197
July, 2011	386	192	50%	194	50%	439	948

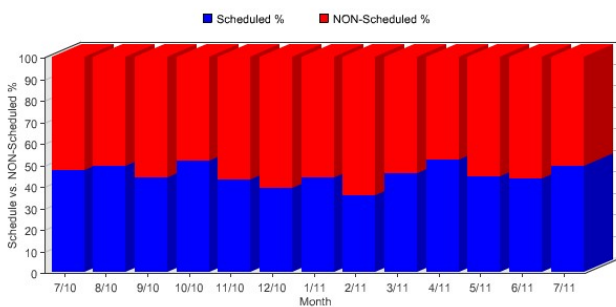
Work Order Count



Work Order Hours



Schedule vs. NON-Scheduled %





## Direct vs. In-Direct Labor

For your mechanics, turning wrenches is the most efficient and cost effective use of their time, so it is important to track indirect labor. This can include, picking up parts, shop clean up, etc. Shop clean-up is important, but not if it takes up 50% of your labor resources. Just knowing this is viewable to management is a motivation to the shop techs to spend more time turning wrenches.



**Direct Labor**  
Criteria Selection

Location:

Department:

Class:

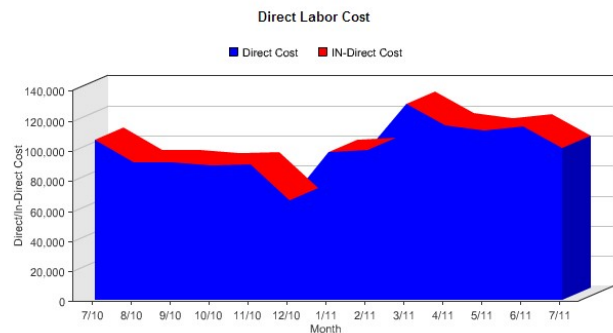
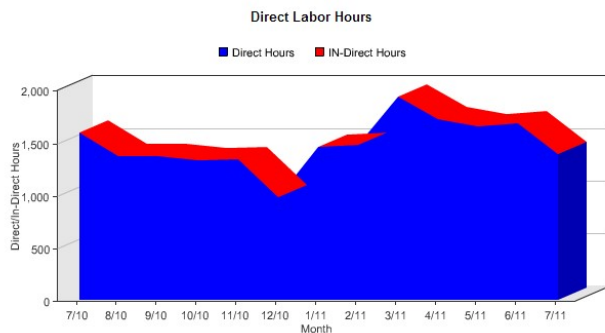
Rate:

Start Month:

Chart Format:

*All Locations, All Departments, All Classes, All Rates*

Month	# Work Orders Opened	Total Labor Hours	Direct Labor Hours	IN-Direct Labor Hours	Direct Labor Hours %	Total Labor Cost	Direct Labor Cost	IN-Direct Labor Cost	Direct Labor Cost %
July, 2010	531	1,592	1,592	0	100%	\$106,968.45	\$106,968.45	\$0.00	100%
August, 2010	498	1,369	1,369	0	100%	\$91,995.72	\$91,995.72	\$0.00	100%
September, 2010	437	1,368	1,368	0	100%	\$92,148.60	\$92,148.60	\$0.00	100%
October, 2010	433	1,334	1,334	0	100%	\$89,862.76	\$89,862.76	\$0.00	100%
November, 2010	443	1,342	1,342	0	100%	\$90,825.18	\$90,825.18	\$0.00	100%
December, 2010	289	984	984	0	100%	\$66,612.77	\$66,612.77	\$0.00	100%
January, 2011	471	1,462	1,462	0	100%	\$98,614.08	\$98,614.08	\$0.00	100%
February, 2011	533	1,478	1,478	0	100%	\$99,881.40	\$99,881.40	\$0.00	100%
March, 2011	649	1,935	1,935	0	100%	\$130,864.91	\$130,864.91	\$0.00	100%
April, 2011	526	1,723	1,723	0	100%	\$116,693.81	\$116,693.81	\$0.00	100%
May, 2011	403	1,658	1,658	0	100%	\$112,871.50	\$112,871.50	\$0.00	100%
June, 2011	454	1,679	1,679	0	100%	\$115,649.22	\$115,649.22	\$0.00	100%
July, 2011	386	1,386	1,386	0	100%	\$101,432.01	\$101,432.01	\$0.00	100%





# Flagship Fleet Management

We lead the way...

## Labor Costs

### PM vs. Repair

See the impact of your push to get PM's completed in a timely manner. As with most of the dashboard charts the more green the better.



**Labor Criteria Selection**

Location:

Department:

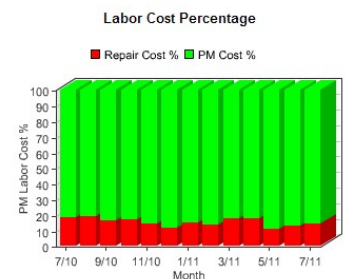
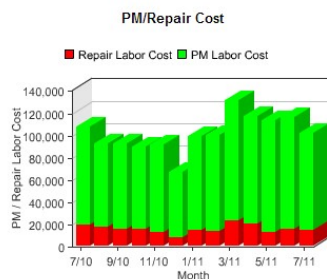
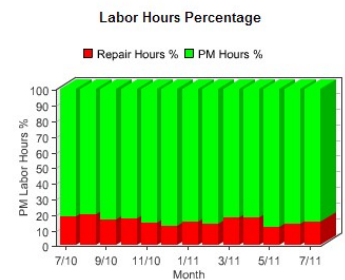
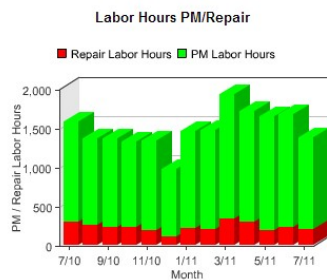
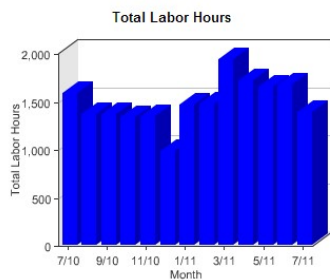
Class:

Rate:

Start Month:

Chart Format:

All Locations, All Departments, All Classes, All Classes									
Month	# Work Orders Opened	Total Labor Hours	PM Labor Hours	Repair Labor Hours	PM's Hours Percentage	Total Labor Cost	PM Labor Cost	Repair Labor Cost	PM's Cost Percentage
July_2010	531	1,592	1,284	297	81%	\$105,958.45	\$87,103.65	\$19,854.80	81%
August_2010	498	1,369	1,101	268	80%	\$91,990.72	\$74,115.30	\$17,880.42	81%
September_2010	437	1,368	1,138	230	83%	\$92,148.00	\$76,784.05	\$15,364.55	83%
October_2010	433	1,334	1,103	231	83%	\$89,862.76	\$74,301.56	\$15,561.20	83%
November_2010	443	1,342	1,145	198	85%	\$90,825.18	\$77,628.73	\$13,196.45	85%
December_2010	289	984	803	121	88%	\$66,612.77	\$58,557.42	\$8,055.35	88%
January_2011	471	1,462	1,238	224	85%	\$98,614.08	\$83,884.04	\$14,950.04	85%
February_2011	533	1,478	1,273	205	86%	\$99,881.40	\$86,177.21	\$13,704.19	86%
March_2011	649	1,935	1,591	344	82%	\$130,864.91	\$107,831.17	\$23,033.74	82%
April_2011	526	1,723	1,417	307	82%	\$116,893.81	\$96,185.59	\$20,508.22	82%
May_2011	403	1,658	1,465	193	88%	\$112,871.50	\$100,004.08	\$12,867.42	89%
June_2011	454	1,679	1,449	230	86%	\$115,848.22	\$100,234.26	\$15,414.96	87%
July_2011	386	1,386	1,179	207	85%	\$101,432.01	\$86,725.19	\$14,706.82	86%





# Flagship Fleet Management

We lead the way...

## Parts & Labor Costs

### PM vs. Repair

Repair parts tend to be much more expensive than PM parts. More cost effective to maintain the drive train than replace it.



**Maint. Costs**  
Criteria Selection

Location:

Department:

Class:

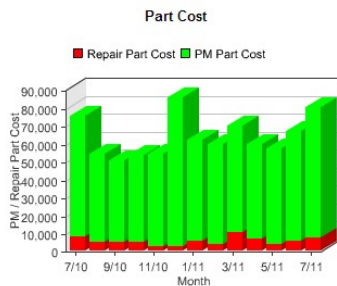
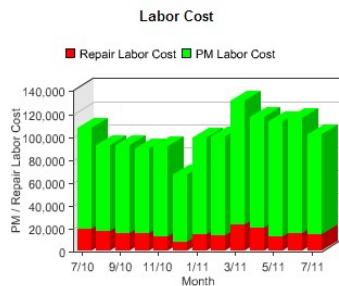
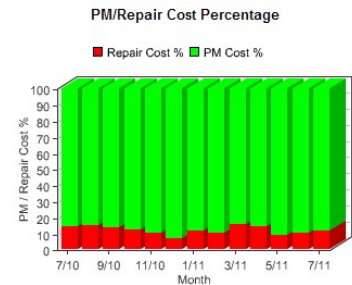
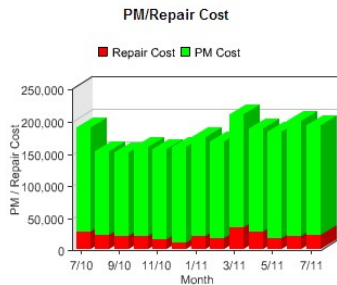
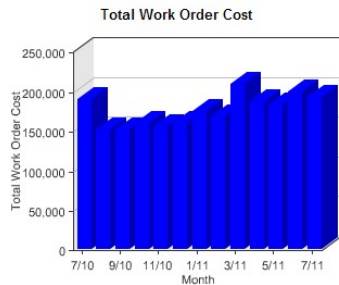
Rate:

Start Month:

Chart Format:

All Locations, All Departments, All Classes, All Rates

Month	# Work Orders Opened	Total Work Order Cost	PM Cost	Repair Cost	PM Cost Percentage	PM Labor Cost	Repair Labor Cost	PM Parts Cost	Repair Parts Cost	PM Commercial Cost	Repair Commercial Cost
July, 2010	531	\$189,987.03	\$162,029.72	\$27,957.31	85%	\$87,103.65	\$19,864.80	\$67,598.91	\$7,977.51	\$7,327.16	\$115.00
August, 2010	498	\$152,332.36	\$129,270.83	\$23,061.53	85%	\$74,115.30	\$17,880.42	\$49,355.15	\$5,021.11	\$5,790.38	\$160.00
September, 2010	437	\$151,775.10	\$131,047.84	\$20,727.26	86%	\$76,794.05	\$15,354.55	\$45,551.56	\$5,352.71	\$8,702.23	\$20.00
October, 2010	433	\$160,064.73	\$139,610.46	\$20,454.27	87%	\$74,301.56	\$15,561.20	\$48,678.11	\$4,673.07	\$10,630.79	\$20.00
November, 2010	443	\$156,176.53	\$140,312.58	\$15,863.95	90%	\$77,629.73	\$13,195.45	\$51,743.65	\$2,558.50	\$10,939.20	\$110.00
December, 2010	289	\$159,947.08	\$149,099.16	\$10,847.92	93%	\$68,557.42	\$8,055.35	\$83,027.38	\$2,757.67	\$7,514.35	\$35.00
January, 2011	471	\$174,807.88	\$153,726.10	\$21,081.78	88%	\$83,064.04	\$14,950.04	\$55,500.86	\$5,896.74	\$13,061.20	\$235.00
February, 2011	533	\$168,151.67	\$150,135.62	\$18,016.15	89%	\$86,177.21	\$13,704.19	\$56,071.13	\$4,116.96	\$7,887.18	\$195.00
March, 2011	649	\$209,793.53	\$175,913.82	\$33,879.71	84%	\$107,831.17	\$23,033.74	\$59,754.83	\$10,740.97	\$8,317.82	\$105.00
April, 2011	526	\$187,971.37	\$160,494.89	\$27,476.38	85%	\$86,185.59	\$20,508.22	\$52,844.70	\$6,723.16	\$11,384.70	\$245.00
May, 2011	403	\$183,915.46	\$166,596.05	\$16,919.40	91%	\$100,004.08	\$12,867.42	\$53,679.86	\$4,051.88	\$13,312.12	\$0.00
June, 2011	454	\$199,983.63	\$178,367.72	\$21,615.91	89%	\$100,234.26	\$15,414.96	\$61,300.07	\$8,025.95	\$10,833.39	\$175.00
July, 2011	386	\$192,736.60	\$170,572.78	\$22,163.82	89%	\$86,725.19	\$14,706.82	\$73,193.57	\$7,417.00	\$10,654.02	\$40.00







# Flagship Fleet Management

We lead the way...

## Downtime

Downtime starts by default when a work order is opened and stops when the work is finished. Delays can consist of waiting for parts, labor, a bay or any specified delay that your shop needs to track. We calculate downtime based on a 24/7, shop location and department hours time clock. With some systems this can take weeks or months. Now you have the data analysis available in seconds, for all functional areas with drill down capabilities by month down to the work order.



**Downtime Criteria Selection**

Location:

Department:

Class:

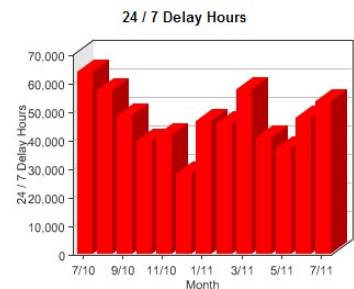
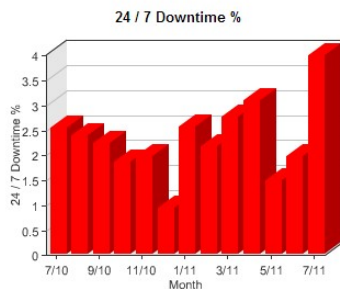
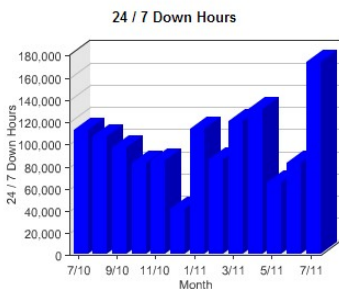
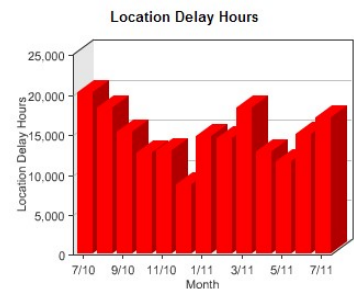
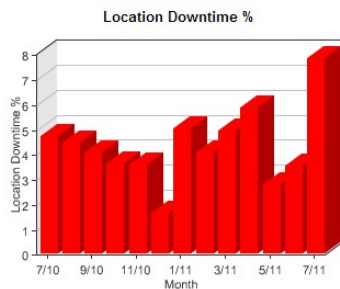
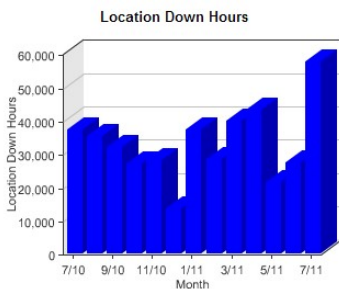
Rate:

Start Month:

Chart Format:

All Locations, All Departments, All Classes, All Rates

Month	Assigned Equipment (EQ)	# Work Orders	24/7 Hours	24/7 Hours * #EQ	24/7 Down Hours	24/7 Delay Hours	24/7 Down %	24/7 Delay %	Location Hours	Location Hours * #EQ	Location Down Hours	Location Delay Hours	Location Down %	Location Delay %
July, 2010	748	531	5,952	4,452,096	112,659	54,171	2.5%	1.4%	1,055	789,888	37,424	20,312	4.7%	2.6%
August, 2010	750	498	5,952	4,464,000	106,181	57,553	2.4%	1.3%	1,055	792,000	35,296	18,320	4.5%	2.3%
September, 2010	748	437	5,760	4,308,480	96,350	48,754	2.2%	1.1%	1,055	789,888	32,032	15,336	4.1%	1.9%
October, 2010	745	433	5,952	4,440,192	82,188	39,857	1.9%	0.9%	1,008	761,968	27,232	12,640	3.6%	1.7%
November, 2010	745	442	5,760	4,291,200	84,591	41,747	2.0%	1.0%	1,055	786,720	28,184	13,048	3.6%	1.7%
December, 2010	742	289	5,952	4,416,384	41,127	28,089	0.9%	0.6%	1,104	819,168	13,672	8,736	1.7%	1.1%
January, 2011	737	471	5,952	4,386,624	112,749	46,921	2.6%	1.1%	1,008	742,896	37,496	14,760	5.1%	2.0%
February, 2011	736	533	5,376	3,956,736	85,892	45,831	2.2%	1.2%	960	706,560	28,584	14,488	4.1%	2.1%
March, 2011	733	649	5,952	4,362,816	120,180	57,824	2.8%	1.3%	1,104	809,232	39,952	18,960	4.9%	2.3%
April, 2011	734	526	5,760	4,227,840	130,817	40,943	3.1%	1.0%	1,008	739,872	43,408	12,776	5.9%	1.7%
May, 2011	733	403	5,952	4,362,816	64,941	37,009	1.6%	0.9%	1,055	774,048	21,576	11,608	2.8%	1.5%
June, 2011	731	454	5,760	4,210,560	82,564	47,944	2.0%	1.1%	1,055	771,936	27,424	15,024	3.6%	2.0%
July, 2011	733	386	5,952	4,362,816	173,981	53,655	4.0%	1.2%	1,008	738,864	67,944	17,144	7.8%	2.3%





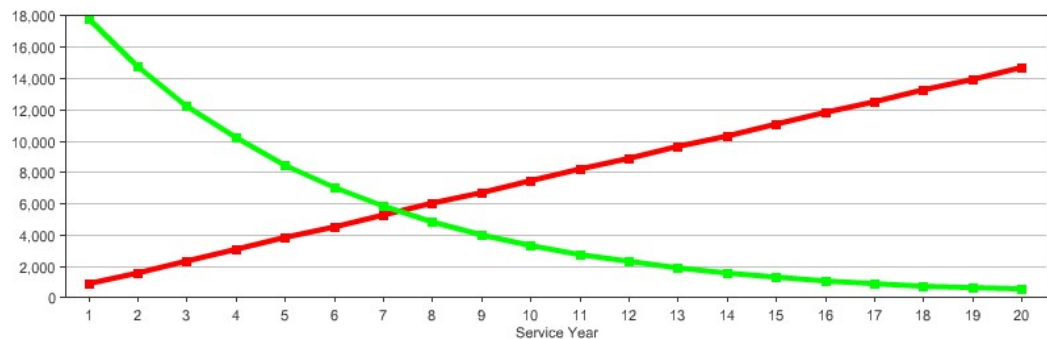
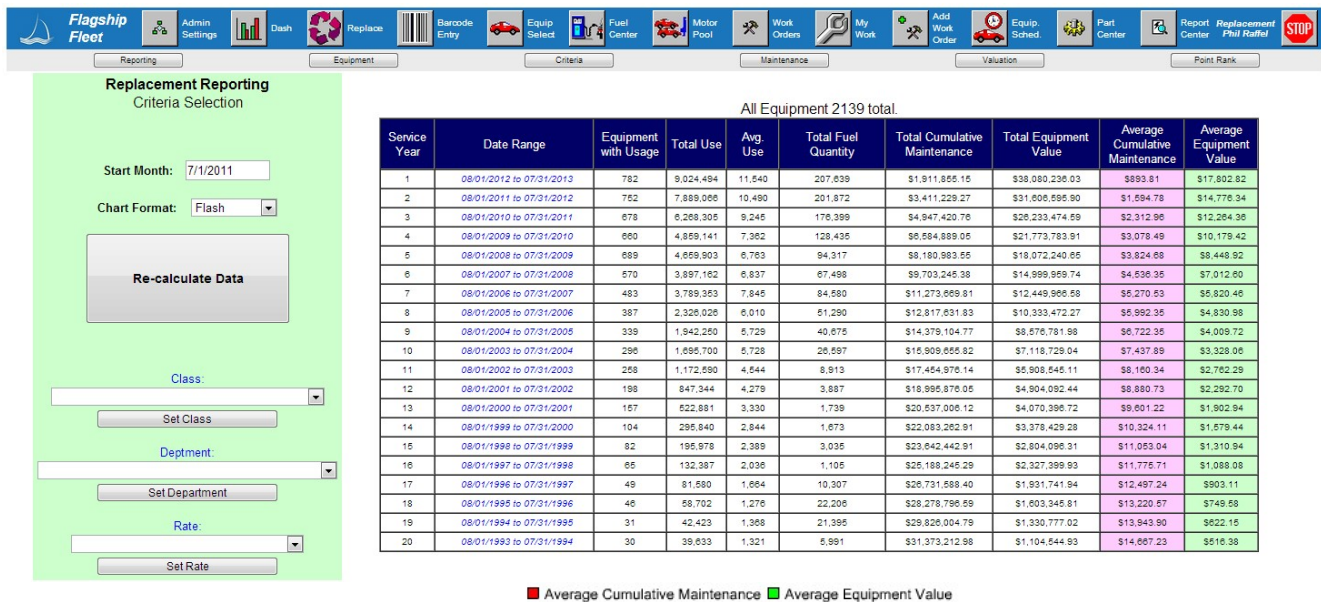


## Replacement Analysis

### Diminishing Point of Returns Analysis

From experience, you know when equipment should be replaced. Your biggest challenge is how to sell upper management it is better to spend now than to run an aging fleet. Optimally, managing the replacement of equipment can be the single most cost cutting measure you can do.

The general accepted way to determine the optimal replacement point is where cumulative maintenance cost starts to out-run the market value of the asset. Critical to looking at replacement is that each class of equipment in different agencies can show a different point of optimal equipment replacement. The optimal replacement point is the point where the declining market valuation of the vehicle reaches the running sum of maintenance expense.



## Ranking Equipment Detail

Quickly see the line by line detail of each equipment unit with point scoring. Our scoring method for replacement provides a more simplistic method for figuring when equipment should be replaced. This method ranks equipment from worst to best based on several factors. The higher the score, the more likely the equipment is due for replacement.

To get closer to what you are looking for you can sort on a column heading in the equipment ranking. click on an equipment unit number to see the full detail of the costs related the equipment unit.



### Equipment Rank

Points are assigned based on service life, usage and maintenance totals. Equipment is grouped by class and ordered in descending order by total accumulated points. Equipment selected is based on settings on the Replacement Equipment and Criteria tabs.

Equip. #	Class	Rate	Year	Make	Model	Dest	Status	In Service	Life Months	Original Cost	Last Meter	Use In Study	Maint. Total	Maint. Cost Per MH	Fuel Value	Fuel Qty	Fuel Cost Per MH	Fuel MH Per Gallon	Age Point	Usage Point	Serv. Point	Reliability Point	Life Repair Point	Point Total
93946	A08	A08	2003	FORD	F150C	DOT	A	01/27/2003	60	\$24,621.26	193,209	149,899	\$26,077.61	\$0.17	\$12,138.68	3,922.3	\$0.03	38.2	11	16	0	2	12	41
95018	T16	T16	2005	STERLING	STERLING LT9500	DOT	A	03/30/2005	120	\$103,062.00	247,091	1,276,962	\$92,597.27	\$0.07	\$50,294.00	15,239.6	\$0.01	83.7	9	20	0	1	10	40
93942	A08	A08	2003	FORD	F150C	DOT	A	01/27/2003	60	\$24,621.26	186,276	138,671	\$19,168.30	\$0.14	\$9,346.62	3,088.2	\$0.02	44.9	11	15	0	5	8	39
93085	A09	A09	2003	FORD	F350C	DOT	A	04/22/2003	60	\$21,299.60	141,502	104,267	\$22,331.35	\$0.21	\$13,128.05	4,306.5	\$0.04	24.2	11	11	0	2	12	36
93046	A07	A07	2003	FORD	F150	DOT	A	02/03/2003	60	\$15,638.60	78,955	67,407	\$7,822.60	\$0.12	\$9,495.19	3,005.8	\$0.04	22.4	11	6	0	13	6	36
97326	A07	A07	2007	FORD	F150	DOT	A	07/20/2007	60	\$16,648.00	73,734	64,428	\$3,221.33	\$0.05	\$6,778.89	2,205.9	\$0.03	29.2	6	6	0	20	2	34
92016	T23	T23	2002	FORD	F650	DOT	A	10/30/2001	84	\$57,119.00	97,246	60,824	\$54,972.69	\$1.07	\$9,987.63	2,959.9	\$0.05	20.6	12	8	0	2	12	34
94947	A09	A09	2004	FORD	F350C	DOT	A	05/04/2004	60	\$20,995.00	102,313	91,431	\$21,603.37	\$0.24	\$9,882.33	3,220.2	\$0.04	28.4	10	8	0	3	12	33
93083	A09	A09	2003	FORD	F350C	DOT	A	04/22/2003	60	\$21,299.60	130,484	103,993	\$17,626.41	\$0.17	\$12,894.31	4,238.4	\$0.04	24.5	11	10	0	2	10	33
91089	T23	T23	2001	FORD	F650	DOT	A	05/31/2001	84	\$70,161.40	97,089	626,881	\$58,134.86	\$0.09	\$17,580.36	5,199.0	\$0.01	120.4	13	8	0	2	10	33
94100	A07	A07	2004	FORD	F150X	DOT	A	04/13/2004	60	\$16,082.00	135,245	126,256	\$9,011.91	\$0.07	\$9,941.06	3,245.0	\$0.03	38.9	10	11	0	5	6	32
91119	T07	T07	2001	FORD	F650	DOT	A	08/17/2001	120	\$66,984.32	103,790	759,692	\$57,437.47	\$0.08	\$5,489.26	1,885.5	\$0.09	406.7	12	8	0	2	10	32
92657	A07	A07	2002	FORD	F150X	DOT	A	04/25/2002	60	\$15,545.95	104,547	61,838	\$9,400.36	\$0.15	\$4,058.83	1,314.0	\$0.02	47.1	12	8	0	3	8	31
91127	T19	T19	2001	STERLING	STERLING M6500	DOT	A	12/07/2001	84	\$93,494.36	121,208	704,034	\$72,147.53	\$0.10	\$7,899.76	2,467.9	\$0.00	286.3	12	10	0	1	8	31
93941	A08	A08	2003	FORD	F150C	DOT	A	01/27/2003	60	\$24,621.26	166,335	139,571	\$13,072.09	\$0.09	\$11,333.37	3,743.3	\$0.03	37.3	11	13	0	0	6	30
92006	T06	T06	2002	INT	4300 SBA LP 4x2	DOT	A	09/13/2001	120	\$60,987.00	61,189	349,668	\$44,356.81	\$0.13	\$3,194.35	979.1	\$0.00	357.1	12	5	0	5	8	30
91120	A09	A09	2001	FORD	F350X	DOT	A	08/03/2001	60	\$30,344.63	80,401	57,676	\$28,757.49	\$0.50	\$10,974.67	3,294.0	\$0.06	17.5	12	6	0	2	10	30
93082	A09	A09	2003	FORD	F350C	DOT	A	04/22/2003	60	\$21,299.60	122,684	98,611	\$16,094.66	\$0.18	\$11,957.89	3,920.5	\$0.04	22.6	11	10	0	0	8	29
92018	T23	T23	2002	FORD	F650	DOT	A	10/30/2001	84	\$57,119.00	81,592	44,585	\$23,884.75	\$0.54	\$7,991.32	2,416.4	\$0.05	18.5	12	6	0	5	6	29
91124	T07	T07	2001	FORD	F650	DOT	A	10/02/2001	120	\$51,303.50	118,217	117,433	\$34,819.36	\$0.30	\$4,878.22	1,502.4	\$0.01	78.2	12	9	0	0	8	29
94110	A09	A09	2004	FORD	F350C	DOT	A	05/04/2004	60	\$20,995.00	130,372	120,460	\$12,855.68	\$0.11	\$16,386.06	5,346.9	\$0.04	22.5	10	10	0	0	8	28
93947	A07	A07	2003	FORD	F150	DOT	A	02/03/2003	60	\$15,638.60	126,556	93,842	\$8,230.31	\$0.09	\$7,382.33	2,424.5	\$0.03	38.7	11	10	0	1	6	28
97112	A07	A07	2007	FORD	F150	DOT	A	02/22/2007	60	\$12,800.00	87,432	78,774	\$3,586.44	\$0.05	\$7,995.93	2,538.5	\$0.03	31.0	7	7	0	9	4	27
94010	T19	T19	2004	FORD	F650	DOT	A	02/10/2004	84	\$72,286.62	86,624	89,651	\$51,719.40	\$0.58	\$16,050.66	4,924.3	\$0.05	18.2	10	8	0	1	8	27
93081	A09	A09	2003	FORD	F350C	DOT	A	04/22/2003	60	\$21,299.60	93,147	77,710	\$16,330.72	\$0.21	\$10,412.39	3,394.0	\$0.04	22.9	11	7	0	1	8	27
92003	T06	T06	2002	INT	4300 SBA LP 4x2	DOT	A	09/13/2001	120	\$60,987.00	80,395	413,671	\$49,682.32	\$0.12	\$12,719.57	3,861.9	\$0.01	107.1	11	8	0	0	10	27
91121	A09	A09	2001	FORD	F350X	DOT	A	08/03/2001	60	\$30,344.63	89,770	64,044	\$22,627.31	\$0.35	\$11,692.79	3,501.3	\$0.05	18.3	12	7	0	0	8	27
98010	T16	T16	2008	INT	7600	DOT	A	07/25/2007	120	\$128,310.00	172,474	685,284	\$56,028.69	\$0.10	\$55,954.65	16,951.4	\$0.02	40.6	6	14	0	0	6	26

## Scoring Factors

<b>Age</b>	Points are added to an equipment unit based on the time period for the in-service date and current date/time on the computer. The interval and point assigned are set by the user.
<b>Usage</b>	Points are assigned based on the current meter of the equipment and the meter class assignment. The range and points assigned are set for each meter class.
<b>Type of Service</b>	Additional points are assigned based on the class and department the equipment unit is assigned too.
<b>Reliability</b>	Reliability compares repair cost in the third year of service with the last full year of service. The third year repair cost is divided by the last full service year to come up with this ratio.
<b>Repair Cost</b>	One to Six points are assigned based on the total life to date repair cost divided into the original purchase price of the equipment. Additional weight can be applied to this category by using the multiplier.







# Flagship Fleet Management

We lead the way...

## Equipment Replacement 3D

Need to sit down and know all the reasons why to replace an equipment unit. Review the 3D report. This shows the diminishing point of returns, cost per mile year over year and the point scoring within the equipment class. This powerful reporting tool is ready to go out of the box!

### Flagship Fleet Equipment 3D Replacement

Equipment Number: 03047  
Year/Make/Model: 2003 / FORD / F150  
In Service Date: 02/03/2003  
Original Cost: \$15,538.50

#### Diminishing Point of Return



Service Year	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
EQ Labor Hours Cumulative	1	3	8	9	12	12	14	14	14	64	70	76	81	87	93	99	105	110	116	122
EQ Work Order Total Cumulative	327	485	1,052	1,346	1,890	2,251	2,455	2,455	2,455	8,230	8,979	9,727	10,475	11,223	11,971	12,720	13,468	14,216	14,964	15,712
CLASS Work Order Total Cumulative/Average	268	474	871	1,531	2,483	3,349	3,997	3,997	3,997	6,927	7,638	8,314	8,989	9,665	10,341	11,016	11,692	12,368	13,043	13,719
EQ Valuation	12,897	10,704	8,885	7,374	6,121	5,080	4,217	4,217	4,217	2,411	2,001	1,661	1,379	1,144	950	788	654	543	451	374
EQ Usage	-	5,103	5,388	8,094	14,384	17,029	14,283	14,283	14,283	7,892	-	-	-	-	-	-	-	-	-	-
CLASS Average Valuation	13,170	10,931	9,073	7,530	6,250	5,188	4,306	4,306	4,306	2,462	2,043	1,696	1,408	1,168	970	805	668	555	460	382

#### Cost Per Mile

Vehicle Year	Service Year	Miles/Hours	Shop Hours	Shop Labor	Shop Parts	Sublet	Maint. Total	Fuel Cost	Total Cost	Maint. CPM	Fuel CPM	Total CPM
1	2003	-	0.5	\$20.00	\$32.99	\$169.63	\$222.62	-	\$222.62	-	-	-
2	2004	5,103	2.0	\$87.60	\$70.12	-	\$157.62	-	\$157.62	\$0.03	-	\$0.03
3	2005	5,388	5.1	\$244.80	\$159.92	\$162.39	\$567.11	-	\$567.11	\$0.11	-	\$0.11
4	2006	8,094	0.4	\$19.60	\$115.61	\$159.14	\$294.35	-	\$294.35	\$0.04	-	\$0.04
5	2007	14,384	3.4	\$166.60	\$377.41	-	\$544.01	-	\$544.01	\$0.04	-	\$0.04
6	2008	17,029	0.2	\$9.80	\$129.70	\$220.91	\$360.41	-	\$360.41	\$0.02	-	\$0.02
7	2009	14,283	1.7	\$83.30	\$120.64	-	\$203.94	\$1,180.53	\$1,384.47	\$0.01	\$0.08	\$0.10
8	2010	9,788	20.2	\$1,188.50	\$1,016.78	-	\$2,205.28	\$2,045.47	\$4,250.75	\$0.23	\$0.21	\$0.43
9	2011	11,881	14.8	\$896.00	\$692.39	-	\$1,578.39	\$2,461.46	\$4,039.85	\$0.13	\$0.21	\$0.34
10	2012	7,892	14.9	\$1,012.50	\$845.13	\$134.40	\$1,992.03	\$1,694.87	\$3,686.90	\$0.25	\$0.21	\$0.47

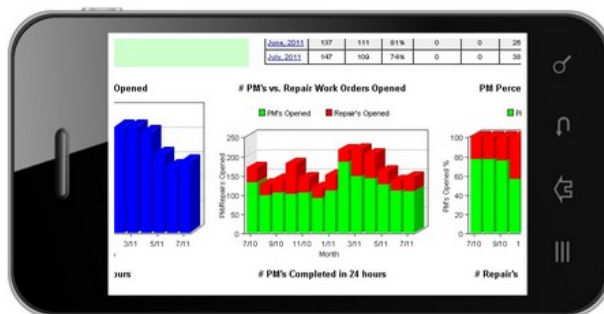
#### Point Scoring

Equip #	Class	Rate	Year	Make	Model	Dept	Status	In Service	Life Months	Original Cost	Last Meter	Use In Study	Maint. Total	Maint. Cost Per MH	Fuel Value	Fuel Qty	Fuel Cost Per MH	Fuel MH Per Gallon	Age Point	Usage Point	Srv. Srv. Point	Rel. Point	Life Repair Point	Point Total
03046	A07	A07	2003	FORD	F150	DOT	A	02/03/2003	60	\$15,538.50	78,855	67,407	\$7,922.60	\$0.12	\$9,495.19	3,005.8	\$0.04	22.4	11	6	0	13	6	36
07325	A07	A07	2007	FORD	F150	DOT	A	07/20/2007	60	\$16,649.00	73,734	64,426	\$3,221.33	\$0.05	\$6,778.88	2,206.9	\$0.03	29.2	6	6	0	20	2	34
04100	A07	A07	2004	FORD	F150X	DOT	A	04/13/2004	60	\$16,082.00	135,245	126,255	\$9,011.91	\$0.07	\$9,841.08	3,245.0	\$0.03	38.9	10	11	0	5	6	32
02067	A07	A07	2002	FORD	F150X	DOT	A	04/25/2002	60	\$15,545.95	104,547	61,838	\$9,400.35	\$0.15	\$4,059.83	1,314.0	\$0.02	47.1	12	8	0	3	8	31
03047	A07	A07	2003	FORD	F150	DOT	A	02/03/2003	60	\$15,538.50	126,556	93,842	\$8,230.31	\$0.09	\$7,382.33	2,424.5	\$0.03	38.7	11	10	0	1	6	28
07112	A07	A07	2007	FORD	F150	DOT	A	02/22/2007	60	\$12,800.00	87,432	78,774	\$3,586.44	\$0.05	\$7,995.93	2,536.5	\$0.03	31.0	7	7	0	9	4	27
04101	A07	A07	2004	FORD	F150X	DOT	A	04/13/2004	60	\$16,082.00	96,750	84,892	\$4,447.16	\$0.05	\$6,982.39	2,256.3	\$0.03	37.6	10	8	0	3	4	25
04118	A07	A07	2004	FORD	F150X	DOT	A	06/01/2004	60	\$16,082.00	100,508	85,625	\$6,146.03	\$0.07	\$4,966.77	1,637.0	\$0.02	52.3	9	8	0	2	4	23
04119	A07	A07	2004	FORD	F150X	DOT	A	06/22/2004	60	\$16,082.00	127,391	107,277	\$5,201.67	\$0.05	\$6,884.71	2,239.4	\$0.02	47.9	9	10	0	0	4	23
07279	A07	A07	2007	FORD	F150	DOT	A	05/18/2007	60	\$16,649.00	65,123	60,760	\$4,474.64	\$0.07	\$6,499.27	2,093.7	\$0.03	29.0	7	5	0	4	4	20
07277	A07	A07	2007	FORD	F150	DOT	A	05/18/2007	60	\$16,649.00	104,163	97,484	\$5,749.02	\$0.06	\$9,633.47	3,159.6	\$0.03	30.9	7	8	0	0	4	19
07324	A07	A07	2007	FORD	F150	DOT	A	07/20/2007	60	\$16,649.00	76,899	67,765	\$7,122.91	\$0.11	\$7,838.66	2,562.3	\$0.04	26.6	6	6	0	1	6	19
07111	A07	A07	2007	FORD	F150	DOT	A	02/22/2007	60	\$12,800.00	100,274	90,538	\$2,400.18	\$0.03	\$11,277.61	3,697.9	\$0.04	24.5	7	8	0	0	2	17
07278	A07	A07	2007	FORD	F150	DOT	A	05/18/2007	60	\$16,649.00	67,756	65,096	\$3,770.05	\$0.06	\$7,242.60	2,363.8	\$0.04	27.6	7	5	0	1	4	17
07283	A07	A07	2007	FORD	F150	DOT	A	06/11/2007	60	\$16,649.00	63,327	60,791	\$3,604.98	\$0.06	\$7,683.07	2,454.5	\$0.04	24.8	6	5	0	1	4	16
07322	A07	A07	2007	FORD	F150	DOT	A	07/20/2007	60	\$16,649.00	54,578	51,806	\$2,818.45	\$0.05	\$6,691.72	2,172.0	\$0.04	23.9	6	4	0	2	2	14
07323	A07	A07	2007	FORD	F150	DOT	A	07/20/2007	60	\$16,649.00	41,652	38,556	\$1,540.51	\$0.04	\$2,828.32	917.0	\$0.02	42.1	6	3	0	2	2	13



We also take advantage of existing bluetooth™ technology, a proven, widely available technology which runs on most mobile platforms. Why add the complexity and cost associated with a custom proprietary bar code device when Apple and Google and their partners have already made it easy for the everyday user?

**Fully WEB Based means ANY device  
anywhere with internet service.**



Sample Off the Shelf /Out of the Box  
Scanfob 2005, Retail ~ \$300



Sample Off-the-Shelf/Out of the Box  
anfob, rugged, water resistant  
Retail ~ \$600

Barcode equipment can be used to support multiple functions of fleet management data collection. Management of parts inventory, scanning the VIN code on equipment out in the lot, tracking work performed on equipment work orders are just a few examples.



## Equipment Information Look-up

Scan the VIN code in the equipment door jam and pull up the entire vehicle history. From any mobile pad device, the user can immediately open a work order, add a fuel transaction or review more detail in the equipment master record. This allows your service manager to meet customers in the parking lot; open the work order, capture meter data, and assign the work all from the equipment yard. No more walking back to the equipment to get that meter information.



### Equipment General

Equipment #:	0001 WSM01
VIN/Serial #:	1HD1FMM137Y694464
Description:	07HARLEY
Make/Model/Year:	HARLEY FLHTP 2007
Last Meter Read:	04/28/2013 24,500
Next PM Due:	0
Next Inspection:	

### Equipment Life Status

Purchase Cost:	\$21,059.08
Capitalized Value:	\$0.00
In Service Date:	06/01/2007
Months In Service:	77
Life Months:	36
Book Value:	\$0.00
Repair Cut Off:	\$0.00

Open Equipment Master

ADD Fuel Transaction

Open a Work Order

### Work Order Summary

Repair Reason	Down Hours	Labor Hours	Labor \$	Parts \$	Sublet \$	Total \$
B BREAKDOWN	64	2	\$102.49	-	\$178.14	\$280.63
C WEAR AND TEAR	24,432	1	\$111.40	\$988.95	\$572.64	\$1,672.89
Z DIRECT CHARGE	17	13	\$860.50	\$403.51	\$3,542.00	\$4,806.01
P PM	2,464	24	\$1,885.18	\$2,707.42	\$150.00	\$4,782.60
V PM2	5,680	0	\$1.56	-	-	\$1.56
S SPECIAL MODIFICATIONS	-	1	\$34.42	-	\$1,750.59	\$1,785.01
Total	32,657	40	\$2,995.54	\$4,099.89	\$6,233.27	\$13,328.70

### Work Order Detail

WO Edit	WO #	Job Type	Reason	Status	Meter	Open Date	Finish Date	Close Date	Down Hrs	Labor	Parts \$	Sublet \$	Total \$
	<a href="#">01-2013-0062</a>	Repair	C	OPEN	24,500	10/07/13			0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0033</a>	Repair	C	OPEN	24,500	04/28/13			1,200	\$25.71	\$0.00	\$0.00	\$25.71
	<a href="#">01-2013-0030</a>	Repair	C	OPEN	23,500	03/25/13			1,680	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0028</a>	PM A	V	OPEN	23,500	03/25/13			1,680	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0026</a>	PM A	V	OPEN	22,500	03/22/13			1,704	\$1.56	\$0.00	\$0.00	\$1.56

## Work Orders

Not every shop manages and/or tracks task and labor the same way. Flagship provides each organization with flexibility that supports your business practices. Most organizations would like to have a truly paperless solution, but lack the systems to provide and capture the needed data without paper.

With Flagship you have the option of using a tablet and leveraging the available wireless capability. As a result you can open work orders, assign task, and enter labor anywhere with WiFi or cellular service.

Connect a Bluetooth barcode reader and you are able to scan on and off printed work orders, and pre-printed lists of direct and in-direct task codes. Flagship supports your shop's method of tracking task and time, as a standard out of the box capability.

## Inventory Management

Parts professionals can issue parts to work orders by scanning on the barcode of the part. During physical inventory, parts professionals can scan a bin code and type the quantity number into a mobile device.







## Equipment Management



The first screen after log in is the equipment master screen. Options available on this screen are dependent on the security group the user is assigned. Individual equipment units are selected from the list box at the left of the screen. For a more specific list select a query from the drop list in the top left of the screen and type in a value. The value does not need to be exact. The user is only required to enter a small piece of information.

## Equipment Selection Screen

Admin Settings

Dashboard

Replace

Barcode Entry

Equip Select

Fuel Center

Motor Pool

Work Orders

My Work

Add Work Order

Equip. Sched.

Part Center

Report Center

Equipment Selection Phil Rafter

STOP

Query Type: EQ Number

Query Value: 10%

Status: ALL

Sort: Equipment Number

Re-Query Equipment Records

102 records selected.

Enhanced equipment query lookup

Add Equipment

EQ Edit	EQ Info	Parts	Fuel	WO	WO Req	# Req	PM WO Days	EQ #	License	Current Meter	Serial #	Class	Rate	Dept	User	Status	Equipment Description	Year	Make	Model
						1	794	1099	EX43650	43,103	101AK56F677303562	1000	1000	280910	-	A	4/DOOR COMP SEDAN RFG	2007	CHEVROLET	COBALT 4/D
						-	2,053	1098	-	72,762	1FMCA11U2VZB57402	1000	1000	9903S	-	I	1/2 TON 2WD 8 PASSENGER VAN UNLEADED	1997	FORD	AEROSTAR
						-	-	1097	-	-	1FMDU34X0SZB15125	1000	1000	9903S	-	I	95EXPL	1995	FORD	EXPLORER
						-	-	1096	-	-	1GKDT13W9SK544734	1000	1000	9903S	-	I	95S15J	1995	GMC	S15
						1	50	1095	EX30777	46,105	101AK56F677306333	1000	1000	280210	-	A	4/DOOR COMP SEDAN RFG	2007	CHEVROLET	COBALT 4/D
						-	-	1094	WSQ 026	-	1GKDT13W4SK544768	1000	1000	9903S	-	I	95S15J	1995	GMC	S15
						-	-	1093	071 PNN	95,537	1FMDU34X8SZA91753	1000	1000	9903S	-	I	95EXPL	1995	FORD	EXPLORER
						-	350	1092	-	-	1FMDU34X7SZB01898	1000	1000	9903S	-	I	95EXPL	1995	FORD	EXPLORER
						-	350	1091	-	100,330	1FMDU34X5SZB13421	1000	1000	9903S	-	I	95EXPL	1995	FORD	EXPLORER
						-	357	1090	-	74,770	1FMCA11U0SZB95898	1000	1000	9903S	-	I	95AERO	1995	FORD	AEROSTAR
						1	854	1089	EX30343	46,905	101AK56F677307316	1000	1000	280210	-	A	4/DOOR COMP SEDAN RFG	2007	CHEVROLET	COBALT 4/D
						-	387	1088	095 NUK	86,730	1FALP54P0RA143468	1000	1000	9903S	-	I	94 TAUR P.P.	1994	FORD	TAURUS
						1	386	1087	EX25427	18,612	101AK56F677307046	1000	1000	172300	-	A	4/DOOR COMP SEDAN RFG	2007	CHEVROLET	COBALT 4/D
						1	918	1086	EX31336	22,056	1FAFP53U07A185422	1000	1000	127200	-	A	MED SIZE 4/DOOR SEDAN RFG	2007	FORD	TAURUS
						1	956	1085	525 NZW	16,830	1FAFP53U97A185418	1000	1000	150610	-	A	MED SIZE 4/DOOR SEDAN W/C UNLEADED	2007	FORD	TAURUS
						1	729	1084	143 PMK	26,481	1FAFP53UX7A185413	1000	1000	150610	-	A	MED SIZE 4/DOOR SEDAN W/C UNLEADED	2007	FORD	TAURUS



## Equipment Master General Information

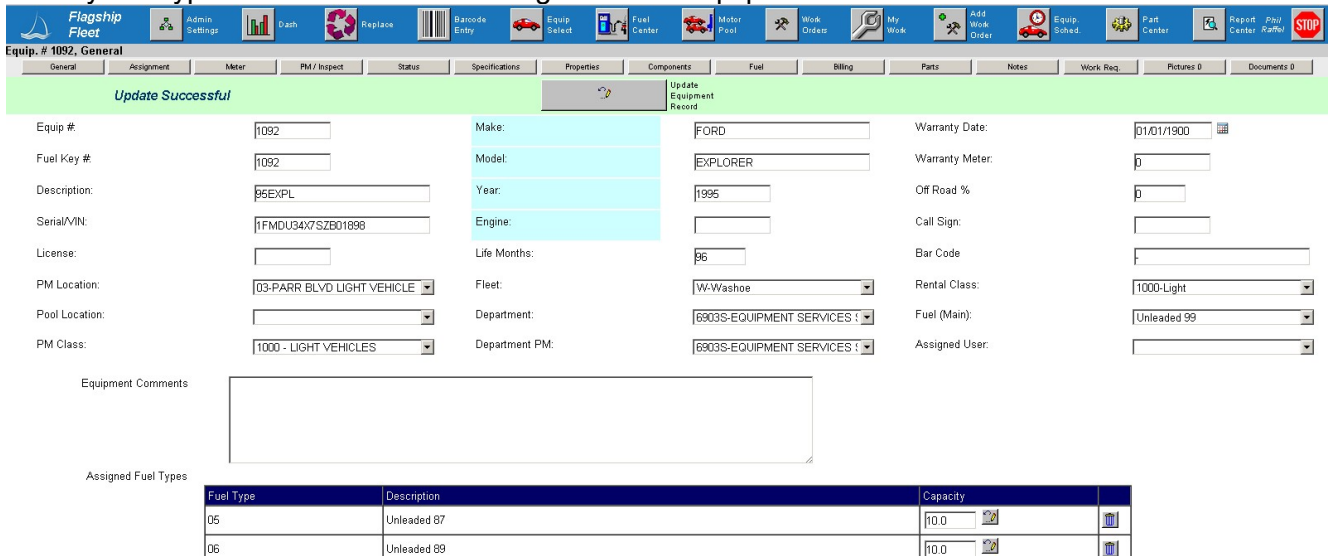


The general equipment tab is where general information about the equipment is updated. This includes the class, fleet assignment, PM and Inspection schedules, billing information and fuel to name a few. Changes to the department assignment is tracked. The system keeps a record of current and past department assignments so costs assigned appropriately.



## Assigned fuel types

As many fuel types as needed can be assigned to the equipment unit.



**Equip. # 1092, General**

General | Assignment | Meter | PM / Inspect | Status | Specifications | Properties | Components | Fuel | Billing | Parts | Notes | Work Req. | Pictures 0 | Documents 0

**Update Successful**

Equip #: 1092 Make: FORD Warranty Date: 01/01/1900

Fuel Key #: 1092 Model: EXPLORER Warranty Meter: 0

Description: 96EXPL Year: 1995 Off Road %: 0

Serial/VIN: 1FMDU34X7SZB01898 Engine: Life Months: 96 Call Sign:

License: Fleet: W-Washoe Bar Code:

PM Location: 03-PARR BLVD LIGHT VEHICLE Department: 6903S-EQUIPMENT SERVICES 1 Rental Class: 1000-Light

Pool Location: Fuel (Main): Unleaded 99

PM Class: 1000 - LIGHT VEHICLES Department PM: 6903S-EQUIPMENT SERVICES 1 Assigned User:

Equipment Comments

Assigned Fuel Types

Fuel Type	Description	Capacity
05	Unleaded 87	10.0
06	Unleaded 89	10.0

## Make / Model / Year / Engine

These fields are highlighted in blue because they are critical to optimizing parts searches. With this captured data parts staff can quickly see what parts have been previously issued to the equipment unit and/or units of similar Make/Model/Year/ & Engine. This can save a great deal of time, and facilitates parts selection from the shop floor.

Make: FORD

Model: EXPLORER

Year: 1995

Engine:





## Equipment Assignment

Assignment

When you re-assign a vehicle to a new department, even mid-month, the system will automatically keep track of the assignment history, including all costs. This includes the start/end dates and beginning/ending meter of the assignments. This feature enables you to accurately bill each department for the usage and costs during the month.

**Equip. # 1000, Assignment**

General Assignment Meter PM / Inspect Status Specifications Properties Components Fuel Billing Parts

Current Department: 171702-HEALTH Services  Select a new department and press the update button to change department assignment. Make sure the current meter is correct for the new assignment.

Current Meter: 15,200

**Equipment Assignment History**

Department	Start Date	Start Meter	End Date	End Meter	Assignment #
171702 HEALTH Services	09/01/2012	12,000	-	-	5
161300 GS ENERGY	08/31/2012	12,000	09/01/2012	12,000	4
150830 SHERIFF RENO PATROL	05/21/2012	12,120	08/31/2012	12,000	3
	07/23/2010	8,822	05/21/2012	12,120	2
172400 HEALTH ENVIRONMENTAL	04/09/2007	21	07/23/2010	8,822	1

## Equipment Meter

Meter

The equipment meter will update automatically from fuel transactions, work orders, & motor pool entries provided the meter data falls within the equipment class defined meter edit range.

**Equip. # 1000, Meter**

General Assignment Meter PM / Inspect Status Specifications Properties Components Fuel Billing Parts

**Equipment Master Meter Readings**

Lst. Meter 1 Read: 15,200 Lst. Meter 2 Read: 2,000 Last Meter 3 Read: 3,000

Life Meter 1 Read: 15,200 Life Meter 2 Read: 3,000 Life Meter 3 Read: 3,000

**Equipment Meter History**

New Meter Read:  Meter #:

Meter Read	Life Meter	Date	Update Source	Meter #	Updated By
15,200	15,200	11/08/2013	Work Order	1	Phil Raffel
14,750	14,750	09/25/2013	Work Order	1	Phil Raffel
14,501	14,501	09/24/2013	Work Order	1	Jeremy Estes
14,500	14,500	09/19/2013	Work Order	1	Phil Raffel
14,000	14,000	09/19/2013	Work Order	1	Phil Raffel
13,000	13,000	06/20/2013	Fuel Ticket	1	Phil Raffel
13,000	13,000	06/20/2013	Fuel Ticket	1	Phil Raffel
13,000	13,000	06/20/2013	Fuel Ticket	1	Phil Raffel
13,000	13,000	03/12/2013	Work Order	1	Phil Raffel
12,000	12,000	03/07/2013	Fuel Ticket	1	Phil Raffel
12,000	12,000	02/28/2013	Fuel Ticket	1	Phil Raffel
12,000	12,000	08/27/2012	Work Order	1	Phil Raffel
11,000	11,000	08/17/2012	Work Order	1	Phil Raffel
10,000	10,000	07/30/2012	Equipment Master	1	Phil Raffel
12,120	12,120	08/29/2011	Fuel Ticket	1	Phil Raffel
12,011	12,011	08/17/2011	Fuel Ticket	1	Phil Raffel





## Equipment Master - Properties

Properties

The properties box allows for free form addition of information fields to the equipment record. Administrators can add as many codes and accounts as needed to help define and track equipment supporting better fleet operations. These might include FEMA equipment rental re-imbursement codes, equipment classification codes, billing codes, administrative codes, etc. and can be assigned to a specific equipment unit.

Properties can be added "on the fly" by users that have the security credentials to do so. These properties are available immediately and can be used when performing an on-line equipment search. In addition, the [Navigator](#) reporting tool also takes advantage of this on the fly criteria.

Equip. # 1000, Properties

General Assignment Meter PM / Inspect Status Specifications Properties Components

Property: Class Maintenance Value: 7070 Update

Property	Value
Account Special	DGG001
Asset Number	-
Asset Type	ASSET
Class Maintenance	7070
Equip Replaced By	7538
Equipment Type	1968-UNIM-STRI
FEMA Code	ABC
Fuel Type	Y
PM Program Type	CLASS
Radio Serial Number	S-51
SLA Status	OUT OF SERVICE
User Status 1	SPECNO

## Equipment Master - Part Issues

Parts

This provides a list of all the parts ever issued to each work order, and the ability to quickly open up the work order where the part was issued. A very handy tool if you learn of a defective part or recall.





# Flagship Fleet Management

We lead the way...

Equip. # 0001, Parts											
General   Assignment   Meter   PM / Inspect   Status   Specifications   Properties   Components   Fuel   Billing   Parts   Notes   Work Req.											
Issue Date	Bill Month	WO #	WO Type	Part #	Part Description	Issue Location	Base Cost	Unit Cost	Quantity	Total Cost	
06/11/2013	-	01-2013-0024	PM	NEW PART 3333	BRAKE THING	06	\$12.50	\$14.21	1	\$14.21	
05/08/2013	-	02-2013-0034	Repair	1234567891	SPECIFIC PART	06	\$85.00	\$90.65	5	\$453.25	
05/08/2013	-	01-2013-0033	Repair	-	TRANSMISSION	06	-	-	1	-	
03/25/2013	-	01-2013-0026	Repair	RBK4707QPD2S	21000LBS BRAKE WITH SPRING KIT	06	\$10.00	\$11.37	1	\$11.37	
03/22/2013	-	01-2013-0023	Repair	009100542885	MICROGARD OIL FILTER MGL3614	06	\$10.00	\$11.37	1	\$11.37	
03/22/2013	-	01-2013-0023	Repair	-	-	06	\$10.00	\$11.37	2	\$22.74	
03/22/2013	-	01-2013-0023	Repair	009100000544	-	06	\$4.50	\$5.12	4	\$20.48	
03/07/2013	-	02-2013-0035	Repair	H24509	-	06	-	-	1	-	
03/07/2013	-	02-2013-0032	Repair	H24509	-	06	-	-	1	-	
03/07/2013	-	01-2013-0013	Repair	H24509	-	06	-	-	1	-	
01/14/2013	-	01-2012-00004	Commercial PM	48972	BRAKE	06	\$59.99	\$66.27	1	\$66.27	
01/14/2013	-	01-2012-00004	Commercial PM	0542 20	BRAKE	06	\$43.92	\$49.98	1	\$49.98	
01/14/2013	-	01-2012-00004	Commercial PM	031025	6" BRAKE POT DIAPHRAM	06	\$1,002.69	\$1,141.05	1	\$1,141.05	
01/03/2013	-	01-2012-0039	Repair	H24710	1" HIGH PRESURE HOSE	06	-	-	1	-	
01/03/2013	-	01-2012-0039	Repair	H24510	1" HIGH PRESURE HOSE	06	-	-	1	-	
01/03/2013	-	01-2012-0039	Repair	H24510	1" HIGH PRESURE HOSE	06	-	-	1	-	
01/03/2013	-	01-2012-0039	Repair	H24509	3/4" HIGH PRESURE HOSE	06	-	-	1	-	
01/03/2013	-	01-2012-0039	Repair	755-2068	ADAPTER FOR BRAKE	06	\$40.19	\$45.70	1	\$45.70	
01/03/2013	-	01-2012-0039	Repair	031025	6" BRAKE POT DIAPHRAM	06	\$2.69	\$3.08	1	\$3.08	
01/03/2013	-	01-2012-0039	Repair	RBK4707QPD2S	21000LBS BRAKE WITH SPRING KIT	06	\$34.39	\$39.10	10	\$391.01	
12/31/2012	-	01-2012-0031	PM	755-2068	ADAPTER FOR BRAKE	06	\$40.19	\$45.70	3	\$137.09	
12/30/2012	-	01-2012-0031	PM	755-2068	ADAPTER FOR BRAKE	06	\$40.19	\$45.70	2	\$81.39	
12/19/2012	-	01-2012-0031	PM	-	BLACK NYLON AIR BRAKE TUBING	06	\$2.07	\$2.35	2	\$4.71	
11/30/2012	-	01-2012-0031	PM	RBK4707QPD2S	21000LBS BRAKE WITH SPRING KIT	06	\$34.39	\$39.10	5	\$391.00	
11/05/2012	-	01-2012-00004	Commercial PM	RBK4707QPD2S	21000LBS BRAKE WITH SPRING KIT	06	\$34.39	\$39.14	5	\$195.68	
07/06/2012	-	02-2012-00036	Commercial PM	Z216348	AIR BRAKE HOSE	06	\$19.30	\$21.94	1	\$21.94	
07/06/2012	-	02-2012-00036	Commercial PM	755-2068	ADAPTER FOR BRAKE	06	\$40.19	\$45.70	2	\$91.40	
05/11/2012	-	02-2012-00003	Commercial PM	755-2068	ADAPTER FOR BRAKE	06	\$40.19	\$45.74	1	\$45.74	
05/11/2012	-	02-2012-00003	Commercial PM	755-2068	ADAPTER FOR BRAKE	06	\$40.19	\$45.74	1	\$45.74	
04/30/2012	-	02-2012-00021	PM	0370 20	BRAKE FRONT	06	\$59.27	\$66.25	1	\$66.25	







# Flagship Fleet Management

We lead the way...

## Equipment Master - Preventive Maintenance & Inspections

PM / Inspect

The PM / Inspections shows a chronological listing of all PM and inspection information for a specific equipment unit. This provides a quick view to verify the equipment unit is in the correct position in its PM service pattern.

Admin Settings
Dash
Replace
Barcode Entry
Equip Select
Fuel Center
Motor Pool
Work Orders
My Work
Add Work Order
Equip Sched.
Part Center
Repair Center
Equipment Master Record Phil Raffel

Equip. #, PM / Inspect
General
Assignment
Meter
PM / Inspect
Status
Specifications
Properties
Components
Fuel
Billing
Parts
Notes
Work Req.
Pictures 2
Documents 9

### Preventive Maintenance Settings

Current Meter: 24,500
Last PM Meter:
Next PM Meter:

PM Equipment: Yes
Last PM Date: 01/01/2012
Next PM Date:

PM Meter #: Meter 1
Last PM Service: A
Next PM Service:
Last PM Service Slot #: 1
Next PM Service Slot #: 0

Next PM Due settings will update automatically based on last PM & class settings for active, PM equipment.

There are 9 PM slot(s) in class PM LIGHT.

### Inspection Services

Task: F - DO A F.M.C.S.A. INSP
Last Date:
Next Date:
Frequency: 365

Task	Last Inspection	Next Inspection	Day Interval
F DO A F.M.C.S.A. INSPECTION		12/01/2012	365

### Work Order Reason Summary

Repair Reason	Down Hours	Labor Hours	Labor \$	Parts \$	Sublet \$	Total \$
B BREAKDOWN	64	2	\$102.49	-	\$178.14	\$280.63
C WEAR AND TEAR	24,432	1	\$111.40	\$888.98	\$872.54	\$1,872.89
Z DIRECT CHARGE	17	13	\$880.80	\$403.81	\$3,542.00	\$4,806.61
F PM	2,464	24	\$1,885.18	\$2,707.42	\$190.00	\$4,782.60
V PM2	5,680	0	\$1.56	-	-	\$1.56
S SPECIAL MODIFICATIONS	-	1	\$34.42	-	\$1,750.59	\$1,785.01
<b>Total</b>	<b>32,657</b>	<b>40</b>	<b>\$2,995.64</b>	<b>\$4,089.89</b>	<b>\$6,233.27</b>	<b>\$13,328.70</b>

### Prior PM/Repair Activity

WO #	Job Type	PM Task	Reason	Meter	Open	Finished	Closed	Tech	Lab Hrs	Lab \$	Parts \$	Sublet \$	Total \$
01-2013-0052	Repair		C	24,500	10/07/2013	-	-						-
01-2013-0033	Repair		C	24,500	04/28/2013	-	-		0.3	\$25.71			\$25.71
01-2013-0030	Repair		C	23,500	03/25/2013	-	-						-
01-2013-0028	PM	A	V	23,500	03/25/2013	-	-						-
01-2013-0026	PM	A	V	22,500	03/22/2013	-	-	Phil Raffel	0.0	\$1.56			\$1.56
01-2013-0025	Repair	A	C	22,500	03/22/2013	-	-				\$11.37		\$11.37
01-2013-0024	PM	A	P	22,900	03/22/2013	-	-	Phil Raffel	1.0	\$74.01	\$14.21		\$88.22
01-2013-0022	Repair	A	C	22,500	03/22/2013	-	-						-
01-2013-0023	Repair		C	22,500	03/22/2013	03/22/2013	-	Phil Raffel	0.1	\$3.90	\$54.59		\$58.49
01-2013-0016	Repair		C	22,500	03/07/2013	03/12/2013	03/12/2013						-
04-2013-0001	Repair		C	22,000	02/01/2013	02/07/2013	-				\$175.00		\$175.00
04-2013-0002	Repair		C	22,000	02/01/2013	-	-						-
03-2013-0002	Repair		C	22,000	02/01/2013	-	-						-
02-2013-0034	Repair		C	22,000	02/01/2013	-	-				\$483.23		\$483.23
02-2013-0035	Repair		C	22,000	02/01/2013	-	-						-
01-2013-0013	Repair		C	22,000	02/01/2013	-	-						-
01-2013-0012	Repair		C	22,000	02/01/2013	-	-		0.1	\$3.90			\$3.90
02-2013-0033	PM	K	V	22,000	01/27/2013	-	-	Brice Crawford					-
02-2013-0031	Repair		C	22,000	01/27/2013	-	-						-
02-2013-0032	Repair		C	22,000	01/27/2013	-	-						-







## Pictures

Pictures: 0

Pictures can say a thousand words. They can be attached to a work order and attached to the equipment master record. Pictures from any device (phone, tablet, etc.) can be easily up-loaded and stored in the application. We optimize each picture which enables you to store thousands of pictures using very little data space.

**Flagship Fleet**

Equipment / Work Order  
Pictures


Close the browser window  
when update complete.

Equip#: 0001

Image Notes:

Image File:  
 No file chosen

All uploaded images are reduced to a maximum of 300x300 pixels.




**Notes:**  
Tail light detail.

Upload Date: 02/24/2012 3:53 AM  
Uploaded By: Phil Raffel  
File Name: 001934\_0026178\_0000004.JPG

WO: [01-2012-00004](#)

Right click on image for save, print and email options.



**Notes:**  
Damage to rear quarter pannel and bumper.

Upload Date: 02/24/2012 3:51 AM  
Uploaded By: Phil Raffel  
File Name: 001934\_0026178\_0000003.JPG

WO: [01-2012-00004](#)

Right click on image for save, print and email options.





## Documents

Documents 0

Word, Excel, PDF and text files can be attached to both the equipment record and/or work orders. With this capability you can better document work done outside of the shop by attaching a scanned copy of the commercial/outside work order. Technicians spend less time re-typing notes and parts information and a copy of the commercial work order is attached and viewable within your sublet work order.

The screen shot below is the “Documents” screen found on the far right of the “Equipment Master Record” screen. Within this “Documents” screen you can attach documents to the master record and view all documents attached to work orders against this equipment. This can be done with any web enabled device that has a file system to select a document.

**Flagship Fleet**

Equipment / Work Order  
Documents

Close the browser window  
when update complete.

Equip#: 0001

Document Notes:

Document File:  No file chosen

Upload Date	Notes	Loaded By	WO #	File Name (click to open)	Delete
04/17/2013 3:01 PM	This is a new document, commercial work	Phil Raffel		<a href="#">001934_0000000_0000038.JPG</a>	
03/22/2013 9:07 AM	Serialized Parts Discussion	Phil Raffel	01-2012-00004	<a href="#">001934_0026178_0000037.doc</a>	
03/22/2013 9:05 AM	Special Part Numbers, Specifications	Phil Raffel	01-2012-00004	<a href="#">001934_0026178_0000036.txt</a>	
03/22/2013 9:04 AM	Special Parts Request for damaged parts	Phil Raffel	01-2012-00004	<a href="#">001934_0026178_0000035.pdf</a>	
03/22/2013 9:03 AM	Repair Spec Sheet	Phil Raffel	01-2012-00004	<a href="#">001934_0026178_0000034.csv</a>	
10/05/2012 5:25 PM	Special parts listing	Phil Raffel		<a href="#">001934_0000000_0000006.csv</a>	
10/05/2012 5:25 PM	Special requested parts billed to department	Phil Raffel		<a href="#">001934_0000000_0000007.DOC</a>	
05/01/2012 5:52 PM	Comercial Work ORder	Phil Raffel	02-2012-00035	<a href="#">001934_0026209_0000003.PDF</a>	
04/15/2012 1:58 PM	The Wilson	Phil Raffel	02-2012-00008	<a href="#">001934_0026186_0000001.pdf</a>	





## Work Order Center



The work order maintenance screen will open to show all the work orders assigned to a current equipment unit, but this is only the default. There are several ways to look up work orders from this screen. Users can look up information by work order number, equipment unit, work order location/open date or work order location/close date. To view work orders for specific equipment unit simply type in the equipment unit number in the top right box of the screen.

## Open Work Order - My Work



This is where your shop techs will be 95% of the time. This one screen displays all the work orders assigned to a shop technician. They manage the work order and enter their direct & indirect time from this one screen. This keeps entry simple and streamlined. The less time users spend navigating the system the more time they have to turn wrenches.

Admin Settings

Dash

Replace

Barcode Entry

Equip Select

Fuel Center

Motor Pool

Work Orders

My Work

Add Work Order

Equip Sched.

Part Center

Report Center

My Work List Phil Raffel

Query Type: My Work

Location: 01

Start Date: 10/18/13

End Date: 11/08/13

EQ #:

Task Code:

WO #:

WO Type: Open

Query WO Select 11 records selected

WO Edit	WO #	EQ #	Assigned	Job Type	Reason	Status	Meter	Open Date	Finish Date	Close Date	Down Hrs	Labor	Parts \$	Sublet \$	Total \$
	<a href="#">01-2013-0057</a>	1000	Phil Raffel	Repair	C	OPEN L	14,750	09/25/13			0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0055</a>	1000	Phil Raffel	Repair	C	OPEN	14,501	09/25/13			0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0050</a>	1003	Phil Raffel	Repair	C	OPEN	49,650	09/20/13			0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">02-2013-0039</a>	1000	Phil Raffel	Repair	C	OPEN	14,500	09/19/13			0	\$77.90	\$0.00	\$0.00	\$77.90
	<a href="#">01-2013-0045</a>	354	Phil Raffel	Repair	C	OPEN	739	08/29/13			0	\$0.00	\$454.80	\$0.00	\$454.80
	<a href="#">01-2013-0034</a>	1004	Phil Raffel	Repair	C	OPEN Waiting 4	49,044	05/21/13			1,016	\$1.56	\$241.40	\$0.00	\$242.96
	<a href="#">01-2013-0032</a>	1000	Phil Raffel	PM A	V	OPEN	13,000	04/17/13			1,288	\$62.32	\$3,470.87	\$0.00	\$3,533.19
	<a href="#">01-2013-0029</a>	200309	Phil Raffel	PM A	V	OPEN	165,000	03/25/13			1,580	\$0.00	\$91.28	\$190.00	\$281.28
	<a href="#">01-2013-0026</a>	0001	Phil Raffel	PM A	V	OPEN	22,500	03/22/13			1,704	\$1.56	\$0.00	\$0.00	\$1.56
	<a href="#">01-2013-0024</a>	0001	Phil Raffel	PM A	P	OPEN	22,900	03/22/13			1,704	\$74.00	\$14.21	\$0.00	\$88.22
	<a href="#">01-2013-0019</a>	1000	Phil Raffel	Repair	C	OPEN	13,000	03/14/13			1,768	\$0.00	\$11.37	\$0.00	\$11.37

Employee: 20 Phil Raffel

Day Range: 10

Set Employee

Employee On Task	Time Code	Task Code	Work Order	Equip #	Start Date	Start Time	Hours On
20, Phil Raffel	DI, STANDARD DIRECT	02, CAB FIXTURES	<a href="#">01-2013-0026</a>	200309	11/07/13	6:43 PM	0.00

Date: 11/07/2013

Start Time: 6:43 PM

Hours: 0

Time Code: --

Task Code:

Location: 01

Work Order: --

Equip #:

Dept #:

01 ADJUST

Add Labor Entry

Date	Start	End	Hours	Time Code	Task Code	Finish Code	Location	Work Order	Equip #	Dept #	Rate	Total
11/07/2013	6:43 PM	-	0.00	DI, STANDARD DIRECT	02, CAB FIXTURES	01, ADJUST	01, RENO HEAVY EQUIPMENT SHOP	<a href="#">01-2013-0026</a>	200309	FLAG	\$77.90	\$0.00

Date	Start	End	Hours	Total
11/07/2013	6:43 PM	-	0.00	\$0.00





## Work Requests

**Work Req. 1** Work Requests follow an equipment unit and are highlighted in red until it is assigned to a work order. Flagship logs the work order number the request is assigned to so it can be tracked from user creation to completion on the work order. Work requests can be entered at anytime by system users or through a work request screen available to your fleet customers.

Type	Equip #	Task	Task Description	Comment	Notice Date	Priority	Assign Task
Asset	1000	F	DO A F.M.C.S.A. INSPECTION		11/07/2013	Standard	
Asset	1000	A	PM SERVICE A LOF SAFETY CHK		11/07/2013	Standard	<a href="#">01-2013-0063</a>

## Customer Service Requests

From a Web Link on a web device your fleet customers can make a work request with-out a login into the fleet management system. Customers must enter contact information and must provide an accurate license number, equipment number, fuel key, or other identifying code to enter a service request. Flagship can be set up to send an automated email notification to the shop manager that is assigned to the PM location for this equipment.

See: <http://www.flagshipfleet.com/flagship/QuickFix/>







# Flagship Fleet Management

We lead the way...



**Flagship Fleet**  
Build 2.1.3

## Equipment Service Request

### Flagship Fleet Management

Phil Raffel  
602-954-9099  
8021 N. 9th Avenue  
Phoenix, AZ 85021

Enter your unit or license number and the description of the maintenance issue you have with the vehicle.

Unit Number

Odometer

Contact  
(or Operator#)

Phone

Left tail light out.

Problem Description

Create Service Request

### Service Request Successfully Added

Unit/License	VIN/Serial	Description	Last Meter Read	Last PM Meter
1000 EX30345	1FTFW1EF2BKD86911	4/DOOR COMP SEDAN RFG 2007 CHEVROLET COBALT 4/D	15,200 11/08/2013	14,000 09/19/2013

Type	Equip #	Task	Task Description	Comment	Notice Date	Priority	
Asset	1000			Left tail light out.. Contact: Phil Raffel, Phone: 602-954-9099, Meter: 25000	11/15/2013	Standard	



## Work Order Center

The work order center screen provides a listing of work orders by shop status, date range, equipment unit and/or work assigned to the current user. Work orders with the assigned user in green means the technician is currently 'on-task'. Work orders with red in the status column are currently in delay, the delay code reason will display next to the work order status.

## Query type default by user

The default query type of how work order data is presented to a user is set by the user. This is another example of how we are always looking to save time. Shop managers want to see what is going on in the shop. Shop technicians want to see the history of the equipment unit they are working on. One or two less clicks for a user to get what they need adds up.

## Default by Shop Location

Admin Settings

Dash

Replace

Barcode Entry

Equip Select

Fuel Center

Motor Pool

Work Orders

My Work

Add Work Order

Equip Sched

Part Center

Report Center

Work Center Phil Raffel

STOP

Query Type

Shop Status

Location

01

Start Date

10/31/13

End Date

11/21/13

EQ #

Task Code

WO #

WO Type

Open

Query WO Select

01 records selected

WO Edit	WO #	EQ #	Assigned	Job Type	Reason	Status	Meter	Open Date	Finish Date	Close Date	Down Hrs	Labor	Parts \$	Sublet \$	Total \$
	<a href="#">01-2013-0066</a>	<div>1000</div>	-	Inspection	I	OPEN	15,200	11/08/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0064</a>	<div>1095</div>	Phil Raffel	PM A	P	OPEN	50,000	11/08/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0063</a>	<div>1000</div>	-	PM A	P	OPEN L	14,750	10/07/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0062</a>	<div>0001</div>	-	Repair	C	OPEN	24,500	10/07/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0061</a>	<div>1099</div>	-	Inspection	I	OPEN	43,103	10/07/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0059</a>	<div>1099</div>	-	Inspection	I	OPEN	43,103	09/27/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0058</a>	<div>1000</div>	-	Inspection	I	OPEN	14,750	09/25/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0057</a>	<div>1000</div>	Phil Raffel	Repair	C	OPEN L	14,750	09/25/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0056</a>	<div>1000</div>	-	Repair	C	OPEN	14,501	09/25/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0055</a>	<div>1000</div>	Phil Raffel	Repair	C	OPEN	14,501	09/25/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0054</a>	<div>1000</div>	Jeremy Estes	Repair	C	OPEN	14,501	09/24/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0053</a>	<div>1000</div>	-	Repair	C	OPEN	14,500	09/24/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0052</a>	<div>1000</div>	-	Repair	C	OPEN	14,500	09/24/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0051</a>	<div>1000</div>	-	Repair	C	OPEN	14,500	09/24/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0050</a>	<div>1003</div>	Phil Raffel	Repair	C	OPEN	49,680	09/20/13	-	-	0	\$0.00	\$0.00	\$0.00	\$0.00
	<a href="#">01-2013-0047</a>	<div>1095</div>	-	PM A	I	OPEN TS	46,105	09/11/13	-	-	0	\$0.00	\$1,141.06	\$0.00	\$1,141.06

## Default by Equipment Unit

Flagship Fleet

Admin Settings

Dash

Reports

Barcode Entry

Equip Sched

Fuel Center

Motor Pool

Work Orders

My Work

Add Work Order

Equip Sched

Part Center

Report Center

Work Order Center

PM Center

STOP

</



## Work Order Add



A work order can be added from anywhere in the system. The user, as long as they have the security rights to do so, can create a work order. At the time a work order is created, the system user can see all the services that are due for that equipment, including PM Services, work requests and inspections due. These services can be automatically assigned to the work order. Default parts and labor will fill in automatically to the work order based on prior work order assigned work. If the equipment unit did not have the specific task assigned before, the default information will be based on the last work order task assigned to the class of equipment.

Admin Settings

Dash

Replace

Barcode Entry

Equip Select

Fuel Center

Motor Pool

Work Orders

My Work

Add Work Order

Equip. Sched.

Part Center

Report Center

Work Order ADD (Full Raffle)

Asnd. Shop	Equip #	EQ License	Dept	Year Make Model	Last PM Meter	Meter Since Last	Next PM Meter	Last PM Date	Days Last PM	Next PM Slot	Next PM Task	Class	PM Meter Inv	PM Month Inv
01	1000	EX30345	171702	2007 CHEVROLET COBALT 4/D	14,000	750	18,000	09/19/13	49	3	B	1000	4,000	4

Meter Read: 14,750

14,750 + 4,000 = 18,750

Today (11/07/2013) + 4 Months = 03/07/2014

WO Type: Repair

PM/Inspection Task:

WO Class: NON-SCHEDULED

WO Status: OPEN

Warranty: No

Repair Reason: WEAR AND TEAR

Contact Name:

Contact Phone:

Drop Off D/T: 11/07/2013 6:47 PM

Est. Comp D/T: 11/07/2013 6:47 PM

Pickup D/T: 11/07/2013 6:47 PM

Assigned Tech:

Hat/Staff/Lot #

Open In Delay:

Work Order Comments

Open Work Order

ADD Work Request

Work Request:

Task:

Recall: NEW

Priority: Standard

Est. Hours: 0

Est. Labor \$: 0

Est. Parts Cost: 0

Est. Paint Cost: 0

Est. Sublet Cost: 0

Add to new Work Order: Yes

Type	Equip #	Task	Task Description	Comment	Notice Date	Priority	Assign to new WO
Asset	1000	F	DO A F.M.C.S.A. INSPECTION	-	11/07/2013	Standard	





## Work Order Information Center



This area is the master record for a work order. This includes the following sections; General, Work Requests, Notes, Labor, Parts, Sublet, Delays, Pictures and Documents

### Work Order - General

The general tab of the work order is where you see the current status, parts, labor and sublet totals.

Flagship Fleet					
Admin Settings   Dash   Replace   Barcode Entry   Equip Select   Fuel Center   Motor Pool   Work Orders   My Work   Add Work Order   Equip Sched.   Part Center   Report Center   Phil Ruffel					
WO# 01-2013-0047 Equip# 1095					
General   <b>Work Requests 1</b>   Notes   Labor   Parts   Sublet   Delays   Pictures   Documents					
Update WO Record					
Equip #:	1095	WO #:	01-2013-0047	WO Location:	RENO HEAVY EQUIPMENT SHOP
WO Type:	PM	PM Task:	A PM SERVICE A LOF SAFETY CHK	WO Class:	SCHEDULED
WO Status:	OPEN	Repair Reason:	I INSPECTION	Hat/Stall:	
Assigned Tech:		Meter Read:	46105	Warranty:	
Contact Name:		Contact Phone:			
Open Date:	09/11/2013 9:42 AM	Finish Date:	-	Close Date:	-
First Labor Date:	-	Drop-off Date:	09/11/2013 4:40 PM	Pick-up Date:	09/11/2013 4:40 PM
Out of Service START:	09/11/2013 9:42 AM	Out of Service END:		Delays subtract from equipment downtime	
Labor \$:	\$0.00	Parts \$:	\$1,141.06	Sublet \$:	\$0.00
Labor Hrs:	0	Shope Fee \$:	0.00	Total \$:	\$1,141.06
Work Order Comments					

## Work Order Report

The work order number, [this is the hyperlinked blue underlined number](http://www.flagshipfleet.com/flagship/WODetRpt.cfm?WOCD=01-2012-00004) throughout the Flagship application. If you **click** the blue hyperlink you will be presented with the detailed work order report in a PDF format. Any pictures and documents added to the work order will be listed on the work order and [hyperlinked](#) so they can be viewed by the user. If you **right click** on the blue hyper link you will see a WEB Address (or URL). You can email this link to anyone, so they can also pull up the work order <http://www.flagshipfleet.com/flagship/WODetRpt.cfm?WOCD=01-2012-00004> . Every time they click the link they will be able to see the latest updates to the work order. It will pull what the current work data is at the time they click the link. They will also have access to any assigned pictures and documents assigned to the work order. This is a powerful WEB link! Have any doubts? Hit the link above and see for your self.





# Flagship Fleet Management

We lead the way...

## Rendered Work Order



### Flagship Transportation Services RENO HEAVY EQUIPMENT SHOP (01) Work Order

150830  
SHERIFF RENO PATROL

WO #:	01-2012-00004	Equip #:	0001 WSM01 232424	EQ Drop-off:	01/06/2012
Job Type:	PM A	Serial/VIN #:	1HD1FMM137Y694464	WO Open:	01/06/2012
WO Class:	3	Make / Model:	HARLEY FLHTP	First Labor:	04/13/2012
WO Status:	OPEN	Year:	2007	WO Finished:	01/16/2012
Warranty:	-	Description:	07HARLEY	EQ Pick-up:	01/06/2012
Reason:	P PM	Use Type:	LT	WO Closed:	
Next PM Due:		Meter Read:	19,540	PM Down Hrs:	0
				REP Down Hrs:	0

#### Labor

Date	RR	Time Code	Task	Tech	Hours	Rate	Total
04/13/2012	P	DI	A PM SERVICE A LOF SAFETY CHK	20 Phil Raffel	1.0	\$77.90	\$77.90
11/15/2013	E	DI	13 BRAKES	20 Phil Raffel	1.0	\$77.90	\$77.90

#### Parts

Date	RR	Task	Part	Quantity	Unit Cost	Total
01/14/2013	P	A PM SERVICE A LOF SAFETY CHK	031025 6" BRAKE POT DIAPHRAM	1.0	\$1,141.06	\$1,141.06
11/15/2013	E	13 BRAKES	48972 BRAKE	2.0	\$77.62	\$155.24
11/15/2013	E	13 BRAKES	755-2068 ADAPTER FOR BRAKE	2.0	\$45.70	\$91.40

Labor Hours	2
Labor Cost	\$155.80
Part Cost	\$1,387.70
Sublet Labor	\$0.00
Sublet Parts	\$0.00
Sublet Miscellaneous	\$0.00
Shop Fee	\$0.00
<b>Work Order Total</b>	<b>\$1,543.50</b>

#### Attached Documents

Upload Date	Notes	Loaded By	File Name (click to open, back to return)
03/22/2013	Serialized Parts Discussion	Phil Raffel	<a href="#">001934_0026178_0000037.doc</a>
03/22/2013	Special Part Numbers, Specifications	Phil Raffel	<a href="#">001934_0026178_0000036.txt</a>
03/22/2013	Special Parts Request for damaged parts	Phil Raffel	<a href="#">001934_0026178_0000035.pdf</a>
03/22/2013	Repair Spec Sheet	Phil Raffel	<a href="#">001934_0026178_0000034.csv</a>

#### Pictures

Upload Date	Notes	Loaded By	File Name (click to open, back to return)
02/24/2012	Tail light detail.	Phil Raffel	<a href="#">001934_0026178_0000004.JPG</a>
02/24/2012	Damage to rear quarter pannel and bumper.	Phil Raffel	<a href="#">001934_0026178_0000003.JPG</a>

#### Related Non-PM Part Issues, possible warranty claim

Issue Date	# of Days	Task	Reason	Part	Vendor	Qty	Total \$	Work Order
11/20/2011	731	13	C	031025 6" BRAKE POT DIAPHRAM	P021 PARTS PLUS	1.0	\$1,140.06	<a href="#">04-2013-0001</a>

#### PM Task Checklist

A PM SERVICE A LOF SAFETY CHK

Task	Complete
PM1 CHANGE OIL AND OIL FILTER	
PM2 CHECK AIR FILTER INDICATOR-CHANGE FILTER IF NEEDED	
PM12 CHECK BATTERY CONDITION-CLEAN BATTERY BOX AND BATTERY CONNEC	
PM30 INSPECT COUPLING DEVICE AND COMPONENTS	
PM8 CHECK ALL FLUID LEVELS-ENGINE-DRIVETRAIN-RADIATOR-WINSHIELD	
PM13 LUBRICATE ALL GREASE FITTINGS	







# Flagship Fleet Management

We lead the way...

## Work Order - Work Requests

Work Requests can be assigned to a current work order or they can put off until a latter date. Work requests can come from a user or PM/Inspection generated by the system.

Type	Equip #	Task	Task Description	Comment	Notice Date	Priority	Assign Task
Asset	1000	F	DO A F.M.C.S.A. INSPECTION		11/07/2013	Standard	
Asset	1000	A	PM SERVICE A LOF SAFETY CHK		11/07/2013	Standard	<a href="#">01-2013-0063</a>

## Work Order - Notes


**Work Req. 1** Work order notes will show any note assigned to the equipment unit and provides a link to the work order the notes were entered on. All prior notes are listed in descending date order, so technicians can quickly gain an understanding of any re-occurring issues without opening each work order to see the notes.

Date	Note By	WO #	Note
03/22/13	Phil Raffel (20)	<a href="#">01.2012.0031</a>	DEPARTMENT MANAGER APPROVED SERVICE. ASSET IS A SPECIAL MODIFICATION ASSET.
03/22/13	Phil Raffel (20)	<a href="#">01.2012.0031</a>	75% OF LIFE IS USED ON ASSET. MUST GET MANAGER APPROVAL BEFORE WORK CAN BE COMPLETED.
03/22/13	Phil Raffel (20)	<a href="#">01.2012.0039</a>	NEED TO HAVE THE FLEET MANAGER REVIEW. SERVICE MAY NOT BE REQUIRED PER SHOP MANAGER.
03/15/12	Phil Raffel (20)	<a href="#">02.2012.00007</a>	This does not work
08/09/07	Ed Caples (25)		THIS IS A DIRECT CHARGE M/C PEER DAVE 08/09/2007
06/01/07	Gerry Voivod (05)		THIS IS A NEW HARLEY FOR THE NEW SHERIFF NO REPLACEMENT





## Work Order - Labor

Take note of the delete button  at the far right of each labor entry. You can delete a labor entry line item if it has not been billed yet. No adjusting entry is required unless the line item has been billed. Each work order labor entry knows if it has been billed or not, so if the user has been granted the security rights they can delete a bad entry. No need to spend time backing out bad line items.







**Flagship Fleet** Admin Settings Dash Replace Barcode Entry Equip. Selected Fuel Center Motor Pool Work Orders My Work Add Work Order Equip. Sched. Part Center Report Center Phil Raffel STOP

WO#: 02-2012-00035  
Equip#: 0001

General Work Requests Notes Labor Parts Sublet Delays Pictures Documents

Tech: 20 Phil Raffel Hours: 1.5 Task: 13 BRAKES  
Finish: 01 ADJUST


Time Code: Repair Reason: E NOTED IN PM Task Start: 11/08/2013 7:49 AM  
Entry Format: 11/08/2013 7:50 AM

Date	Time Code	Task	Finish	Repair Reason	Tech	Hours	Hr Rate	Line Total		
11/08/13 11/08/13 7:49 AM to 11/08/13 8:49 AM	DI STANDARD DIRECT	13 BRAKES	01 ADJUST	E NOTED IN PM	20 Phil Raffel	1.5	\$77.90	\$116.85		
05/01/12 01/01/00 11:30 AM to 01/01/00 12:30 PM	DI STANDARD DIRECT	A PM SERVICE A L OF SAFETY CHK	-	P PM	20 Phil Raffel	1	\$77.90	\$77.90		
04/23/12 01/01/00 3:00 PM to 01/01/00 4:00 PM	DI STANDARD DIRECT	A PM SERVICE A L OF SAFETY CHK	-	P PM	20 Phil Raffel	1	\$77.90	\$77.90		





## Work Order - Parts

You will note this screen has a delete button  on each line item. If the wrong part was issued to the work order or you do not need the part the parts manager has the option to delete the line item. The same rules apply; if the record has not been billed users with the proper permissions can delete the line item. On any deleted part issue the record is removed and the quantity is put back into inventory (for stocked parts.) Parts managers should be the only staff with this capability because the part must be put back into the proper inventory bin.

## Warranty

Possible warranty claim? If a part has been issued before on the equipment unit the system will automatically notify the user that it has been issued before. The system will show how long ago, the vendor and what work order it was previously issued to. This notification can also show on all work orders. There is no set-up on the system required.

Admin Settings
Dash
Replace
Barcode Entry
Equip Select
Fuel Center
Motor Pool
Work Orders
My Work
Add Work Order
Equip. Sched.
Part Center
Report Center
Phil Raffel
STOP

WO#: 01-2012-0039  
Equip#: 0001
General
Work Requests
Notes
Labor
Parts
Sublet
Delays
Pictures
Documents

Inventory Part # Search
Add Part Entry
Part Request: No

Part #:   
Date: 11/20/2013  
Issue Location: 06  
Base Cost \$: 0

Part Description:   
Repair Reason: C WEAR AND TEAR  
Fail Code:   
Unit Price: 0

Task: A PM SERVICE A LOF SAFETY C  
Vendor:   
Quantity: 1  
Line Total: 0

Issue Date	Task	Reason	Part	Vendor	Unit \$	Qty	Total \$	Added By	Last Update By
11/20/2013	13 BRAKES	C WEAR AND TEAR	031025 6" BRAKE POT DIAPHRAM	P021 PARTS PLUS	\$1,140.06	1	\$1,140.06	Phil Raffel 11/20/13 8:46 AM <a href="#">Send email</a>	Phil Raffel 11/20/13 8:46 AM <a href="#">Send email</a>


**Related Non-PM Part Issues, possible warranty claim**

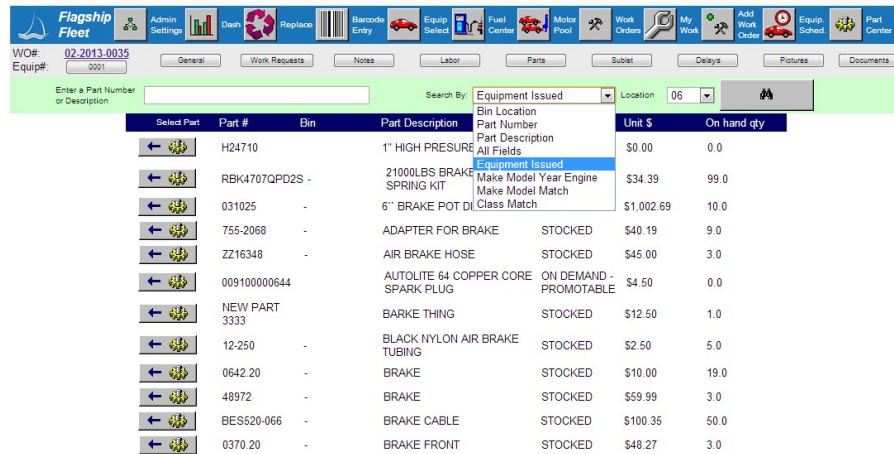
Issue Date	# of Days	Task	Reason	Part	Vendor	Unit \$	Qty	Total \$	Work Order	Added By
11/20/2011	731	13 BRAKES	C WEAR AND TEAR	031025 6" BRAKE POT DIAPHRAM 031025	P021 PARTS PLUS P021	\$1,140.06	1	\$1,140.06	04-2013-0001 	Phil Raffel 11/20/13 8:42 AM <a href="#">Send email</a>

















## Shop Floor - Parts Search

Do not know the part number, not a problem, press the inventory search button at the top right . Quickly see what parts match your equipment. You can search based on prior issues to the equipment or to different levels of make, model, year and engine. This allows the technician to make an informed decision on what parts to select for the equipment. It also means the technician does not need to make a trip to the parts counter to discuss the weather and the needed part. This capability dramatically reduced the time technicians spend at the parts counter.



The screenshot shows the Flagship Fleet Management software interface. At the top, there is a navigation bar with various icons for different functions like Admin, Settings, Dash, Replace, Barcode Entry, Equip. Selected, Fuel Center, Motor Pool, Work Orders, My Work, Add Work Order, Equip. Sched, and Part Center. Below this, there is a search bar with the text "Enter a Part Number or Description" and a "Search By" dropdown menu. The "Search By" dropdown is currently set to "Equipment Issued". To the right of the search bar, there is a "Location" dropdown menu set to "06". Below the search bar, there is a table with the following columns: "Select Part", "Part #", "Bin", "Part Description", "Unit \$", and "On hand qty". The table contains several rows of data, including parts like "1\" HIGH PRESURE", "21000LBS BRAKE SPRING KIT", "6\" BRAKE POT DI", "ADAPTER FOR BRAKE", "AIR BRAKE HOSE", "AUTOLITE 64 COPPER CORE SPARK PLUG", "NEW PART 3333", "BLACK NYLON AIR BRAKE TUBING", "BRAKE", "BRAKE CABLE", and "BRAKE FRONT".

Select Part	Part #	Bin	Part Description	Unit \$	On hand qty
	H24710		1" HIGH PRESURE	\$0.00	0.0
	RBK4707QPD2S	-	21000LBS BRAKE SPRING KIT	\$34.39	99.0
	031025	-	6" BRAKE POT DI	\$1,002.69	10.0
	755-2068	-	ADAPTER FOR BRAKE	\$40.19	9.0
	ZZ16348	-	AIR BRAKE HOSE	\$45.00	3.0
	009100000644	-	AUTOLITE 64 COPPER CORE SPARK PLUG	\$4.50	0.0
	NEW PART 3333	-	BARKE THING	\$12.50	1.0
	12-250	-	BLACK NYLON AIR BRAKE TUBING	\$2.50	5.0
	0642.20	-	BRAKE	\$10.00	19.0
	48972	-	BRAKE	\$59.99	3.0
	BES520-066	-	BRAKE CABLE	\$100.35	50.0
	0370.20	-	BRAKE FRONT	\$48.27	3.0





## Work Order - Sublet

Sublet

Any commercial/outside work can be easily tracked using the Work Order Sublet screen to capture the basic work order type and cost. In addition, you can attach the scanned commercial work order document /invoice with all the commercial notes. No need for re-typing notes just write "See notes in attached work order".

Date	Task	Reason	Vendor	Invoice	Service	Labor	Parts	Misc	Total \$	Last Update By	
05/01/2012	A PM SERVICE A LOF SAFETY CHK	P PM	B234 BARNES RADIO SERVICE	2322332	Fix the radio	\$25.00	\$50.00	-	\$75.00	Phil Raffel 05/01/12 5:50 PM <a href="#">Send eMail</a>	

## Work Order - Delays

Delays

It is important to track the delay time & delay reason when a work order is opened. If work can not be completed your service manager or technicians need to assign the proper delay code. A work order in parts delay will show in the parts center and put the parts department on alert to get the parts ASAP.

Delay Start	Delay End	Delay Hours	Delay	Task	
11/08/13 7:54 AM	-	-	M - WAITING COMMERCIAL	-	
05/07/12 9:00 AM	05/07/12 9:45 AM	0.75	OFF - MECHANIC OUT SICK OR VACATION	-	









## Work Order – Pictures

**Pictures** Sending that accident out for commercial body work to be completed? Take a few pictures of the damaged equipment and add them to the sublet/commercial work order first. Now you have a record of the damage before you send it out to be fixed. These pictures can be linked to the work order or linked to the equipment master. The work order will keep the pictures related to the equipment item and if you want to see every picture assigned to a work order or the equipment master you can see them listed in the equipment master by the date they were added. Again, all pictures added to the work order will be linked and viewable on the bottom of the work order detail report.

**Flagship Fleet**


Equipment / Work Order  
Pictures

Close the browser window  
when update complete.

Equip#:

Image Notes:


Image File:  No file chosen



**Notes:**  
Tail light detail.

Upload Date: 02/24/2012 3:53 AM  
Uploaded By: Phil Raffel  
File Name: 001934\_0026178\_0000004.JPG

WO: [01-2012-00004](#)



**Notes:**  
Damage to rear quarter panel and bumper.

Upload Date: 02/24/2012 3:51 AM  
Uploaded By: Phil Raffel  
File Name: 001934\_0026178\_0000003.JPG

WO: [01-2012-00004](#)

Right click on image for save, print and email options.

Right click on image for save, print and email options.





## Work Order – Documents

### Documents

Documents work in a similar manner to pictures. Documents assigned to a work order stay with the work order and can be viewed in date order within the equipment master record. Documents can be in Word, Excel, PDF, plain text or any format your computer workstation can recognize. Scan any sublet/commercial work order and make it part of the work order. Reduce the time needed to copy all the notes from the commercial work order by attaching a scanned copy of it.

Flagship Fleet		Equipment / Work Order Documents		Close the browser window when update complete.		Equip#:	Submit
Document Notes:		<input type="text"/>					Upload Document
Document File:		<input type="button" value="Choose File"/> No file chosen					
Upload Date	Notes	Loaded By	WO #	File Name (click to open)	Delete		
04/17/2013 3:01 PM	This is a new document, commercial work	Phil Raffel		<a href="#">001934_0000000_0000038.JPG</a>			
03/22/2013 9:07 AM	Serialized Parts Discussion	Phil Raffel	01-2012-00004	<a href="#">001934_0026178_0000037.doc</a>			
03/22/2013 9:05 AM	Special Part Numbers, Specifications	Phil Raffel	01-2012-00004	<a href="#">001934_0026178_0000036.txt</a>			
03/22/2013 9:04 AM	Special Parts Request for damaged parts	Phil Raffel	01-2012-00004	<a href="#">001934_0026178_0000035.pdf</a>			
03/22/2013 9:03 AM	Repair Spec Sheet	Phil Raffel	01-2012-00004	<a href="#">001934_0026178_0000034.csv</a>			
10/05/2012 5:25 PM	Special parts listing	Phil Raffel		<a href="#">001934_0000000_0000006.csv</a>			
10/05/2012 5:25 PM	Special requested parts billed to department	Phil Raffel		<a href="#">001934_0000000_0000007.DOC</a>			
05/01/2012 5:52 PM	Comercial Work ORder	Phil Raffel	02-2012-00035	<a href="#">001934_0026209_0000003.PDF</a>			
04/15/2012 1:58 PM	The Wilson	Phil Raffel	02-2012-00008	<a href="#">001934_0026186_0000001.pdf</a>			





## Equipment Maintenance Scheduling



There is now a way for you to schedule PM's that uses your resources effectively, enables you to monitor the load of your shop, while simultaneously provide better customer service. Have your customers do it for you. We understand that sounds crazy to any shop manager, but we have the tool to make it work.

## Shop Resource Set-up

Each shop location will set up the resources available based on class of vehicle and the number of available shop techs to perform the work. Each shop decides which days they want to schedule, you do not have to schedule for all workdays. You may want to use one day as a clean out day. The shop managers set the available resources for each shop and your customers will schedule themselves within the set resource constraints.

**Flagship Fleet**

Scheduling  
Resource Update

Seasonal Resource

Close the browser window when update complete.

01 RENO HEAVY EQUIPMENT SHOP

Update Resource Data

Resource Description: Seasonal Resource      Shop Shift: Day Shift      Available Daily Hours: 24

Minimum hours available to start a multi day service: 4      Number of service bays / schedule slots: 4

**Shop Technicians Assigned to Resource**

Shop Technician: Alex Milburn      ADD / Update

Daily Hours: 7

Sys ID#	Tech Code	Tech Name	Assigned Hours	
22	TERM6	Brad Block	7	
23	14	David Morris	7	
25	13	Miles Humphreys	7	
24	20	Phil Raffel	7	

**Equipment Classes Assigned to Resource**

Active classes assigned to this PM location: 1000      ADD / Update

Sys ID#	Class Code	Class Description	
38	2000	2000	
46	3000	1 TON GVWR TRUCK PM	
39	4000	SINGLE AXLE DUMP-FLATRACK PM	
40	5001	JET RODDER	
45	5004	HEAVY TRUCK-26000 GVWR OR MORE	
41	6000	TRAILERS	
42	7000	COUNTY OWNED LOADERS	
43	7010	EXCAVATORS/BACKHOES	
44	9000	EMERGENCY RESPONSE EQUIPMENT	





## Schedule Downtime

When technicians take vacation time or personal time, the time can be deducted from the resource availability. This works well for planned time off, dentist appointments and the kid's soccer final.

**Scheduling Downtime**  
01 RENO HEAVY EQUIPMENT SHOP

Location: - [v] [Set Location]

Start Date: 11/08/2013 [calendar icon]  
End Date: [calendar icon]  
Shop Tech: - [v]  
Reason: 01 Shop Downtime  
Resource: - [v]  
Shift: - [v]  
Daily Hours Down: 0

If "Daily Hours Down" is set to 0 and Tech is selected, hours down based on hours assigned to tech.

System ID#	Day	Hours Down	Shop Tech	Shift	Reason	
180	07/20/2013	7	Phil Raffel	Day Shift	01 Shop Downtime	[trash icon]
179	07/19/2013	7	Phil Raffel	Day Shift	01 Shop Downtime	[trash icon]
178	07/18/2013	7	Phil Raffel	Day Shift	01 Shop Downtime	[trash icon]
177	07/17/2013	7	Phil Raffel	Day Shift	01 Shop Downtime	[trash icon]
176	07/16/2013	7	Phil Raffel	Day Shift	01 Shop Downtime	[trash icon]
175	07/15/2013	7	Phil Raffel	Day Shift	01 Shop Downtime	[trash icon]
174	07/14/2013	7	Phil Raffel	Day Shift	01 Shop Downtime	[trash icon]
173	07/13/2013	7	Phil Raffel	Day Shift	01 Shop Downtime	[trash icon]
172	07/12/2013	7	Phil Raffel	Day Shift	01 Shop Downtime	[trash icon]






## Scheduler - Fleet Customer Screen

When equipment is due for service your customers will receive an email requesting they schedule a date and time to bring their equipment in for service. They can click a link and they will be presented with available dates and times. If the first email is ignored and no reservation is set then a second email is sent. If still no response after the second email, the third email can be CC'd to the department manager with a more persuasive request to schedule the equipment PM/Inspection.

The schedule availability presented to the fleet customer is based on the resource settings managed by the shop. The system knows the class of vehicle, the type of PM or inspection due, and the average time needed for completion, so the customer just selects available date and time options available at the assigned shop location. After a customer completes the PM reservation they will get a confirmation email. Then one or two days before the reservation they get a reminder email.

**PM Notification / Work Order Scheduling**  
Equipment Due for PM Service / Inspection

**Flagship Fleet Management PM Notification System!**  
Phil Raffel  
602-954-9099  
praffel@flagshipfleet.com

Equip #:	2456
PM Class:	1000
Task:	A
Task Hrs:	1
Shop:	02
Shop Hrs:	08:00 AM to 05:00 PM

November 2013

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Available Days11/9/2013Set the schedule date first, then you can pick an available time.  
Service11/9/2013  
Comments11/11/2013  
11/12/2013  
11/13/2013  
11/14/2013  
11/16/2013  
11/18/2013  
11/19/2013  
11/20/2013  
11/21/2013  
11/23/2013  
11/25/2013  
11/26/2013  
11/27/2013  
11/28/2013  
11/30/2013  
12/2/2013  
12/3/2013  
12/4/2013  
12/5/2013

Set Schedule Date  
Cancel














## Managing Scheduled Equipment

All equipment scheduled in the scheduler screen for the selected shop/day is displayed in the box in the top left of the screen. The shop manager can see at a glance who and when a service was scheduled. A service technician and work order can be assigned any time after the equipment is scheduled. To open a work order, just press the Open Work order button on the far right of the list.

<div><div> <b>Flagship Fleet</b> Build 2.1.3</div><div> Admin Settings</div><div> Equip Select</div><div> Fuel Center</div><div> Motor Pool</div><div> Work Orders</div><div> My Work</div><div> Add Work Order</div><div> Equip. Sched.</div><div> Part Center</div><div> Report Center</div><div> Equipment Scheduling Phil Raffle</div><div></div></div>													
Scheduled Equipment												Show DUE Equipment	
Equip #	License	Year	Make	Model	Class	Shop	Drop-Off	Start	End	Task	Task Hrs	Comment	Open WO
6008	WSO 003	1997	ECONOLINE	MP428DE	6000	01	06/21/2012	08:00 AM	09:00 AM	PM A-SERV	1		
4402	EX19332	1989	INTERNATIO	1800	4000	01	07/05/2012	08:00 AM	02:00 PM	PM A-SERV	6	New Comment	
2453	EX19407	2003	FORD	F-150XBIFUEL	1000	02	07/07/2012	10:00 AM	11:00 AM	PM A-SERV	1	Fix the rear tire	
2671	WSO 201	2005	CHEVROLET	TAHOE P/P 5.3 L	1000	03	09/01/2012	08:00 AM	09:00 AM	PM A-SERV	1		

The Open Work Order button is small but it provides big results. The logic behind the button does the following: If a work order is not assigned to the schedule then it will look for one that has been opened for the equipment unit. If it does not find an open work order it will open a new one. In any case the system will assign the work order to the schedule.





## Motor Pool



The motor pool screen is a marvel of simplicity. Every process concerning the act of renting vehicles is handled from this one screen. Tracking of vehicle mileage, rental rates, billing, and pool load are all managed behind the scenes, enabling your customers to get on the road quickly.

Equipment assigned to the motor pool is displayed using the availability box in the upper left of the screen. Assignments are made to classes of vehicles. The load is determined by the number of vehicles assigned for the specified time period over the total number of vehicles assigned to the selected pool location. At a glance the motor pool scheduler can see what the load is for the selected time period.

It is best to run the pool load below 80-90%. This provides a cushion for unexpected events that may occur. For sites with an outside equipment vendor for overload situations (ie: Enterprise, Zip Car), pool users will move to the vendors assigned pool class. This provides tracking of overload situations and the possible need for addition pool vehicles.

Admin Settings

Dash

Replace

Barcode Entry

Equip Select

Fuel Center

Motor Pool

Work Orders

My Work

Add Work Order

Equip. Sched.

Part Center

Report Center

Motor Pool Phil Rafter

Availability

Reservations

Dispatched

Returned

Pool Location:

01

Date Range:

11/08/2013

11/10/2013

Update Pool/Date

Availability

Reserve	Class	Class Description	Pool Total	Total Avail	Load
0111	0111	SNOW REMOVAL NOSE FLOWS	1	1	0
1000	1000	LIGHT VEHICLES	13	13	0
2000	2000	2000	1	1	0
5002	5002	STREET SWEEPERS	2	2	0
6000	6000	TRAILERS	1	1	0
7000	7000	COUNTY OWNED LOADERS	1	1	0
7010	7010	EXCAVATORS/BACKHOES	1	1	0
7041	7041	ASPHALT MILLING MACHINE	1	1	0
9000	9000	EMERGENCY RESPONSE EQUIPMENT	9	9	0





# Flagship Fleet Management

We lead the way...



## Equipment Procurement/Status

The procurement process can become over whelming in any size fleet. Equipment is delivered prepped, modified and other components may need to be added to it. Flagship keeps track of the process so the fleet manager knows at all times what is getting prepped and where things are in the queue. This also provides a tool to track the efficiency of the vendors that are delivering and modifying equipment.

Flagship Fleet Management interface showing equipment details for Equip. # 0001, Status. The form includes tabs for General, Assignment, Meter, PM / Inspect, Status, Specifications, Properties, Components, Fuel, Billing, Parts, Notes, and Work Req. The Status tab is active, displaying fields for Department (150830 SHERIFF RENO PATROL), Equip Status (DO), Warranty Date (01/02/2013), First Delivery (06/05/2008), Life Months (36), Warranty Meter (50,020), Meter at Delivery (9), Purchase Cost (\$21,059.08), Plan Disp Date (01/01/1900), Ready Date (01/01/1900), Capital Value (\$0.00), Disp Date (01/01/1900), Equip Vendor (F044), In Service Date (06/01/2007), Sale Date (01/01/1900), Vendor PO, Prev. Collected (\$0.00), Sale Price (\$0.00), Vendor PO Date (06/05/2007), Prev. Collected # Months (0), and Sold To.

### Delivery Acceptance/Modifications

Delivery Date	Approved Date	Accept Date	Paid Date	Vendor	Work Order
---------------	---------------	-------------	-----------	--------	------------

No Delivery / Modification data to display.

Ready Line

From 9/14/2004 and 12/14/2004 11:55:59 PM

EQ # Total Cost WD      WD Total      Description      Delivery      To Ready Line      # Days in Get Rdy      Vendor 1 Days      Vendor 2 Days      Vendor 3 Days      Other Delays      Shop Days

Fleet Assignments

AS - ADMIN SVCS - A RATE

1 - ACTIVE DAS FLEET

Veh No	License	Org.	Class	Description	Manufacturer	Model	Year	Meter	Fuel Type	Fuel Capac	Shop	Next PM DL	N. PM Task	Purch Price	Status	P. S
170552	170552	415200	96P-CVA	1988 DODGE B150 CARGO	DODGE	B150	1988	62,996	UN	35	SMPS	1/1/2001	1-A	\$9,772	1-	
170558	170558	107123	96P-CVA	1988 CHEV G30 CARGO	CHEV	G30	1988	31,555	UN	20	SMPS	4/1/2005	2-A	\$11,367	1-	
170598	170598	259000	96P-S80	1988 FORD E350 15PV	FORD	E350	1988	48,892	UN	0	SMPS	1/1/2001	4-A	\$16,164	1-	
174271	174271	C24071	96P-S9C	1990 PLYM ACCLAIM	PLYM	ACCLAIM	1990	73,080	UN	16	EMPS	8/26/2013	3-A	\$2,525	1-	
174276	174276	107103	96P-CPD	1988 DODGE DAWG T4X	DODGE	DAWOTA	1988	53,035	UN	15	EMPS	2/2/2014	5-A	\$11,772	1-	
174468	174468	100889	96P-PUB	1989 FORD F150 4X4	FORD	F150	1989	83,682	UN	35	PMPs	1/1/2001	2-A	\$14,065	1-	
174995	174995	107104	96P-STP	1990 CHEV												
175010	175010	635000	96P-PLA	1990 DODGE												
175202	175202	100930	96P-AWI	1990 FORD												
175228	175228	100245	96P-S9C	1990 PLYM												
175247	175247	100245	96P-S9C	1990 PLYM												
176134	176134	107115	SFR	1990 NISS												
176169	176169	639300	96P-PLU	1990 FORD												
176196	176196	590730	96P-PLU	1990 FORD												

First Delivery

From 9/14/2004 and 12/14/2004

EQ #	Description	Year	Manufacturer	Model	VIN	Delivery	Current PM LOC	Current Dept	Primary Cost
229296	2005 CHEV EXPRES	2005	CHEV	EXPRES	1GAGG25J251144726	10/21/2004	SMPS	107104	
229298	2005 CHEV EXPRES	2005	CHEV	EXPRES	1GAGG25J751143037	10/21/2004	EMPS	107106	
229299	2005 CHEV EXPRES	2005	CHEV	EXPRES	1GAGG25J751144608	10/21/2004	EMPS	107106	
229299	2005 CHEV EXPRES	2005	CHEV	EXPRES	1GAGG25J751143930	10/21/2004	EMPS	107106	
229300	2005 CHEV EXPRES	2005	CHEV	EXPRES	1GAGG25J851145461	10/21/2004	EMPS	107106	
230401	2005 CHEV EXPRES	2005	CHEV	EXPRES	1GAGG25J251143494	10/21/2004	SMPS	107104	
230402	2005 CHEV EXPRES	2005	CHEV	EXPRES	1GAGG25J051144918	10/21/2004	SMPS	107104	
230403	2005 CHEV EXPRES	2005	CHEV	EXPRES	1GAGG25J151142322	10/21/2004	SMPS	107104	
230405	2005 FORD F250 4X4	2005	FORD	F250	1FTSX215X5EAB0162	10/25/2004	SMPS	107104	
230406	2005 FORD F250 4X4	2005	FORD	F250	1FTSX21515EAB0163	10/25/2004	PMPs	635000	
230407	2005 FORD F250 4X4	2005	FORD	F250	1FTSX21535EAB0164	10/25/2004	SMPS	257000	
230408	2005 FORD F250 4X4	2005	FORD	F250	1FTSX21555EAB0165	10/25/2004	SMPS	257000	
230409	2005 FORD F250 4X4	2005	FORD	F250	1FTSX21575EAB0166	10/25/2004	EMPS	635000	
230410	2005 FORD RANGER 4	2005	FORD	RANGER	1FTZR45E15P A32834	10/25/2004	SMPS	440000	
230411	2005 FORD RANGER 4	2005	FORD	RANGER	1FTZR45E15P A32835	10/25/2004	SMPS	440000	





## Inventory Management



Stock more inventory and costs go up. Customers are happy; however, management will be asking why costs are so high. Stock less and costs go down. As the number of stock-outs delays and unhappy customers increase, management will want you to out-source your parts. Our solution is easy to use, allows your parts staff full control, while being accountable. We provide the most powerful tool available based on leading inventory management best practices

## Direct Receipts

### Direct Receipts

One screen to create a part purchase order, receipt, issues to work order and add to inventory.

PO Num	Date	Vendor	Invoice	Receipt Quantity	Work Order	WO Qty	Part
06-2013-0000076	11/08/13 8:15 AM	(NAPA AUTO & TRUCK PARTS) FINLEY	-	10.0	-	5	141167044 BRAKE CALP.





## Managing Purchase Orders

### Purchase Orders

Parts can be ordered from direct receipts or loaded onto a purchase order. Both functions work together to provide a seamless purchase order process. The parts order detail shows the individual part orders and purchase order numbers. The parts user can further drill into the purchase order to trace individual parts back to the vendor. For repeat orders users can also jump into the passed purchase orders, and copy them reducing data entry time for repeat orders.

The screenshot displays the 'Purchase Orders' section of the Flagship Fleet Management software. The top navigation bar includes icons for Admin Settings, Dash, Replace, Barcode Entry, Equip Select, Fuel Center, Motor Pool, Work Orders, My Work, Add Work Order, Equip. Sched., Part Center, Report Center, and Phil Raffel. The main content area features a 'Purchase Orders' tab and a 'NEW PO' button. Below this, there are fields for PO #, Vendor, Invoice #, Contract #, Open Date, Part #, Part Description, Order Quantity, and Base Cost. A table at the bottom lists existing purchase orders with columns for PO #, Order Date, Exped Date, Vendor, Invoice #, Contact #, and Status.

PO #	Order Date	Exped Date	Vendor	Invoice #	Contact #	Status
06-2012-0000026	07/17/12	07/17/12	PLAZA AUTO PARTS	-	-	Closed
06-2012-0000025	07/17/12	07/17/12	PLAZA AUTO PARTS	-	-	Closed
06-2012-0000024	07/17/12	07/17/12	PLAZA AUTO PARTS	-	-	Closed
06-2012-0000023	07/17/12	07/17/12	PLAZA AUTO PARTS	-	-	Closed
06-2012-0000027	07/17/12	07/17/12	(NAPA AUTO & TRUCK PARTS) FINLEY	-	-	Open
06-2012-0000022	07/05/12	07/05/12	TRUCK PARTS AND EQUIPMENT	-	-	Closed
06-2012-0000021	07/05/12	07/05/12	TRUCK PARTS AND EQUIPMENT	-	-	Closed
06-2012-0000020	07/05/12	07/05/12	TRUCK PARTS AND EQUIPMENT	-	-	Closed
06-2012-0000019	07/05/12	07/05/12		-	-	Closed
06-2012-0000013	05/11/12	05/11/12		-	-	Closed
06-2012-0000018	05/11/12	05/11/12		-	-	Closed
06-2012-0000017	05/11/12	05/11/12	(NAPA AUTO & TRUCK PARTS) FINLEY	-	-	Closed
06-2012-0000016	05/11/12	05/11/12	(NAPA AUTO & TRUCK PARTS) FINLEY	-	-	Closed







# Flagship Fleet Management

We lead the way...

## Part Search Tool



From work orders and/or the parts center part and equipment technicians can quickly see what parts have been issued to a specific equipment unit or do a variant of Make / Model / Year / Engine search. They can also look parts up by any of the other identifying part codes and locations.

Flagship Fleet

Admin Settings Dash Replace Barcode Entry Equip Select Fuel Center Motor Pool Work Orders My Work Add Work Order Equip. Sched.

WO#: 01-2013-0065  
Equip#: 1000

General Work Requests 1 Notes Labor Parts Sublet Delays Pictures Documents

Enter a Part Number or Description

Search By: Equipment Issued Location: 06

Select Part	Part #	Bin	Part Description	Unit \$	On hand qty
	027998001918		19" TRICO EXAC PASSENGER SIDE WINDSHIELD WIPER	\$9.75	4.0
	RBK4707QPD2S -		21000LBS BRAKE SPRING KIT	\$34.39	104.0
	031025	-	6" BRAKE POT DIAPHRAM	STOCKED \$1,002.69	10.0
	ZZ16348	-	AIR BRAKE HOSE	STOCKED \$45.00	3.0
	15268219	-	BRACKET	STOCKED \$16.99	0.0
	99999	99999	BRAKE CLAMP FOR PHIL	ON DEMAND - PROMOTABLE \$12.50	0.0
	12335B-1	gh-120-#	BRAKE THING	ON DEMAND - PROMOTABLE \$35.20	0.0
	AAA_23433434		BRAKE THING	STOCKED \$55.00	24.0
	123456789		BUS PART	ON DEMAND - PROMOTABLE \$56.00	0.0
	39009	-	EXPANSION VALVE	STOCKED \$44.58	0.0

## Make / Model / Year / Engine

These fields are highlighted in blue because they are critical to optimizing parts searches. With this captured data parts staff can quickly see what parts have been previously issued to the equipment unit and/or units of similar Make/Model/Year/ & Engine. This can save a great deal of time, and facilitates parts selection from the shop floor.

Make:

FORD

Model:

EXPLORER

Year:

1995

Engine:





## Parts Inventory Tracking/Maintenance

### Inventory

Parts can be tracked using distributed inventory method. Parts can be maintained/ordered/received from multiple parts locations and/or a central parts warehouse location. At a glance the parts professional can see all the activity of individual parts from one screen. The monthly activity of issues to work orders, orders from vendors, transfers to other parts locations and adjustments are displayed in monthly totals in the center of the screen. Any user can 'drill down' into any data element displayed on the screen. To view the details of any section select the month and press one of the four buttons at the bottom.

Admin Settings

Dash

Replace

Barcode Entry

Equip Select

Fuel Center

Motor Pool

Work Orders

My Work

Add Work Order

Equip Sched

Part Center

Report Center

Phil Ruffel

STOP

Direct Receipts

Purchase Orders

Inventory

Part Manager

Transfers

Vendors

Requests

Snapshots

06 - PARTS WAREHOUSE

Set Part Location

Add Part

Part Number:

Description: brake%

Category: AIR

Status: STOCKED

Preferred Vendor: (NAPA AUTO & TRUCK PARTS) FINLEY

Current Issue Price: 0

Bin Location:

Enter Part Search Description: brake%

Search By: All Fields

Part Code	Part Description	Preferred Vendor	Category	Current Unit Price	Federal Funded	ADO Date	Last WO Issued	On Hand	On Stocked	M	Y	L	Update	Merge	Del
0642.20	BRAKE	-	NEW	\$10.00	-	10/13/2010	01-2012-0012	19	Yes	-	1	2			
10510470	BRAKE	-	NEW	\$75.00	-	01/05/2010	02-2009-03495	2	Yes	-	1	1			
1068.10	BRAKE	-	NEW	\$71.51	-	05/07/2010	01-2012-0028	1	Yes	-	-	2			
48972	BRAKE	FERNLEY NAPA AUTO PARTS	NEW	\$59.99	-	09/01/2011	01-2012-00005	3	Yes	-	3	4			
48973	BRAKE	-	NEW	\$59.99	-	09/01/2011	01-2012-00003	0	Yes	-	1	2			
AE-10745PB	BRAKE	-	BRAKE	\$23.83	-	11/05/2004	02-2012-00003	0	-	-	-	-			
C1047	BRAKE	-	NEW	\$44.64	-	04/01/2011	01-2013-0005	9	Yes	-	2	3			
C1055	BRAKE	CSK AUTO/ J O'REILLY	NEW	\$42.74	-	04/01/2011	02-2012-00003	0	Yes	-	-	1			
POS-I-Q	BRAKE	-	BRAKE	-	-	06/09/2009	02-2012-00003	0	-	-	-	-			
417493	BRAKE ACTUATOR PIN	-	BRAKE	\$117.18	-	03/29/2010	02-2012-00003	0	Yes	-	-	8			





# Flagship Fleet Management

We lead the way...

## Parts Management

### Part Manager

See at a glance part activity for the last year and see the movement detail for a specific month at a glance. Activity can be viewed by part number, location, part category code, vendor, status, etc. A picture can be attached to the parts record for clarification. We had a little fun with the picture of the Harley below.

**Flagship Fleet**

**Part 0642.20 Master**  
**06 PARTS WAREHOUSE**

Update Part

Close the browser window when update complete.

Part Number: 
 Description: 
 Category:

Status: 
 Preferred Vendor: 
 Current Issue Price:

Last Issue Date: 
 Last WO #: 
 Bin Location:

(Stocked part only.)

**Movement Summary By Month**

Month	Order Qty	Order Val	Order Avg	Rec. Qty	Rec. Val	Rec. Avg	Issue Qty	Issue Val	Issue Avg	Tran IN Qty	Tran OUT Qty	Adjust IN Qty	Adjust OUT Qty
11/2013	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	0	0	0
10/2013	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	0	0	0
09/2013	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	0	0	0
08/2013	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	0	0	0
07/2013	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	0	0	0
06/2013	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	0	0	0
05/2013	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	0	0	0
04/2013	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	0	0	0
03/2013	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	0	0	0
02/2013	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	0	0	0
01/2013	1	\$43.92	\$43.92	1	\$43.92	\$43.92	1	\$43.92	\$43.92	0	0	0	0
12/2012	30	\$1,317.60	\$43.92	20	\$878.40	\$43.92	0	\$0.00	\$0.00	0	0	0	0
11/2012	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	0	0	0

**Movement Detail for November, 2013**

**Part Orders**

PO Num	Order Qty	Order Unit\$	Order Val\$	Rec. Qty	WO Qty	Order Date	Expect Date	Close Date	Work Order	Equip #	Vendor	Invoice

**Part Receipts**

PO Num	Receipt Qty	Receipt Unit\$	Receipt Val\$	Receipt Date	WO Num	Equip #	Rec. Emp.

**Work Order Issues**

PO Num	Issue Qty	Issue Unit\$	Issue Tot\$	Issue Date	Work Order	Equip #	Vendor	Invoice

Remove Image

Location	Bin	Stock Status	Current Issue Price	On Hand Quantity	On Order Quantity
06 PARTS WAREHOUSE	-	STOCKED	\$10.00	19	0

Alias Code 
 Alias Description 
 Type





# Flagship Fleet Management

We lead the way...

## Part Location Transfers

### Transfers

Parts can be transferred from one parts location to another. Parts are bundled together into a transfer and "sent" to the new location. On the receiving side of the transfer the parts are added to the receiving locations inventory. Each transaction creates a Transaction # that is available for drill down to the detail.

Flagship Fleet									
Admin Settings Dash Replace Barcode Entry Equip Select Fuel Center Motor Pool Work Orders My Work Add Work Order Equip Sched Part Center Report Center Phil Raffel STOP									
Direct Receipts Purchase Orders Inventory Part Manager Transfers Vendors Requests Snapshots									
06 - PARTS WAREHOUSE Set Part Location Start 10/29/2012 End 11/10/2013 Set Transfer Date Range Add Part Transfer									
Tran #	From Loc	To Loc	Status	Request Date	Execute Date	Accept Date	Decline Date	Part Transfer Description	
2020	06 PARTS WAREHOUSE		Open	07/15/2013	-	-	-	NEW PART TRANSFER	
2018	06 PARTS WAREHOUSE	CMG CENTRAL MAINTENANCE GARAGE	Closed: Accepted	07/11/2013	07/15/2013	07/15/2013	-	NEW PART TRANSFER	
2017	06 PARTS WAREHOUSE		Open	08/05/2013	-	-	-	NEW PART TRANSFER	
2016	06 PARTS WAREHOUSE		Open	05/23/2013	-	-	-	NEW PART TRANSFER	
2013	06 PARTS WAREHOUSE	106 PARTS SUPPLIES	Closed: Accepted	01/28/2013	01/28/2013	01/28/2013	-	NEW PART TRANSFER	
2014	06 PARTS WAREHOUSE	106 PARTS SUPPLIES	Closed: Accepted	01/28/2013	01/28/2013	01/28/2013	-	NEW PART TRANSFER	
2015	106 PARTS SUPPLIES	06 PARTS WAREHOUSE	Closed: Accepted	01/28/2013	01/28/2013	01/28/2013	-	NEW PART TRANSFER	
2012	06 PARTS WAREHOUSE		Open	01/08/2013	-	-	-	NEW PART TRANSFER	
2011	06 PARTS WAREHOUSE	05 GERLACH HEAVY EQUIPMENT SHOP	IN Transit	12/20/2012	12/20/2012	-	-	NEW PART TRANSFER	

## Open Parts Transfer adding part(s) to transfer



Flagship Fleet		Part Transfer #2012 Location 06		Close the browser window when update complete.	
Part Transfer #2012		Execute Transfer		Update Transfer	
FROM Location:	06 - PARTS WAREHOUSE	TO Location:	04 - INCLINE HEAVY EQUIPM	Transfer Status:	Open
Request Date:	01/08/2013	Work Order #:		Execute Date:	
Description:	NEW PART TRANSFER	Equip #:		Accept Date:	
Added By:	Phil Raffel 01/08/13 10:27 PM			Decline Date:	
Inventory Part # Search		Add/Update Part In Transfer			
Part Number:		Tran Quantity:			
Parts In Transfer					
Part	Unit Price	Tran Qty.	Reject	Rejected By	Line Status
BES520-066 BRAKE CABLE	\$100.35	10			Open
48972 BRAKE	\$59.99	3			Open





## Executed Parts Transfer from Sending Location



Flagship Fleet		Part Transfer #2011 Location 06		Close the browser window when update complete	
Part Transfer #2011		<input checked="" type="checkbox"/> Accept Transfer	<input type="checkbox"/> Reject Entire Transfer		
FROM Location:	06 - PARTS WAREHOUSE	TO Location:	05 - GERLACH HEAV Y EQUIPMENT SHOP	Transfer Status:	IN Transit
Request Date:	12/20/2012	Work Order #:		Execute Date:	12/20/12
Description:	NEW PART TRANSFER	Equip #:		Accept Date:	
Added By:	Phil Raffel 12/20/12 1:13 AM			Decline Date:	
<b>Parts In Transfer</b>					
Part	Unit Price	Tran Qty.	Reject	Rejected By	Line Status
10510470 BRAKE	\$41.00	15	<input type="checkbox"/>		IN Transit

## Accepted Completed parts transfer from Receiving Location



Flagship Fleet		Part Transfer #2015 Location 06		Close the browser window when update complete	
Part Transfer #2015					
FROM Location:	106 - PARTS SUPPLIES	TO Location:	06 - PARTS WAREHOUSE	Transfer Status:	Closed: Accepted
Request Date:	01/28/2013	Work Order #:		Execute Date:	01/28/13
Description:	NEW PART TRANSFER	Equip #:		Accept Date:	01/28/13
Added By:	Phil Raffel 01/28/13 10:49 PM			Decline Date:	
<b>Parts In Transfer</b>					
Part	Unit Price	Tran Qty.	Reject	Rejected By	Line Status
AAA_23433434 BRAKE THING	\$55.00	10			Accepted







## Inventory Reconciliation

### Inventory

The adjustment screen is easy to use. It provides a means for tracking the reasons for parts that seem to slip from the system (shrinkage). While users are not required to enter their name, the system automatically creates an audit trail record that includes the user identification, time and date on the parts adjustments report. This makes it possible to track down problem areas.

Flagship Fleet														
<div> <div>Admin Settings</div> <div>Dash</div> <div>Replace</div> <div>Barcode Entry</div> <div>Equip. Select</div> <div>Fuel Center</div> <div>Motor Pool</div> <div>Work Orders</div> <div>My Work</div> <div>Add Work Order</div> <div>Equip. Sched.</div> <div>Part Center</div> <div>Report Center</div> <div>Phil Raffel</div> <div>STOP</div> </div>														
<div> <div>Direct Receipts</div> <div>Purchase Orders</div> <div>Inventory</div> <div>Part Manager</div> <div>Transfers</div> <div>Vendors</div> <div>Requests</div> <div>Snapshots</div> </div>														
<div> <div>Enter a Bin Location, Part Number or Description</div> <div>brake%</div> <div>Search By: All Fields</div> <div>Location: 06 - PARTS WAREHOUSE</div> </div>														
Part Code	Part Description	Bin Code	New Count	Adj. Reason	Adj. Comment/Return Invoice		Last Count	Count Date	Last Reason	Qty OH	Snap OH 10/30/2013	Snap Balance	Value	Qty Ord.
0642.20	BRAKE			OK			19	12/30/12	OK	19	19	0	\$190.00	0
10510470	BRAKE			OK			0	12/30/12	OK	2	2	0	\$100.00	0
1058.10	BRAKE			Cyclic										
				Damage			1	10/31/13	Lower	1	2	-1	\$71.51	0
48972	BRAKE			Found										
				Key punch			2	12/19/12	Found	3	3	0	\$179.97	0
48973	BRAKE			Lost										
				Lower			0	12/19/12	Found	0	0	0	\$0.00	0
C1047	BRAKE			Obsolete										
				OK			0	12/19/12	Cyclic	9	9	0	\$401.78	0
C1055	BRAKE			Return										
				Salvage						0	0	0	\$0.00	0
417493	BRAKE ACTUATOR PIN			Transfer						0	0	0	\$0.00	0
				Wrong										
6C3Z-2A835-GB	BRAKE CABLE			OK			113	12/30/12	OK	106	106	0	\$7,868.38	0
BES520-066	BRAKE CABLE			OK			50	12/30/12	OK	50	50	0	\$5,017.50	0

## Inventory Count/Snapshots

### Snapshots

At any time the parts manager can take a snapshot of current inventory. This can be used when conducting any physical inventory. Just before you start a physical inventory take a snapshot of the inventory. All through the inventory process users at all levels can see where the inventory started.

Flagship Fleet														
<div> <div>Admin Settings</div> <div>Dash</div> <div>Replace</div> <div>Barcode Entry</div> <div>Equip. Select</div> <div>Fuel Center</div> <div>Motor Pool</div> <div>Work Orders</div> <div>My Work</div> <div>Add Work Order</div> <div>Equip. Sched.</div> <div>Part Center</div> <div>Report Center</div> <div>Phil Raffel</div> <div>STOP</div> </div>														
<div> <div>Direct Receipts</div> <div>Purchase Orders</div> <div>Inventory</div> <div>Part Manager</div> <div>Transfers</div> <div>Vendors</div> <div>Requests</div> <div>Snapshots</div> </div>														
<div> <div>06 - PARTS WAREHOUSE</div> <div>Set Part Location</div> <div>Capture Inventory Snapshot</div> <div>Snapshot Desc/Comment</div> </div>														
Select	Year	Month	Date	Stocked Parts Total	Created By	Comments								
Select	2013	October	10/31/13 12:14 PM	4,380	20, Phil Raffel	Test 3								
Select	2013	October	10/31/13 12:03 PM	4,380	20, Phil Raffel	Test 2								
Selected	2013	October	10/30/13 11:50 AM	4,380	20, Phil Raffel	Test								





## Part Serialization



Parts that can be in service on more than one equipment unit can be a serialized part. Tires are a good example. A tire can be fixed/re-treaded several times and be in service on multiple equipment units. Flagship provides a simple way to create, track and re-assign parts from the serialized parts module or from work orders. The process of keeping track of the assignment miles/hours and dates are handled automatically by the Fleet application.

**Serial ID 1, Assignment**

General Assignment Work Orders

Equipment Assignment: 0002  
Life Meter: 88,923  
I C CORPORATION RE SB 2006

Location Assignment: PT - PUBLIC TRANSIT GARAGE

Re-Assign Serialized Part

Type in a new equipment unit and/or location and press the update button to change assignment.  
Make sure the life meters are correct for both the new/old equipment assignments.

Assignment #	Equip #	Location	Start Date	Start Life Meter	End Date	End Life Meter	Assnd. Use	Assnd. Days	Comment/Position
1	0001	PT	01/01/2015	72,345	02/15/2015	82,644	10299	45	
2	0002	PT	02/15/2015	79,000	-	-	9,923	14	Left Front

The ease of use is the power behind the Flagship Parts Serialization module; shop techs can easily serialize a new part or re-assign an existing part from the work order parts screen.

WO#: PT-2015-0573  
Equip#: 2006

General Work Requests Notes Labor Parts Sublet Delays Telematics Pictures Documents

**Updating Part# 828012000, ACUATOR ARM**

Part #: 828012000 Part Description: ACUATOR ARM Task: 00H REPAIR OR REPLACE SEAT

Issue Date: 02/16/2015 Repair Reason: C WEAR AND TEAR Vendor: ATKINS AUTOMOTIVE CO.NAPA

Issue Location: PT, PUBLIC TRANSIT GARAGE Fail Code: Issue Quantity: 1

Base Cost \$: 75.4400 Unit Price: \$82.98 Line Total: \$82.98

Invoice Number: 022804

Part Serialization

Serial Num: Comment/POS: Create New Serialization

No other existing serializations for this part.

Issue Date	Task	Reason	Part	Vendor	Invoice #	Base Unit Price \$	Unit Price \$	Qty	Base Total \$	Total \$	Last Update By
02/16/2015	00H REPAIR OR REPLACE SEAT	C WEAR AND TEAR	828012000 ACUATOR ARM	ATKIN084 ATKINS AUTOMOTIVE CO.NAPA	022804	\$75.44	\$82.98	1	\$75.44	\$82.98	DEMO 02/28/15 6:48 PM

Once the serialization record is created (by pressing the add button.) A unique serial ID is created by the system that can be branded or tapped on to a core. The part is now related to the equipment unit for as long as it is in service on that equipment unit. At the time the part is to be fixed or re-assigned all the related assignment information will stay with the serialized part as it moves through its own independent life cycle.

Issue Date	Task	Reason	Part	Vendor	Invoice #	Base Unit Price \$	Unit Price \$	Qty	Base Total \$	Total \$	Last Update By
02/16/2015	00H REPAIR OR REPLACE SEAT	C WEAR AND TEAR	828012000 ACUATOR ARM	ATKIN084 ATKINS AUTOMOTIVE CO.NAPA	022804	\$75.44	\$82.98	1	\$75.44	\$82.98	DEMO 02/28/15 6:48 PM

Any time a shop tech looks through work order or equipment parts assignment data they will see the associated part serialization identifier. Pressing the button will take the user to the parts serialization master information about the part. All related work orders, prior assignments and master information is provided from this one button.





# Flagship Fleet Management

We lead the way...

## Fuel



Flagship is open to any and all integration with your fuel vendors, fuel system suppliers or 3<sup>rd</sup> party fuel vendors (batch option). We support real-time fuel transaction posting (seconds after the transaction is finished at the pump a correctly priced fuel transaction exists in the Fleet System with a meter update.

The screenshot displays the Flagship Fleet Management software interface. At the top, there are logos for PetroVend, GASBOY, OPW, INCON, and MULTIFORCE. Below these, the 'Fuel Log' window is open, showing a table of fuel transactions. The table has columns for Site, Type, Occurred, Meter, Vehicle, Driver, Quantity, and Product. The 'Vehicles' window is also open, showing details for vehicle #00123, including properties like %Limit, AVG MPG, Card Type, Entry Type, Fuel Tax, Issued, Pinl, and XRef. The 'Driver' window is open, showing details for driver \*HPSOLO, including Solo, FuelForce, and a timestamp of 12/05/99 04:47:45 AM.

Site	Type	Occurred	Meter	Vehicle	Driver	Quantity	Product
005	S	08/29/2000 06:00:01	0111 S	*TL S	*TL S	837.000	LFC
005	S						
005	S						
005	S						
005	S						
005	S						
005	S						
005	S						
005	S						
005	S						

Vehicle = #00123

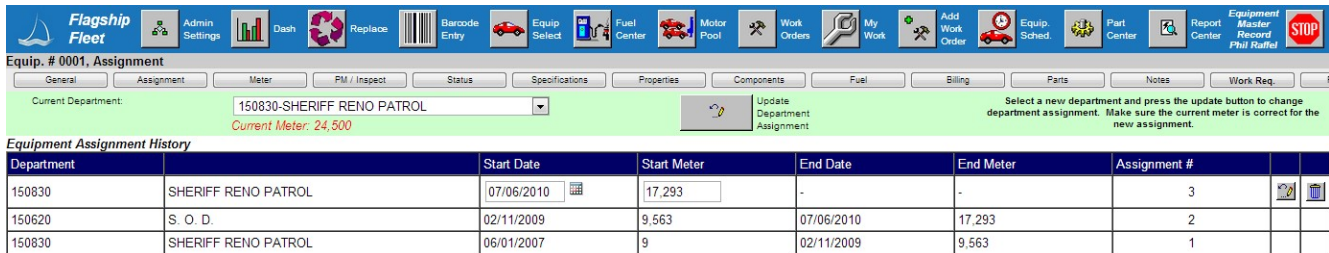
Property	Value
%Limit	100
AVG MPG	15
Card Type	1
Entry Type	4
Fuel Tax	S
Issued	08/19/1992
Pinl	
XRef	104789

Driver: \*HPSOLO, Solo, FuelForce

12/05/99 04:47:45 AM



## Usage



The screenshot shows the 'Equip. # 0001, Assignment' screen. The 'Current Department' is set to '150830-SHERIFF RENO PATROL' with a 'Current Meter' of 24,500. Below this is the 'Equipment Assignment History' table.

Department	Start Date	Start Meter	End Date	End Meter	Assignment #
150830	07/06/2010	17,293	-	-	3
150620	02/11/2009	9,563	07/06/2010	17,293	2
150830	06/01/2007	9	02/11/2009	9,563	1

Equipment usage can be billed in two ways, long term or short term. Rates are determined by the department and rate assignments. Long-term billing includes those assets assigned to a department or an organizational unit number and costs are billed monthly. Equipment assigned to a short-term rental or motor pool department is billed by individual rental through the Motor Pool Module and can be billed as they occur or included in the monthly billing statement sent to each department.





## Billing

The billing module manages all information for Maintenance; Fuel, short and long term use assignment and other user defined billing items. When you run the bill in Flagship all data that can be used in the bill (labor, parts, fuel, usage, etc.) is updated with a current billing month date. In effect each transaction/line item gets a billing date and is from point forward un-modifiable and can not be delegated. Other billing items are loaded from a standard file format or can be entered directly.

The billing process updates billable data within Flagship with a (bill date stamp) and prepares/summarizes the data for billing. Because each government entity bills differently; the monthly process is modified to deal with customer specific billing requirements. The finished custom reports can be printed, merged to a word document, and/or sent via Email. Most sites require an external data interface, so the monthly bill can be loaded into the accounting system. Flagship has done this multiple times, and the process is always the same. Just ask the accounting folks how they require the file data organized and deliver per the accounting department's requirements. This file data is also created at the time the monthly bill is processed.

Flagship takes billing very seriously and we are proud that our historical billing data, export file, and the transactional data balances with the data loaded into the financial system. Should you ever be audited your transaction data, and historical billing data, will be checked against the fleet billing data loaded into the financial system. Any discrepancies between the fleet data and the financial data raise serious red flags for the auditor and prompt an even more detailed financial audit review.

Bill Month	Start Date	End Date	Process Date	Loaded By	Replace \$	Usage	Usage \$	Fuel Qty	Fuel \$	Direct \$	Admin \$	Total \$	Lock Bill	Reprocess
02/2013	02/01/2013	03/01/2013	10/24/2013 4:54 PM	20	-	12,079	\$1,320.00	121	\$475.59	-	\$23,452.50	\$25,248.09		
01/2013	01/01/2013	02/01/2013	02/27/2013 7:02 PM	20	\$141,895.41	-	-	31	\$129.05	-	\$23,683.50	\$165,807.96		-
09/2012	08/16/2012	09/15/2012	12/20/2012 3:18 PM	20	\$141,871.75	3,776,946	\$10,239.44	168	\$697.18	-	\$23,346.00	\$176,154.38		-
12/2011	-	-	09/21/2012 11:55 PM	-	\$80,404.98	2,468,857	-	191,246	\$441,211.19	-	\$23,302.50	\$544,919.66		-







## Reports



We are reporting and analysis driven. We have taken our 8 years of fleet management reporting experience to create a carefully organized set of report that gives users what they need quickly and easily to make the most informed and cost effective decisions.

Report can be rendered as an Excel Spreadsheet and/or as a PDF, sharable with anyone with PDF ready or an excel document. If you want can print to your printer too!

Flagship Fleet			
<a href="#">Admin Settings</a> <a href="#">Dash</a> <a href="#">Replace</a> <a href="#">Barcode Entry</a> <a href="#">Equip. Select</a> <a href="#">Fuel Center</a> <a href="#">Motor Pool</a> <a href="#">Work Orders</a> <a href="#">My Work</a> <a href="#">Add Work Order</a> <a href="#">Equip. Sched.</a> <a href="#">Part Center</a> <a href="#">Report Center</a> <a href="#">Report Center Pull Refresh</a>			
Set report criteria & run report	Name	Description	Report Type: <span>Shop</span> <span>Update</span>
	Breakdown Analysis	List of Towed in Vehicles by location (shop) and specified date range.	<a href="#">Equipment</a> <span>Update</span> <a href="#">Labor</a> <span>Update</span> <a href="#">Parts</a> <span>Update</span> <a href="#">Shop</a> <span>Update</span> <a href="#">Fleet</a> <span>Update</span> <a href="#">Schedule</a> <span>Update</span> <a href="#">Motor Pool</a> <span>Update</span> <a href="#">PM / Inspections</a> <span>Update</span> <a href="#">Billing</a> <span>Update</span> <a href="#">Replacement</a> <span>Update</span>
	Closed Work Order Count	Count of closed work orders by date for all location grouped by job type (Repair/PM)	<span>Update</span>
	Closed Work Orders	All work orders closed for specific shop, date range	<span>Update</span>
	Closed Work Orders - w/detail	All work orders closed for specific shop, date range. Shows Parts, Labor, Commercial detail, work order comments and notes.	<span>Update</span>
	Commercial Charges	List of all commercial work order charges with related contract information.	<span>Update</span>
	Contract Activity	List of all contract items related to part and commercial orders and issues.	<span>Update</span>
	Equipment Assigned to Repair Location	Active / Work Approved equipment assigned to the selected shop location for PM Services. Sorted by Equipment number.	<span>Update</span>
	NON-Closed Work Orders	List of all work orders that are not closed.	<span>Update</span>
	NON-Closed Work Orders - Dept	List of all work orders that are not closed for the selected department	<span>Update</span>
	Pending Resource Requirements	Pulls pending work based on the work orders in the selected delay status. All tasks with a pending status are shown with associated time estimates. Time estimates are made based on the completed work for the selected date range.	<span>Update</span>
	Shop Downtime Analysis	Detail Listing of Downtime by Work Order.	<span>Update</span>
	Task Codes	List of all task codes by type.	<span>Update</span>
	Task Time Analysis	Summary of Tasks performed ranked by Employee. Query by shop & date range.	<span>Update</span>
	Work Order Authorization	Open work orders with current value of assigned labor, parts and commercial issues, sort in descending order by value.	<span>Update</span>
	Work Order Downtime	Downtime by work order for selected shop and date range.	<span>Update</span>





## Vehicle History by Task Code

10/05/2012

Date Range Between 04/19/2001 and 05/20/2011

Equipment # 0001 WSM Current Meter 21,600

Class 1511 COMPACT PICKUP 2WD

Task		Issue Type	Repair Reason	WO Close Date	WO Number	WO Meter	Labor Hrs.	Labor Cost
02	CAB FIXTURES	SubLet	Z	07/20/09	02-2009-	12,276	0.0	\$74.80
	<b>Part #</b>	<b>Bin Location</b>	<b>Part Description</b>		<b>Vendor</b>		<b>Qty</b>	<b>Cost</b>
	56512-02C		HEATED GRIP		H086 HARLEY-DAVIDSON OF		1	\$202.35
	56512-02C		HEATED GRIP		H086 HARLEY-DAVIDSON OF		-1	\$-202.35
07	MOUNTED BODY	Labor	Z	10/07/10	01-2010-	18,729	3.0	\$206.52
07	MOUNTED BODY	Labor	B	02/03/11	01-2011-	18,650	0.5	\$34.42
07	MOUNTED BODY	Labor	Z	03/22/11	01-2011-	18,958	0.5	\$34.42
07	MOUNTED BODY	SubLet	B	02/03/11	01-2011-	18,650	0.0	\$68.00
07	MOUNTED BODY	SubLet	Z	03/22/11	01-2011-	18,958	0.0	\$35.00
13	BRAKES	SubLet	Z	03/22/11	01-2011-	18,958	0.0	\$374.00
13	BRAKES	Labor	Z	10/07/10	01-2010-	18,729	1.5	\$103.26
	<b>Part #</b>	<b>Bin Location</b>	<b>Part Description</b>		<b>Vendor</b>		<b>Qty</b>	<b>Cost</b>
	PL17210465		BRAKE PADS		S07 STREET RIDER OF RENO		3	\$101.98
17	TIRES/TRACKS	Labor	Z	10/07/10	01-2010-	18,729	1.0	\$68.84





**Reporting List Out of the Box** each reports needs a better description of what it provides

## Billing Reports

Name	Description
Billing Shop	Billing Shop
Billing Summary	Summary by department of all amounts billed during the selected month.
Depreciation Monthly Detail	Depreciation Monthly Detail
Depreciation Schedule	Depreciation for the selected billing month
Fuel Purchases	Fuel purchases by department for the selected month.
High Mile	Equipment that show a high amount of use based on a set cut off.
High Mile Eq Sort	Equipment that show a high amount of use based on a set cut off sorted by equipment unit number.
Monthly Billing CPM	Monthly Billing CPM
Motor Pool Charges	Motor Pool Charges
No Miles	No use with-in the selected billing dates
No Miles fuel billed	No use miles and fuel billed with-in the selected billing dates
O & M Charges	Total Operations & Maintenance Charges by department for the selected month. Report only uses first date.
O & M Summary	O & M Summary
Replacement Charges	Replacement Charges Detail by department for the selected month.
Shop Services	Shop Services by department for the selected month.

## Equipment Reporting

Name	Description
Fuel Transactions	Listing of fuel transactions for selected equipment unit and date range.
PM/Repair History	Listing of all work orders for the selected vehicle. The average monthly PM/Repair cost is calculated based on the in-service date of the vehicle.





PM/Repair History w/ Tasks	Listing of all work orders for the selected vehicle. The average monthly PM/Repair cost is calculated based on the in-service date of the vehicle. With work order task summary and notes.
PM/Repair History w/ Tasks NC	Listing of all work orders for the selected vehicle. The average monthly PM/Repair cost is calculated based on the in-service date of the vehicle. With work order task summary and notes. Does not show work order charges.
Vehicle History by Date	List of all PM/Repair/Inspection tasks performed on a selected equipment. The report is sorted by date each task was performed. This is valuable to show how many time a specific task has been performed on the vehicle.
Vehicle History by Task Code	List of all PM/Repair/Inspection tasks performed on a selected equipment. The reports is sorted by task code. This is valuable to show how many time a specific task has been performed on the vehicle.







## Fleet Reporting

Name	Description
First Delivery	First delivery of equipment for the specified date range and fleet code.
Fleet Assignments	Current Fleet assignments for equipment. Sorted by Equipment number.
Fleet Assignments - Class	Current Fleet assignments for equipment. Sorted by Class.
Fleet Assignments - Dept	Current Fleet assignments for equipment. Sorted by Dept..
Fleet Assignments - License	Current Fleet assignments for equipment. Sorted by License.
Fleet Assignments - Location	Current Fleet assignments for equipment to assigned PM location.
In Service	In-service equipment for the specified date range and company code.
Registration Due	Equipment with registration due with-in 30 days.
Retired Equipment	Equipment Retired between the selected date range.
Sold Equipment	Equipment Sold between the selected date range.

## Labor Reporting

Name	Description
Direct VS Indirect by Employee	Direct VS Indirect by Employee. Comparison of Direct and Indirect labor. Indirect Labor is any labor not assigned to a work order.
Direct VS Indirect by Location	Direct VS Indirect by Location. Comparison of Direct and Indirect labor. Indirect Labor is any labor not assigned to a work order.
Employee Daily WO Count	Open work order count by day for selected shop and date range. Report is run for one month. The employee is identified on the work order header as the assigned employee.
Employee Daily WO Hours	Work order labor hours by day for selected shop and date range. Report is run for one month.





Employee Labor Day Report	List of labor entries for the selected day and employee. This report can be used by the shop managers to make sure employees are properly entering their time into the fleet management system.
Employee Open WO Count by Day	Count of labor issues by day, employee, selected shop and date range. Report is run for one month.
Labor Summary by Month - Employee Location	Monthly labor for all employees who performed work orders in selected location. Employee current assigned location displayed.  FOR DIRECT TIME ONLY.
Location Labor Day Report by Employee	List of labor entries for the selected day and employee. This report can be used by the shop managers to make sure employees are properly entering their time into the fleet management system.
Location Labor Day Report by Employee WO Comments	List of labor entries for the selected day and employee. This report can be used by the shop managers to make sure employees are properly entering their time into the fleet management system.
Location Labor Summary by Employee, Task, Shop	Summary of Employee Labor by task. Query by shop & date range.
Location Summary by Employee	Summary of Employee Labor in shop by time code date range
Location Task Detail by Employee	Employee work order and task summary for specified time period
Location Work Order Detail by Employee	Work orders performed by employee by selected location and date range.

## Motor Pool Reports

Name	Description
Motor Pool Daily Utilization	Motor Pool Daily Utilization, All Reserved, Dispatched and Returned reservations for the selected time period.
Motor Pool Daily Utilization Detail	Motor Pool Daily Utilization Detail, All Reserved, Dispatched and Returned reservations for the selected time period.
Motor Pool DOW Utilization	Motor Pool Daily Utilization on each day of the week, All Reserved, Dispatched and Returned reservations for the selected time period.





Motor Pool Reservations

Motor Pool Reservations

## Parts & Inventory Management Reporting

Name	Description
Inventory vs. Physical Count	The current value of the inventory currently in stock vs. the count from the current physical inventory before it is applied. This reports highlights the differences between the current inventory in the system and the latest physical count.
Location Cycle Inventory Count	Current Inventory Value and Quantity on Hand
Location Cycle Inventory Movement	Current Inventory Value with a prior balance based on Issues, Receipts, Adjustments and Transfers
Location Inventory Checklist	The inventory checklist to use for taking physical inventory. Sorted by bin location and part number.
Location Inventory High Value	The current value of the inventory currently in stock for a selected location w/ a High Value cut-off of \$500.00. Designed to zero in on high value inventory that may require additional review.
Location Inventory Value	The current value of the inventory currently in stock for a selected location. This report is also useful at the time physical inventory is taken.
Location Inventory Value (Random)	A random 250 count sample of current in stock for a selected location.
Location Inventory Value Activity	Current Inventory Value with a prior balance based on Issues, Receipts, Adjustments and Transfers
Location Inventory Value MFG Part Number	The current value of the inventory currently in stock for a selected location by Manufacture Part Number. This report is also useful at the time physical inventory is taken.
Location Movement Summary	The current value of inventory held at selected location. Summary of orders, receipts, issues, adjustments and transfers of inventory for a specified date range.
Location Part Downtime	List of all open work orders that are currently in delay status due to waiting for parts. This is the parts managers to do list. This provide a up to the minute list of all parts issues that require immediate attention.
Location Part EOQ	Economic Order Quantity (EOQ) worksheet for the selected year, location and optional part category.
Location Part EOQ 2	Economic Order Quantity (EOQ) worksheet for the selected year, location and optional part category. Set-up by quarter.
Location Zero Movement Parts	Parts with zero movement for the date range and parts location.
Parts Adjustments	Listing of all adjustments made to inventory for selected date range and parts issue location





Parts Alias	Listing of all parts that have an assigned cross reference part number.
Parts Issue Summary	Summary list of all parts issues by location. Shows total Issues from inventory and issues not from inventory. This report is used to determine if selected parts need to be inventoried.
Parts Issue Summary - by Job Type	Summary list of all parts issues by location specific to PM services. This report is used to determine if selected parts need to be inventoried.
Parts Issues	Summary list of selected part issues by location. Shows total Issues based on assignment to a work order.
Parts Not Counted	Based on part quantity last count date for the part location. Anything that does not have a more recent date then the cut off will be displayed on the report.  The first date is the cut off of the last inventory date.
Parts Orders	Parts orders with Contract, Purchase order and Work Orders assignments. Select part issue location and order date.
Parts Receipts	List of all parts Receipts by selected date and location.
Parts Reorder List	List of parts to reorder by location. Based on the reorder point for each item.
PO Statement	Reconciliation report to Vendor Statement.
PO Statement E	Purchase Parts Requests by vendor and purchase order number.
Vendor Activity	List of all contract items related to part and commercial orders and issues.  A PO number must be assigned from the purchase order screen before line item can be displayed on report.
Vendor Part Issues	Vendor part Issues from work orders. The vendor is identified as the warranty vendor of the work order part issue. The date range is based on the issue date of the part issue.
Work Orders without parts	List of all open work orders that do not have parts issues for the selected work order location.

## PM / Inspections

Name	Description
Equipment Inspections	Equipment Assigned to shop sorted by equipment unit with all inspections information for selected date range.
Equipment Inspections Due	Equipment Assigned to shop sorted by equipment unit with inspection currently due based on system set due flag.
Equipment PM	Equipment Assigned to shop sorted by most due equipment unit with all PM service information.  Active PM/Inspection equipment is determined by the filter on the top of the work order information screen.





Equipment PM Due	<p>Equipment Assigned to shop due for PM service by cut off date or due meter as set by the class of equipment. DUE EQUIPMENT ONLY ON REPORT.</p> <p>Active PM/Inspection equipment is determined by the filter on the top of the work order information screen.</p>
Equipment PM Due 2	<p>Equipment Assigned to shop due for PM service by cut off date or due meter as set by the class of equipment. DUE EQUIPMENT ONLY ON REPORT.</p> <p>Active PM/Inspection equipment is determined by the filter on the top of the work order information screen.</p>
Equipment PM Due 2 Dept	<p>Equipment Assigned to department due for PM service by cut off date or due meter as set by the class of equipment. DUE EQUIPMENT ONLY ON REPORT.</p> <p>PMs due date uses a look ahead days entry.</p> <p>Active PM/Inspection equipment is determined by the filter</p>
Equipment PM Due Days Sort	<p>Equipment Assigned to shop due for PM service by cut off date or due meter as set by the class of equipment. DUE EQUIPMENT ONLY ON REPORT.</p> <p>Active PM/Inspection equipment is determined by the filter on the top of the work order information screen.</p>
Equipment PM Due EQ Sort	<p>Equipment Assigned to shop due for PM service by cut off date or due meter as set by the class of equipment. DUE EQUIPMENT ONLY ON REPORT.</p> <p>Active PM/Inspection equipment is determined by the filter on the top of the work order information screen.</p>
Open Service Requests	Open Service Requests, PM and Inspections Services
PM Scheduled/Completed	PM's Scheduled using the scheduling system and the number of PM's performed for the selected date range.
PM Service Patterns	PM Service Patterns by class
PM Tasks Checklists	PM Task Check listing by class







## Scheduling

Name	Description
Appointments	Scheduled appointments for the selected date
Notification Status	List of all active/open notification records by date added with log entries for the selected location.
Notification Status Dept	List of all active/open notification records by date added with log entries for the selected department.

## Shop Reporting

Name	Description
Breakdown Analysis	List of Towed in Vehicles by location (shop) and specified date range.
Closed Work Order Count	Count of closed work orders by date for all location grouped by job type (Repair/PM)
Closed Work Orders	All work orders closed for specific shop, date range
Closed Work Orders - w/detail	All work orders closed for specific shop, date range. Shows Parts, Labor, Commercial detail, work order comments and notes.
Commercial Charges	List of all commercial work order charges with related contract information.
Contract Activity	List of all contract items related to part and commercial orders and issues.
Equipment Assigned to Repair Location	Active / Work Approved equipment assigned to the selected shop location for PM Services. Sorted by Equipment number.
NON-Closed Work Orders	List of all work orders that are not closed.
NON-Closed Work Orders - Dept	List of all work orders that are not closed for the selected department
Pending Resource Requirements	Pulls pending work based on the work orders in the selected delay status. All tasks with a pending status are shown with associated time estimates. Time estimates are made based on the completed work for the selected date range.
Shop Downtime Analysis	Detail Listing of Downtime by Work Order.
Task Codes	List of all task codes by type.
Task Time Analysis	Summary of Tasks performed ranked by Employee. Query by shop & date range.
Work Order Authorization	Open work orders with current value of assigned labor, parts and commercial issues, sort in descending order by value.
Work Order Downtime	Downtime by work order for selected shop and date range.
Work Order Summary	List of all open work orders in specified shop.





Work Order Summary - 30 Day	List of a equipment that has been in the shop over 30 days. The days determination is calculated based on the number of days between the date unit is dropped off (identified on work order header) and the current system date of the computer.
Work Order Value	List of all work orders for specified shop and date range. For purposes of finding high dollar WO's.
Work Order Value by Class	List of all work orders for specified shop and date range. For purposes of finding high dollar WO's.
Work Order Value by Department	List of all work orders for specified shop and date range. For purposes of finding high dollar WO's.
Work Order Value by Equipment	List of all work orders for specified shop and date range. For purposes of finding high dollar WO's.
Work Order/Equipment Labor Hours Detail	Work Order listed by location with detail listing of labor issues.

