

Batch Scheduling

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Batch scheduling refers to a scheduling process whereby the scheduler selects all unscheduled trips or a subset of unscheduled trips and uses an automated scheduling tool to insert the selected trips into existing vehicle schedules in one batch run. **Interactive scheduling** is the process where the scheduler selects one trip at a time and using an automated scheduling tool inserts the trip into the "best vehicle" option – one that generally add the least vehicle miles to any schedule while maintaining existing on-time performance.

The **PtMS Interactive Scheduler (PtMSIS)** supports both batch scheduling and interactive scheduling. What makes PtMSIS unique is how seamlessly users can move from one mode to the other when scheduling. This article will describe the basics of PtMSIS batch scheduling.

Select Unscheduled Trips to Batch

The user must first select the trips to batch schedule. All scheduled trips can be selected or the user can divide the unscheduled trips into sets for batching (e.g. morning vs. afternoon trips, all trips for one destination, etc.).

Click here to select all trips to batch schedule

Select	Vehicle	Status	Amb/WC	Name	T/R	D/R	Dist	PAddress	PCity	PickUp	DAddress	DCity	DropOff	OPickUp	C	ABC - ABC TRANSP	EAS - EASY TRANSP	FXD - Deviated Fixed
<input checked="" type="checkbox"/>	EAS		AMB	MADISON, JAMES	T	R	5.7	2244 E DEERFIELD DR	MEDIA	0830	MEDICAL ASSOCIATES	SWARTHMORE	0930	0830	0			
<input checked="" type="checkbox"/>	EAS		AMB	MADISON, JAMES	R	R	5.7	MEDICAL ASSOCIATES	SWARTHMORE	1130	2244 E DEERFIELD DR	MEDIA	1230	1130	1			
<input checked="" type="checkbox"/>	EAS		AMB	JEFFERSON, THOMAS	T	R	2.0	86 E 5TH ST	MEDIA	0800	Healthplex Sports Club	Springfield	0900	0800	0			
<input checked="" type="checkbox"/>	EAS		AMB	JEFFERSON, THOMAS	R	R	2.0	Healthplex Sports Club	Springfield	1200	86 E 5TH ST	MEDIA	1300	1200	1			
<input checked="" type="checkbox"/>	ABC		AMB	LINCOLN, ABRAHAM	R	R	2.9	SPRINGFIELD HOSPITAL	SPRINGFIELD	1145	1110 WOODED WAY	MEDIA	1230	1145	1			

Vehicle	Tour	Desc	TotMi	XDist	TrTime	XTime	Penalty	SvcMi	SvcMi%	TotTime	SvcTime	SvcTime%	Trips	Trips/Hr	STime1	ETime1	STime2	ETime2	STime3	ETin
A01		VAN	18.7	0	00:33	00:00	0	9.7	51.8	12:00	00:20	2.9	2	2	0600	1800	N/A	N/A	N/A	N/A
A02		VAN	7.6	0	00:09	00:00	0	7.6	99.9	12:00	00:14	2.0	4	3	0600	1800	N/A	N/A	N/A	N/A
E01		VAN	2.9	0	00:05	00:00	0	2.9	99.9	12:00	00:08	1.1	2	2	0600	1800	N/A	N/A	N/A	N/A
F1A		Deviated Fixed Route 1 - Run A	19.2	0	00:38	00:00	0	19.2	100.0	02:30	00:47	31.9	9	3.6	0900	1130	N/A	N/A	N/A	N/A

STime	PID	OSTime	Arr	Dwell	Dep	Dist	Penalty	Blk	Time	Amb	WC	T/R	D/R	Zone	Name	Address	City	GISX	GISY	index
0600	P	0600	0600	0:00	0600	0	0		*	0	0	R	R	000000	Start Shift			0	0	0
0802	P	0800	0600	1:00	0753	0	0		00:10	1	0	T	R	498500	WASHINGTON, GEORGE	122 E JEFFERSON STREET	MEDIA	1205673321	1034834132	1
0832	D	0830	0802	0:30	0802	5.3	0		00:10	0	0	T	R	445508	WASHINGTON, GEORGE	CROZER CHESTER MED CENTER	CHESTER	1205843816	1033785628	1
1530	P	1530	0818	1:00	1531	9.0	0		00:09	1	0	R	R	533487	WASHINGTON, GEORGE	Delaware County Community College	MEDIA	1205423927	1035539204	2
1600	D	1600	1539	0:30	1540	4.4	0		00:09	0	0	R	R	498500	WASHINGTON, GEORGE	122 E JEFFERSON STREET	MEDIA	1205673321	1034834132	2
1800	D	1800	1540	0:00	1540	0	0		*	0	0	T	R	000000	End Shift			0	0	0

All Trips are tagged for batch scheduling

Select	Vehicle	Status	Amb/WC	Name	T/R	D/R	Dist	PAddress	PCity	PickUp	DAddress	DCity	DropOff	OPickUp	C	ABC - ABC TRANSP	MSS - MEDIA SHUTT	XYZ - XYZ CAB INC	EAS - EASY TRANSP	STS - SPECIAL TRAI	TER - TERRABONNE	UNA - UNASSIGNED
<input checked="" type="checkbox"/>	999		AMB	HOOVER, HERBERT	T	R	2.3	193 SANDY BANK RD	MEDIA	1145	COMMERCE BANK	MEDIA			0							
<input checked="" type="checkbox"/>	999		AMB	HOOVER, HERBERT	R	R	2.3	COMMERCE BANK	MEDIA	1500	193 SANDY BANK RD	MEDIA			1							
<input checked="" type="checkbox"/>	999		AMB	BUCHANAN, JAMES	T	R	3.4	83 FOREST RD	SPRINGFIELD	0730	MOORE STATION	PROSPECT PARK			0							
<input checked="" type="checkbox"/>	999		AMB	BUSH, GEORGE	T	R	5	76 FOREST RD	SPRINGFIELD	2359	SPRINGFIELD COUNTRY CLUB	MEDIA			1							
<input checked="" type="checkbox"/>	999		AMB	BUSH, GEORGE	R	R	5	SPRINGFIELD COUNTRY CLUB	MEDIA	1800	76 FOREST RD	SPRINGFIELD			0							
<input checked="" type="checkbox"/>	999		AMB	VAN BUREN, MARTIN	T	R	4.4	443 PROSPECT RD	SPRINGFIELD	1155	COMMERCE BANK	MEDIA			0							
<input checked="" type="checkbox"/>	999		AMB	ESCORT, FRED	T	R	4.4	443 PROSPECT RD	SPRINGFIELD	1155	COMMERCE BANK	MEDIA			0							
<input checked="" type="checkbox"/>	999		AMB	MARTIN	R	R	4.4	COMMERCE BANK	MEDIA	1453	443 PROSPECT RD	SPRINGFIELD			0							
<input checked="" type="checkbox"/>	999		AMB	ESCORT, FRED	R	R	4.4	COMMERCE BANK	MEDIA	1453	443 PROSPECT RD	SPRINGFIELD			0							
<input checked="" type="checkbox"/>	999		AMB	LILLARD	T	R	2.0	982 MILLSON DR	SPRINGFIELD	0730	MOORE STATION	PROSPECT PARK			0							
<input checked="" type="checkbox"/>	999		AMB	LILLARD	R	R	2.0	MOORE STATION	PROSPECT PARK	1800	982 MILLSON DR	SPRINGFIELD			0							
<input checked="" type="checkbox"/>	999		AMB	BUCHANAN, JAMES	T	R	3.4	MOORE STATION	PROSPECT PARK	1800	83 FOREST RD	SPRINGFIELD			0							
<input checked="" type="checkbox"/>	999		AMB	HARDING, WARREN	T	R	2.3	867 NORTH AVE	SPRINGFIELD	0730	MOORE STATION	PROSPECT PARK			0							
<input checked="" type="checkbox"/>	999		AMB	HARDING, WARREN	R	R	2.3	MOORE STATION	PROSPECT PARK	1800	867 NORTH AVE	SPRINGFIELD			0							
<input checked="" type="checkbox"/>	999		AMB	JACKSON, ANDREW	T	R	2.8	135 RHODES AVE	COLLINGDALE	0730	MOORE STATION	PROSPECT PARK			0							
<input checked="" type="checkbox"/>	999		AMB	JACKSON, ANDREW	R	R	2.8	MOORE STATION	PROSPECT PARK	1800	135 RHODES AVE	COLLINGDALE			0							
<input checked="" type="checkbox"/>	XYZ		AMB	ROOSEVELT, THEODORE	T	R	1.5	2351 MARTINGALE RD	MEDIA	0835	NEWTOWN SQ MUNICIPAL BLDG	NEWTOWN SQUARE			0							
<input checked="" type="checkbox"/>	XYZ		AMB	ROOSEVELT, THEODORE	R	R	1.5	NEWTOWN SQ MUNICIPAL BLDG	NEWTOWN SQUARE	1200	2351 MARTINGALE RD	MEDIA			0							
<input checked="" type="checkbox"/>	MS1		AMB	SHUTTLE, MEDIA	T	R	0	ACME/TROLLEY STOP	MEDIA	0900	ACME/TROLLEY STOP	MEDIA			0							
<input checked="" type="checkbox"/>	MS1		AMB	SHUTTLE, MEDIA	T	R	0	MEDIA THEATRE	MEDIA	0905	MEDIA THEATRE	MEDIA			0							
<input checked="" type="checkbox"/>	MS1		AMB	SHUTTLE, MEDIA	T	R	0	COMMERCE BANK	MEDIA	0910	COMMERCE BANK	MEDIA			0							
<input checked="" type="checkbox"/>	MS1		AMB	SHUTTLE, MEDIA	T	R	0	COURTHOUSE	MEDIA	0915	COURTHOUSE	MEDIA			0							
<input checked="" type="checkbox"/>	MS1		AMB	SHUTTLE, MEDIA	T	R	0	GRANITE RUN MALL	MEDIA	0926	GRANITE RUN MALL	MEDIA			0							

Run the Batch

The user clicks on the Batch Trips button to schedule the selected trips in a few seconds. A hundred trips can be batched in a few seconds. There is no limit on the number of trip records you can include in a batch scheduling run.

Trips to be Scheduled

Select Schedule Date: 12/24/2009 | Select Value | Load Schedule | **Batch Trips**

Select	Vehicle	Status	Amb/V/C	Name	T/R	D/R	Dist	PAddress	PCity	PickUp	DAddress	DCity	DropOff	OPickUp	ODropC
<input checked="" type="checkbox"/>	999		AMB	HOOVER, HERBERT	T	R	2.3	193 SANDY BANK RD							
<input checked="" type="checkbox"/>	999		AMB	HOOVER, HERBERT	R	R	2.3	COMMERCE BANK							
<input checked="" type="checkbox"/>	999		AMB	BUCHANAN, JAMES	T	R	3.4	83 FOREST RD							
<input checked="" type="checkbox"/>	999		AMB	BUSH, GEORGE	T	R	5	76 FOREST RD							
<input checked="" type="checkbox"/>	999		AMB	BUSH, GEORGE	R	R	5	SPRINGFIELD COUNTRY							
<input checked="" type="checkbox"/>	999		AMB	VAN BUREN, MARTIN	T	R	4.4	443 PROSPECT RD	SPRINGFIELD	1155	COMMERCE BANK				

12/24/09

BatchTrips

Selection	Assigned	Assigned Vehicle	Status	Amb/V/C	Name	T/R	D/R	Dist	PAddress	PCity	PickUp	DAddress	DCity	DropOff	OPickUp	ODropC
<input type="checkbox"/>		E01		AMB	HOOVER	T	R	156009	193 SANDY E MEDIA	1145	COMMERCE MEDIA	1200	1145	1200		
<input type="checkbox"/>		E01		AMB	HOOVER	R	R	156009	COMMERCE MEDIA	1500	193 SANDY E MEDIA	1530	1500	1530		
<input type="checkbox"/>		V01		AMB	BUCHAN	T	R	669395	83 FOREST I SPRINGI	0730	MOORE STA PROSPE	0800	0730	0800		
<input type="checkbox"/>		E01		AMB	BUSH, Gi	T	R	253387	76 FOREST I SPRINGI	2359	SPRINGFIELD MEDIA	1000	2359	1000		
<input type="checkbox"/>		V02		AMB	BUSH, Gi	R	R	253387	SPRINGFIELD MEDIA	1800	76 FOREST I SPRINGI	2359	1800	2359		
<input type="checkbox"/>		V02		AMB	VAN BUR	T	R	531478	443 PROSPE SPRINGI	1155	COMMERCE MEDIA	1200	1155	1200		
<input type="checkbox"/>		V02		AMB	VAN BUR	T	R	531478	443 PROSPE SPRINGI	1155	COMMERCE MEDIA	1200	1155	1200		
<input type="checkbox"/>		E01		AMB	COMMERCE	T	R	1478	COMMERCE MEDIA	1453	443 PROSPE SPRINGI	1500	1453	1500		
<input type="checkbox"/>		E01		AMB	COMMERCE	T	R	1478	COMMERCE MEDIA	1453	443 PROSPE SPRINGI	1500	1453	1500		
<input type="checkbox"/>		V01		AMB	982 MILLSON	T	R	5542	982 MILLSON SPRINGI	0730	MOORE STA PROSPE	0800	0730	0800		
<input type="checkbox"/>		V02		AMB	982 MILLSON	T	R	5542	MOORE STA PROSPE	1800	982 MILLSON SPRINGI	1830	1800	1830		
<input type="checkbox"/>		V02		AMB	8395 MOORE STA	T	R	8395	MOORE STA PROSPE	1800	83 FOREST I SPRINGI	1830	1800	1830		
<input type="checkbox"/>		V01		AMB	867 NORTH J	T	R	6514	867 NORTH J SPRINGI	0730	MOORE STA PROSPE	0800	0730	0800		
<input type="checkbox"/>		V02		AMB	867 NORTH J	T	R	6514	MOORE STA PROSPE	1800	867 NORTH J SPRINGI	1830	1800	1830		

Assign Trips

Assign Trips to Vehicle Schedules

Once the batch results window displays, the user can select all or some of the trips listed in the batch results window and insert the trips into the assigned vehicle's schedule. This step tests each assignment to insure that the vehicle assignment meets the requirement of being either an "excellent" or "good" vehicle assignment according to the schedule fit point system (see Help/Color Codes). Users can adjust the penalty point value that qualifies as Excellent or Good trip assignments.

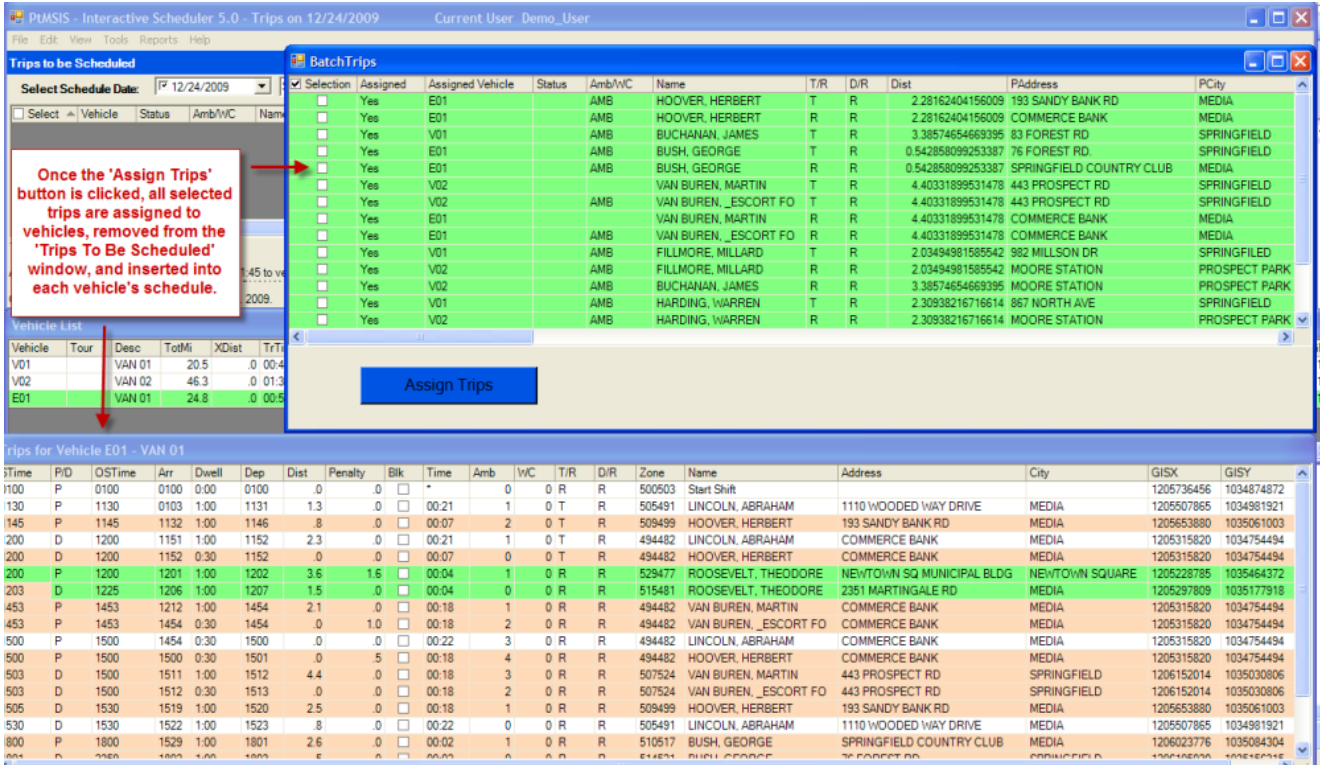
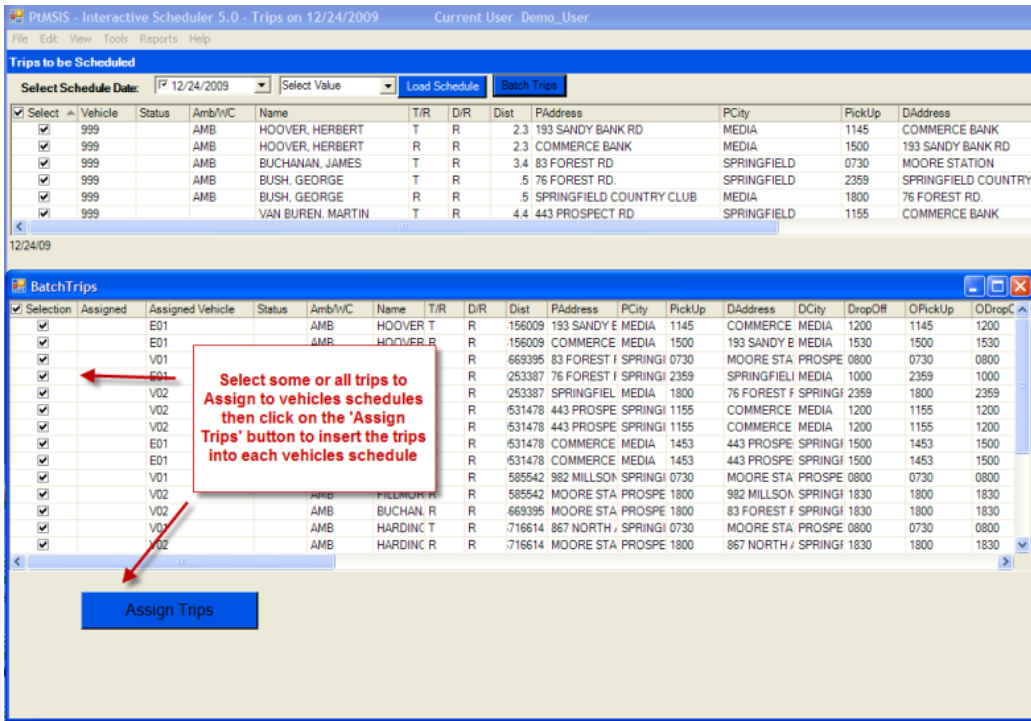
Trip Quality Evaluation

Max Penalty Color Code

<input type="text" value="40"/>	Excellent
<input type="text" value="55"/>	Good
<input type="text" value="75"/>	Average
<input type="text" value="100"/>	Poor

To change the color used to highlight information, click the appropriate button above.

Select the trips to assign to the vehicle schedules then click on the Assign Trips button to make the assignments.



Assigned Vehicles Trip Detail View

Click on a vehicle in the 'Assigned Vehicle' column and this will allow the user to open a trip detail view for the selected vehicle. This view has special interactive drag and drop sorting features that allow the users to examine the schedule in unique ways.

Users can inspect schedules results after batching by clicking on any vehicle in the 'Assigned Vehicle' column. This opens a trip detail view with special sorting and grouping features. Display columns can be dragged and dropped into the sort/grouping tool bar for

Click on columns and drag to sort/break area

Click here to print preview then print any views you create.

Selection	Assigned	Assigned Vehicle	Status	Amb/WC	Name	T/R	D/R	Dist	Address	PCity
<input checked="" type="checkbox"/>	Yes	E01		AMB	HOOVER, HERBERT	T	R	2.28162404156009	193 SANDY BANK RD	MEDIA
<input type="checkbox"/>	Yes	E01		AMB	HOOVER, HERBERT	R	R	2.28162404156009	COMMERCE BANK	MEDIA
<input type="checkbox"/>	Yes	V01		AMB	BUCHANAN, JAMES	T	R	3.38574654669395	83 FOREST RD	SPRINGFIELD
<input type="checkbox"/>	Yes	E01		AMB	BUSH, GEORGE	T	R	0.542858099253387	76 FOREST RD.	SPRINGFIELD
<input type="checkbox"/>	Yes	E01		AMB	BUSH, GEORGE	R	R	0.542858099253387	SPRINGFIELD COUNTRY CLUB	MEDIA
<input type="checkbox"/>	Yes	V02			VAN BUREN, MARTIN	T	R	4.40331899531478	443 PROSPECT RD	SPRINGFIELD
<input type="checkbox"/>	Yes	V02		AMB	VAN BUREN, _ESCORT FO	T	R	4.40331899531478	443 PROSPECT RD	SPRINGFIELD
<input type="checkbox"/>	Yes	E01			VAN BUREN, MARTIN	R	R	4.40331899531478	COMMERCE BANK	MEDIA
<input type="checkbox"/>	Yes	E01		AMB	VAN BUREN, _ESCORT FO	R	R	4.40331899531478	COMMERCE BANK	MEDIA
<input type="checkbox"/>	Yes	V01		AMB	FILMORE, MILLARD	R	R	4.40331899531478	882 MILLSON DR	SPRINGFIELD

City	STime	P/D	OStime	Arr	Dwell	Dep	Dist	Penalty	Blk	Time	Amb	WC	T/R	D/R	Zone	Name	Address	GISX	GISY	Index
City: MEDIA																				
	1130 P		1130	0103	1:00	1131	1.2620750144306003		0	00:21	1	0	T	R		505491 LINCOLN, ABRAHAM	1110 WOODDED WAY DRIVE	1205507865	1034981921	
	1145 P		1145	1132	1:00	1146	0.83027620327515117		0	00:07	2	0	T	R		509499 HOOVER, HERBERT	193 SANDY BANK RD	1205653880	1035061003	
	1200 D		1200	1151	1:00	1152	2.28162404156009		0	00:21	1	0	T	R		494482 LINCOLN, ABRAHAM	COMMERCE BANK	1205315820	1034754494	
	1200 D		1200	1152	0:30	1152	0		0	00:07	0	0	T	R		494482 HOOVER, HERBERT	COMMERCE BANK	1205315820	1034754494	
	1203 D		1225	1206	1:00	1207	1.4732634412419254		0	00:04	0	0	R	R		515481 ROOSEVELT, THEODORE	2351 MARTINGALE RD	1205297809	1035177918	
	1453 P		1453	1212	1:00	1454	2.1190344493247388		0	00:18	1	0	R	R		494482 VAN BUREN, MARTIN	COMMERCE BANK	1205315820	1034754494	
	1453 P		1453	1454	0:30	1454	0		1	00:18	2	0	R	R		494482 VAN BUREN, _ESCORT FO	COMMERCE BANK	1205315820	1034754494	
	1500 P		1500	1454	0:30	1500	0		0	00:22	3	0	R	R		509499 LINCOLN, ABRAHAM	COMMERCE BANK	1205315820	1034754494	
	1500 P		1500	1500	0:30	1501	0		0.5	00:18	4	0	R	R		494482 HOOVER, HERBERT	COMMERCE BANK	1205315820	1034754494	
	1505 D		1530	1519	1:00	1520	2.4952421764480097		0	00:18	1	0	R	R		509499 HOOVER, HERBERT	193 SANDY BANK RD	1205653880	1035061003	
	1530 D		1530	1522	1:00	1523	0.83027620327515117		0	00:22	0	0	R	R		505491 LINCOLN, ABRAHAM	1110 WOODDED WAY DRIVE	1205507865	1034981921	
	1800 P		1800	1529	1:00	1801	2.62985949534381		0	00:02	1	0	R	R		510517 BUSH, GEORGE	SPRINGFIELD COUNTRY CLUB	1206023776	1035084304	
	1000 D		1000	1:00	1:00	1:00	0.54285809925338691		3109	00:01	0	0	T	R		510517 BUSH, GEORGE	SPRINGFIELD COUNTRY CLUB	1206023776	1035084304	
City: NEWTOWN SQUARE																				
	1200 P		1200	1201	1:00	1202	3.5759679322842084	1.5582207366666667		00:04	1	0	R	R		529477 ROOSEVELT, THEODORE	NEWTOWN SQ MUNICIPAL BLDG	1205228785	1035464372	
City: SPRINGFIELD																				
	1503 D		1500	1511	1:00	1512	4.403318995314784		0	00:18	3	0	R	R		507524 VAN BUREN, MARTIN	443 PROSPECT RD	1206152014	1035030806	
	1503 D		1500	1512	0:30	1513	0		0	00:18	2	0	R	R		507524 VAN BUREN, _ESCORT FO	443 PROSPECT RD	1206152014	1035030806	
	1801 D		2359	1802	1:00	1803	0.54285809925338691		0	00:02	0	0	R	R		514521 BUSH, GEORGE	76 FOREST RD.	1206105030	1035156315	

Update PtMS Schedule

PTMSIS 5.0 like any good modeling system allows the users to perform "what if" analysis. The above batch process has not updated the PTMS SQL database schedule table with the scheduling results until the user selects the "Update Schedule" button in the top right hand corner of PTMSIS. This means the user can try different approaches to using the batch scheduling feature without actually changing any of their live data until they have arrived at an approach (scheduling all trips in one batch, or dividing the trips to be scheduled into smaller batches) that works best for them.

Click 'Update Schedule' to update PtMS for Windows schedule table with scheduling results

Print Your Schedule

Once a schedule is completed the scheduler can print a driver's Vehicle Manifest Report or schedule listing Dispatchers report summarizing a days schedule in easy to read format.

Pg:1 **Thursday - 12/24/09** Vehicle: E01

EASY TRANSPORTATION Starting Mileage: _____ Ending Mileage: _____
 100 SHERWOOD LANE Starting Time: _____ Ending Time: _____
 MEDIA, PA 19063 Deadhead Hours: _____ Deadhead Miles: _____
 Gas Fuel Purchased: _____ Fuel Cost: _____

Client Information	Pu Tm Drop Tm	Pickup Location & Destination Information
BUSH, GEORGE 25 AMB	23:59 10:00	(555)555-5554 76 FOREST RD., WHITE HOUSE APTS. #1776, SPRINGFIELD, PA 19064 SPRINGFIELD COUNTRY CLUB (610)690-7600 400 W SPROUL RD., MEDIA, PA 19064
Appt Tm: 10:00 Rt Vh: @	Y N C	Pu Tm: Pu Odom: Drop Tm: Drop Odom:
HOOVER, HERBERT 13 AMB	11:45 12:00	(610)555-9999 193 SANDY BANK RD., MEDIA, PA 19063 COMMERCE BANK 4 W BALTIMORE AVE., MEDIA, PA 19063
Appt Tm: 12:00 Rt Vh: @	Y N C	Pu Tm: Pu Odom: Drop Tm: Drop Odom:
LINCOLN, ABRAHAM 3 AMB	11:30 12:00	1110 WOODED WAY DRIVE., MEDIA, PA 19063 COMMERCE BANK 4 W BALTIMORE AVE., MEDIA, PA 19063
Appt Tm: 12:00 Rt Vh: @	Y N C	Pu Tm: Pu Odom: Drop Tm: Drop Odom:
HOOVER, HERBERT 13 AMB	15:00 15:30	COMMERCE BANK 4 W BALTIMORE AVE., MEDIA, PA 19063 (610)555-9999 193 SANDY BANK RD., MEDIA, PA 19063
Appt Tm: 15:00 Tk Vh: @	Y N C	Pu Tm: Pu Odom: Drop Tm: Drop Odom:
LINCOLN, ABRAHAM 3 AMB	15:00 15:30	COMMERCE BANK 4 W BALTIMORE AVE., MEDIA, PA 19063 1110 WOODED WAY DRIVE., MEDIA, PA 19063
Appt Tm: 15:00 Tk Vh: @	Y N C	Pu Tm: Pu Odom: Drop Tm: Drop Odom:
VAN BUREN, ESCORT PO 27 AMB	14:53 15:00	COMMERCE BANK 4 W BALTIMORE AVE., MEDIA, PA 19063 443 PROSPECT RD, GREEN ACRES APTS. #4, SPRINGFIELD, PA 19064
Appt Tm: 14:53 Tk Vh: @	Y N C	Pu Tm: Pu Odom: Drop Tm: Drop Odom:
VAN BUREN, MARTIN 27 AMB	14:53 15:00	COMMERCE BANK 4 W BALTIMORE AVE., MEDIA, PA 19063 443 PROSPECT RD, GREEN ACRES APTS. #4, SPRINGFIELD, PA 19064
Appt Tm: 14:53 Tk Vh: @	Y N C	Pu Tm: Pu Odom: Drop Tm: Drop Odom:

Pg:2 **Thursday - 12/24/09** Vehicle: E01

Client Information	Pu Tm Drop Tm	Pickup Location & Destination Information
ROOSEVELT, THEODORE 11 AMB	12:00 12:25	NEWTOWN SQ MUNICIPAL BLDG 3861 GRADYVILLE RD., NEWTOWN SQUARE, PA 19073 2351 MARTINGALE RD., MEDIA, PA 19063
Appt Tm: 12:00 Tk Vh: @	Y N C	Pu Tm: Pu Odom: Drop Tm: Drop Odom:
BUSH, GEORGE 25 AMB	18:00 23:59	SPRINGFIELD COUNTRY CLUB (610)690-7600 400 W SPROUL RD., MEDIA, PA 19064 (555)555-5554 76 FOREST RD., WHITE HOUSE APTS. #1776, SPRINGFIELD, PA 19064
Appt Tm: 18:00 Tk Vh: @	Y N C	Pu Tm: Pu Odom: Drop Tm: Drop Odom:

My signature acknowledges that NO incidents/accidents have gone unreported during my shift. If an incident/accident has occurred the supervisor/dispatcher has written my statement into the log.

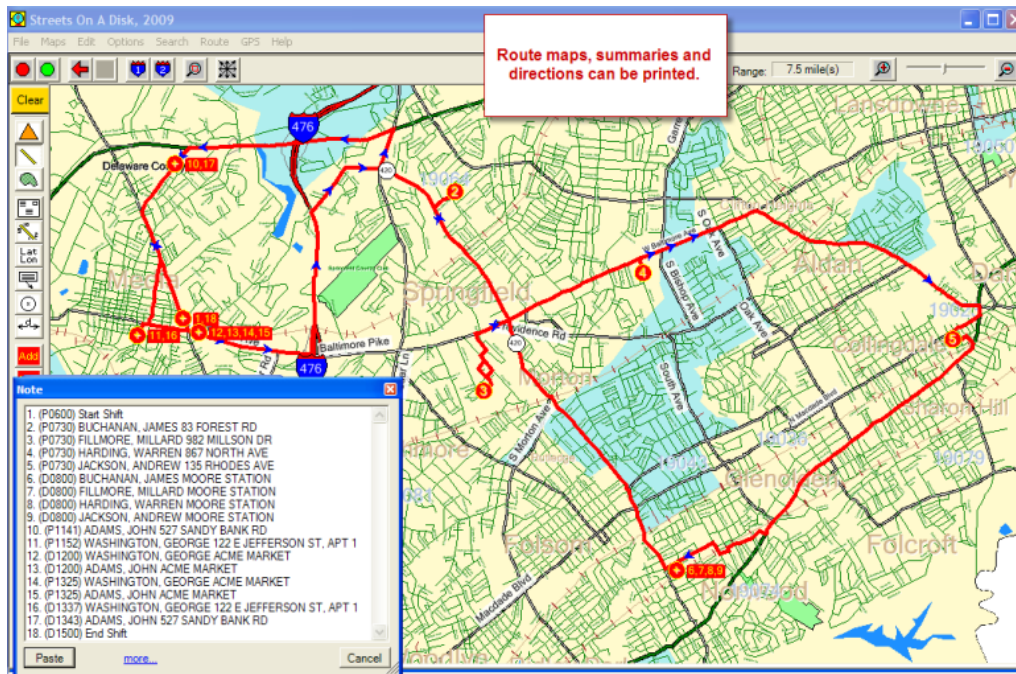
The report number is _____, if more than one incident/accident has occurred, the additional log report number(s) are as follows:

Vehicle Driver: _____ Date: _____
 Vehicle Aide: _____ Date: _____
 Supervisor/Disp: _____ Date: _____

Map Your Route

Vehicle	Tour	Desc	TotMi	XDist	TrTime	XTime	Penalty	SvcMi	SvcM%	T
V01	Edit Shifts		0	00:49	00:00		0	12.0	58.5	0
V02	Display All Vehicles		0	01:39	00:00		0	22.7	49.0	1
E01	Display Available Vehicles		0	00:53	00:00		0	13.4	54.1	2

Users can select a vehicle and display routes on the map



Visit Time: 0 hr(s), 4.00 min. (= 0.067 hrs)

Fuel: 8 mi/gal

Cost: \$0.75 per mile(s)

Start: 1. (P0600) Start Shift

Go southwest, 12 ft, on Mulberry Ln.
 Turn left, go southeast, 521 ft, on State Rte 252.
 Slight turn left, go east, 1.0 mile(s), on Baltimore Ave.
 Turn left, go north, 1.1 mile(s), on Interstate Hwy 476.
 Turn right, go northeast, 0.7 mile(s), on Beatty Rd.
 Continue, go east, 0.5 mile(s), on State Rte 420.
 Turn left, go northeast, 0.2 mile(s), on Spring Valley Rd.
 Turn left, go northwest, 295 ft, on Leamy Ave.
 Hard turn right, go east, 208 ft, on Forest Rd.

Stop: 2. (P0730) BUCHANAN, JAMES 83 FOREST RD

Time (from start): 0 hr(s), 5.08 min. (= 0.085 hrs)

Distance(from start): 3.7 mile(s)

Clock (depart): 11:24 PM

Go west, 208 ft, on Forest Rd.
 Hard turn left, go southeast, 295 ft, on Leamy Ave.
 Turn right, go southwest, 0.2 mile(s), on Spring Valley Rd.
 Turn left, go southeast, 1.0 mile(s), on State Rte 420.
 Turn right, go southwest, 0.3 mile(s), on Baltimore Pike.
 Turn left, go southeast, 0.2 mile(s), on Springhaven Rd.
 Turn right, go southwest, 332 ft, on Crest Ln.
 Turn left, go southeast, 0.2 mile(s), on Church Rd.
 Turn right, go southwest, 357 ft, on Stewart Ave.
 Turn left, go southeast, 170 ft, on Westdale Pl.
 Continue, go southeast, 0.1 mile(s), on Millison Dr.

Stop: 3. (P0730) FILLMORE, MILLARD 982 MILLSON DR

Time (from last stop): 0 hr(s), 3.47 min. (= 0.058 hrs)

Time (from start): 0 hr(s), 12.55 min. (= 0.209 hrs)

Distance(from last stop): 2.2 mile(s)

Distance(from start): 5.8 mile(s)

Clock (depart): 11:32 PM

Go northeast, 0.1 mile(s), on Millison Dr.
 Continue, go northwest, 0.2 mile(s), on Westdale Pl.
 Turn left, go northwest, 292 ft, on Church Rd.
 Turn right, go northeast, 332 ft, on Crest Ln.

Turn left, go northwest, 0.2 mile(s), on Springhaven Rd.
 Turn right, go northeast, 1.4 mile(s), on Baltimore Pike.
 Turn right, go southeast, 0.1 mile(s), on North Ave.

 Stop: 4. (P0730) HARDING, WARREN 867 NORTH AVE

Time (from last stop): 0 hr(s), 3.28 min. (= 0.055 hrs)
 Time (from start): 0 hr(s), 19.83 min. (= 0.330 hrs)
 Distance(from last stop): 2.1 mile(s)
 Distance(from start): 8.0 mile(s)
 Clock (depart): 11:39 PM

 Go northwest, 0.1 mile(s), on North Ave.
 Turn right, go northeast, 0.2 mile(s), on Baltimore Pike.
 Continue, go northeast, 0.8 mile(s), on Baltimore Ave.
 Slight turn right, go east, 1.9 mile(s), on Springfield Rd.
 Turn right, go south, 363 ft, on US Hwy 13.
 Slight turn right, go southwest, 0.3 mile(s), on Macdade Blvd.
 Turn left, go southeast, 299 ft, on Rhodes Ave.

 Stop: 5. (P0730) JACKSON, ANDREW 135 RHODES AVE

Time (from last stop): 0 hr(s), 4.69 min. (= 0.078 hrs)
 Time (from start): 0 hr(s), 28.51 min. (= 0.475 hrs)
 Distance(from last stop): 3.4 mile(s)
 Distance(from start): 11.4 mile(s)
 Clock (depart): 11:48 PM

 Go southeast, 158 ft, on Rhodes Ave.
 Turn left, go northeast, 0.1 mile(s), on Pusey Ave.
 Turn right, go southeast, 429 ft, on Cherry St.
 Slight turn right, go south, 2.2 mile(s), on US Hwy 13.
 Slight turn right, go west, 0.3 mile(s), on Welcome Ave.
 Turn left, go southeast, 122 ft, on Winona Ave.
 Turn right, go southwest, 391 ft, on Welcome Ave.
 Turn right, go northwest, 0.1 mile(s), on Amosland Rd.
 Turn left, go southwest, 0.3 mile(s), on 13th Ave.
 Slight turn left, go south, 327 ft, on Pennsylvania Ave.
 Slight turn right, go southwest, 182 ft, on Moore Industrial Park.

 Stop: 6. (D0800) BUCHANAN, JAMES MOORE STATION
 Stop: 7. (D0800) FILLMORE, MILLARD MOORE STATION
 Stop: 8. (D0800) HARDING, WARREN MOORE STATION
 Stop: 9. (D0800) JACKSON, ANDREW MOORE STATION

Time (from last stop): 0 hr(s), 4.71 min. (= 0.078 hrs)
 Time (from start): 0 hr(s), 37.22 min. (= 0.620 hrs)
 Distance(from last stop): 3.4 mile(s)
 Distance(from start): 14.8 mile(s)
 Clock (depart): 11:56 PM

 Go northeast, 182 ft, on Moore Industrial Park.
 Slight turn left, go north, 327 ft, on Pennsylvania Ave.
 Hard turn left, go southwest, 0.1 mile(s), on 13th Ave.
 Turn right, go northwest, 3.9 mile(s), on State Rte 420.
 Turn right, go north, 0.3 mile(s), on State Rte 320.
 Hard turn left, go southwest, 1.6 mile(s), on US Hwy 1.
 Slight turn left, go southwest, 0.2 mile(s), on Sandy Bank Rd.

 Stop: 10. (P1141) ADAMS, JOHN 527 SANDY BANK RD

Time (from last stop): 0 hr(s), 8.15 min. (= 0.136 hrs)
 Time (from start): 0 hr(s), 49.38 min. (= 0.823 hrs)
 Distance(from last stop): 6.2 mile(s)
 Distance(from start): 21.0 mile(s)
 Clock (depart): 12:08 AM

 Go southwest, 0.4 mile(s), on Sandy Bank Rd.
 Slight turn left, go southeast, 0.4 mile(s), on State Rte 252.
 Slight turn right, go south, 0.5 mile(s), on Edgemont St.
 Turn right, go west, 281 ft, on Baltimore Ave.
 Turn left, go south, 492 ft, on Gayley St.
 Turn right, go west, 85 ft, on Jefferson St.

 Stop: 11. (P1152) WASHINGTON, GEORGE 122 E JEFFERSON ST, APT 1

Time (from last stop): 0 hr(s), 2.73 min. (= 0.046 hrs)
 Time (from start): 0 hr(s), 56.11 min. (= 0.935 hrs)
 Distance(from last stop): 1.5 mile(s)

Distance(from start): 22.5 mile(s)
 Clock (depart): 12:15 AM

 Go east, 85 ft, on Jefferson St.
 Turn left, go north, 492 ft, on Gayley St.
 Turn right, go east, 0.4 mile(s), on Baltimore Ave.

 Stop: 12. (D1200) WASHINGTON, GEORGE ACME MARKET
 Stop: 13. (D1200) ADAMS, JOHN ACME MARKET
 Stop: 14. (P1325) WASHINGTON, GEORGE ACME MARKET
 Stop: 15. (P1325) ADAMS, JOHN ACME MARKET

Time (from last stop): 0 hr(s), 0.80 min. (= 0.013 hrs)
 Time (from start): 1 hr(s), 0.91 min. (= 1.015 hrs)
 Distance(from last stop): 0.5 mile(s)
 Distance(from start): 23.0 mile(s)
 Clock (depart): 12:20 AM

 Go west, 0.4 mile(s), on Baltimore Ave.
 Turn left, go south, 492 ft, on Gayley St.
 Turn right, go west, 85 ft, on Jefferson St.

 Stop: 16. (D1337) WASHINGTON, GEORGE 122 E JEFFERSON ST, APT 1

Time (from last stop): 0 hr(s), 0.80 min. (= 0.013 hrs)
 Time (from start): 1 hr(s), 5.71 min. (= 1.095 hrs)
 Distance(from last stop): 0.5 mile(s)
 Distance(from start): 23.6 mile(s)
 Clock (depart): 12:25 AM

 Go east, 85 ft, on Jefferson St.
 Turn left, go north, 492 ft, on Gayley St.
 Turn right, go east, 281 ft, on Baltimore Ave.
 Turn left, go north, 0.5 mile(s), on Edgemont St.
 Slight turn left, go northwest, 0.4 mile(s), on State Rte 252.
 Slight turn right, go north, 0.4 mile(s), on Sandy Bank Rd.

 Stop: 17. (D1343) ADAMS, JOHN 527 SANDY BANK RD

Time (from last stop): 0 hr(s), 2.73 min. (= 0.046 hrs)
 Time (from start): 1 hr(s), 12.44 min. (= 1.207 hrs)
 Distance(from last stop): 1.5 mile(s)
 Distance(from start): 25.1 mile(s)
 Clock (depart): 12:31 AM

 Go southwest, 0.4 mile(s), on Sandy Bank Rd.
 Slight turn left, go southeast, 0.9 mile(s), on State Rte 252.
 Turn left, go northeast, 12 ft, on Mulberry Ln.

 Stop: 18. (D1500) End Shift

Time (from last stop): 0 hr(s), 2.09 min. (= 0.035 hrs)
 Time (from start): 1 hr(s), 18.53 min. (= 1.309 hrs)
 Distance(from last stop): 1.3 mile(s)
 Distance(from start): 26.4 mile(s)

 Total Distance: 26.4 mile(s)
 Total Drive Time: 0 hr(s), 38.53 min. (= 0.642 hrs)
 Total Visit Time: 0 hr(s), 40.00 min. (= 0.667 hrs)
 Total Time: 1 hr(s), 18.53 min. (= 1.309 hrs)
 Total Fuel Usage: 3.31 gallons = 12.51 liters
 Cost: \$19.83
