



Pricing and Rate Tables

Dispatch Science version 1.1

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Introduction

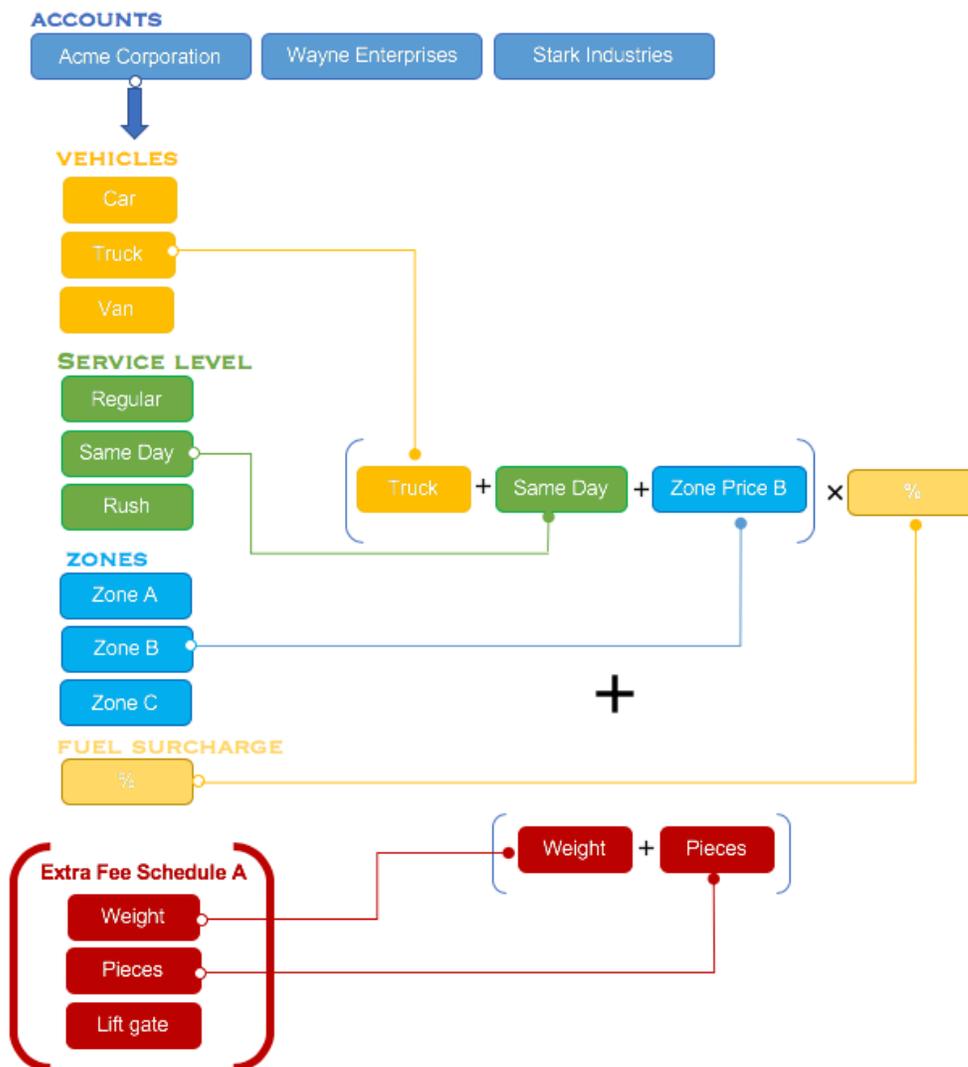
In this document, you will find the pricing and rate table setup for Dispatch Science. It explains the interaction between each item type and the final rate table associated to accounts.

Order pricing overview

The account dictates the order pricing. Each account is associated to a price list which contains a list of vehicles, service levels and if relevant zones. Accounts are also associated with a fuel surcharge and extra fee list.

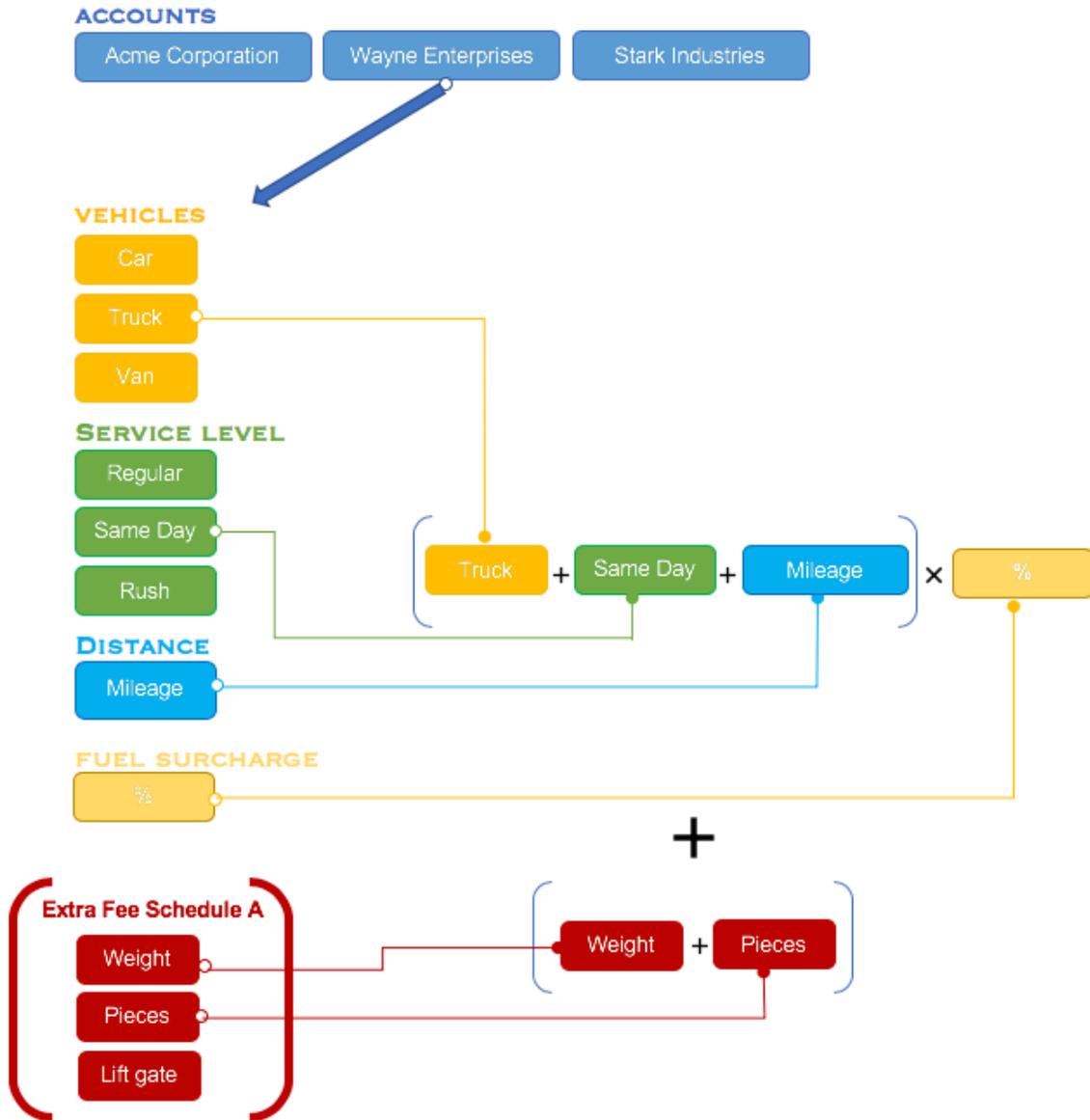
Zone Pricing

Zone pricing uses the order pickup and delivery addresses to find the order delivery price for the selected vehicle and service level and adds the account fuel surcharge. To this, extra fees are added to calculate the total price.



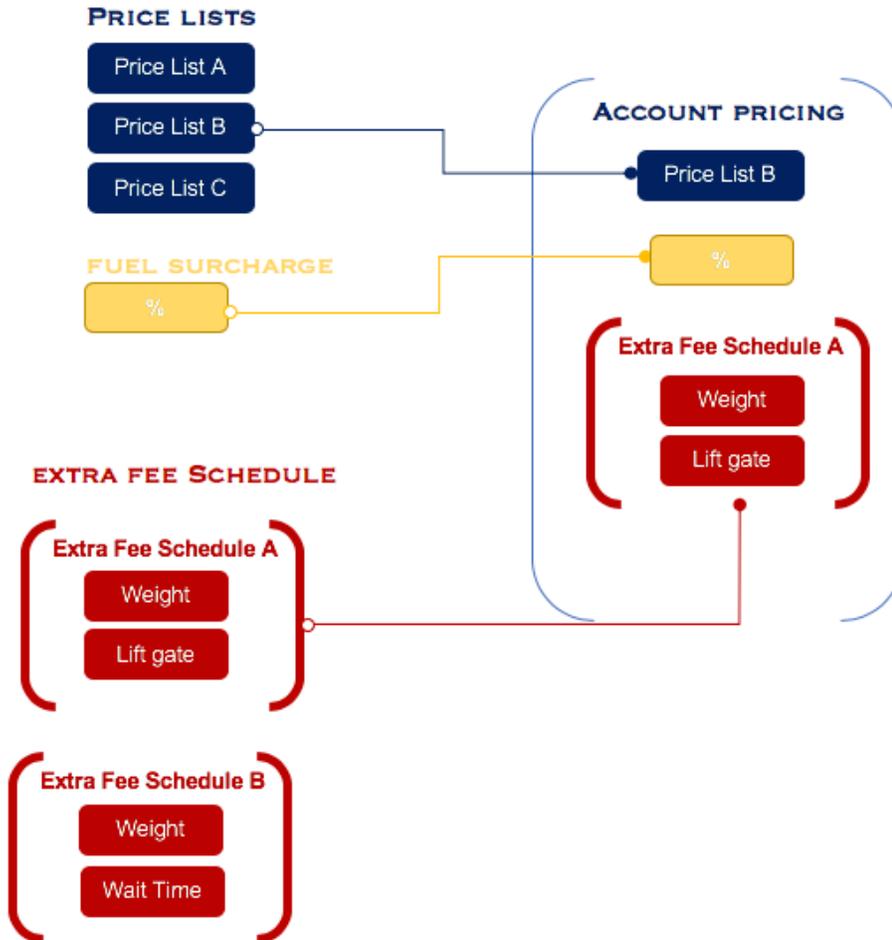
Distance Pricing

Distance pricing uses the distance between the pickup and delivery addresses to find the fixed price and mileage for the selected vehicle, for the service level and adds the fuel surcharge. To this, extra fees are added to find the total price.



Account pricing setup

Accounts are associated to a price list, a fuel surcharge and an extra fee schedule containing the extra fees specific to this account. These are used to calculate pricing when an account is selected on an order.



Service Schedules

Service schedules contain the service levels used to create the Price Lists. One service schedule is associated to a price list. This allows you to create account specific service levels and pricing.

SERVICE SCHEDULE A

Regular

Rush

Same Day

SERVICE SCHEDULE B

Hot

Night

Emergency

Fuel Surcharges

Different fuel surcharges can be created for your different accounts.

FUEL SURCHARGE

%

Extra Fees

Extra fees are created and are then grouped in Extra Fee Schedules where pricing for each extra fee is entered.

EXTRA FEES

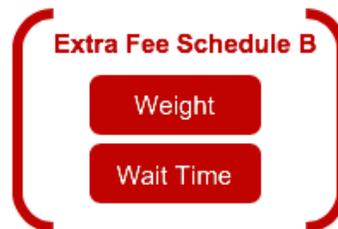
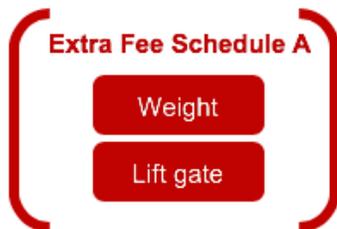
Weight

Lift gate

Wait Time

Extra Fee Schedules

Extra fees are created and are then grouped in Extra Fee Schedules where pricing is entered. An extra fee schedule is associated to each account therefore different schedules can contain different extra fees at different prices for each account.



Price Lists

There are 4 price list types that can be created in Dispatch Science depending on your pricing needs. Each price list has a set of assigned vehicles with one vehicle set as default. The default vehicle will be automatically selected when an order is created.

There are 2 main types:

- Price by Zone

This pricing allows you to use the zones that were created previously and associate a different price of delivery from zone to zone with a mileage rate if needed. If the pickup or delivery address is not within the zones, a distance failover price list can be used where the price of delivery will be calculated according to the distance in between the pickup and delivery locations.

- Price by Distance

This pricing allows you to set a fixed fee and a mileage rate depending on the distance calculated between the pickup and delivery locations.

Price by Zone

Vehicles are associated to a price list. Each vehicle in the price list is then setup with a minimum charge and a vehicle surcharge.

If the zone to zone price is less than the vehicle minimum charge, the minimum charge plus the vehicle surcharge will be used to calculate the base delivery price instead of the zone to zone price plus the vehicle surcharge.

This type of price list will be used when all vehicles in the price list use the same price by zone for the different service level with the addition of the specific vehicle surcharge.

VEHICLES

- Car
- Truck
- Van

Default	Available	Vehicle type	Minimum charge	Surcharge
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Car	18.50	10.00
<input type="checkbox"/>	<input checked="" type="checkbox"/>	TRUCK	35.00	20.00
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Van	25.00	15.00

SERVICE SCHEDULE

- Regular
- Rush
- Same Day

	A	B	C	D	E	F	G	H
	From Zone	To Zone	Regular	Regular_Mileage	Rush	Rush_Mileage	SameDay	SameDay_Mileage
1	C101	C101	5.75		7.65		7.19	
3	C101	C102	12.50	1.33	16.63	1.33	15.63	1.33
4	C101	D101	12.50	1.33	16.63	1.33	15.63	1.33
5	C101	E101	25.00	1.33	33.25	1.33	31.25	1.33
6	C101	W101	32.00	1.45	42.56	1.45	40.00	1.45
7	C102	C101	12.50	1.33	16.63	1.33	15.63	1.33

ZONES

- C101
- C102
- D101
- E101
- W101

Price by Zone and Vehicles

If the pricing requires different prices from zone to zone for each vehicle and this cannot be addressed with the vehicle surcharge, the pricing by zone can further be split by vehicle.

With this pricing, the minimum charge and vehicle surcharge will need to be added in the zone to zone pricing for each service level.

VEHICLES

- Car
- Truck
- Van

SERVICE SCHEDULE

- Regular
- Rush
- Same Day

ZONES

- C101
- C102
- D101
- E101
- W101

	A	B	C	D	E	F	G	H
1	From Zone	To Zone	Regular	Regular_Mileage	Rush	Rush_Mileage	SameDay	SameDay_Mileage
2	C101	C101	5.75		7.65		7.19	
3	C101	C102	12.50	1.33	16.63	1.33	15.63	1.33
4	C101	D101	12.50	1.33	16.63	1.33	15.63	1.33
5	C101	E101	25.00	1.33	33.25	1.33	31.25	1.33
6	C101	W101	32.00	1.45	42.56	1.45	40.00	1.45
7	C102	C101	12.50	1.33	16.63	1.33	15.63	1.33

◀ ▶
ZoneArea1_Car
ZoneArea1_Truck
ZoneArea1_Van
ZoneArea2_Car

Note: Before selecting this pricing, as it will require a lot more data entry, please make sure using vehicle surcharges does not fill the pricing needs.

Price by Distance

Vehicles are associated to a price list. Each vehicle in the price list is then setup with a minimum charge and a vehicle surcharge.

If the mileage price is less than the minimum charge, the minimum charge plus the vehicle surcharge will be used to calculate the base delivery price instead of the mileage price plus the vehicle surcharge.

This type of price list will be used when all vehicles in the price list use the same mileage rate for specific distances.

VEHICLES

- Car
- Truck
- Van

Default	Available	Vehicle type	Minimum charge	Surcharge
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Car	18.50	10.00
<input type="checkbox"/>	<input checked="" type="checkbox"/>	TRUCK	35.00	20.00
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Van	25.00	15.00

SERVICE SCHEDULE

- Regular
- Rush
- Same Day

	A	B	C	D	E	F	G
	Upper Limit	Regular	Regular_Mileage	Rush	Rush_Mileage	Same Day	Same Day_Mileage
1							
2	5	\$ 8.50		\$ 18.50			\$ 12.75
3	10	\$ 16.00		\$ 26.00			\$ 20.25
4	15	\$ 24.00		\$ 34.00			\$ 28.25
5	20	\$ 32.00		\$ 42.00			\$ 36.25
6	25	\$ 8.00	\$ 1.45	\$ 18.00	\$ 1.45	\$ 8.00	\$ 1.45
7	30	\$ 8.00	\$ 1.48	\$ 18.00	\$ 1.48	\$ 8.00	\$ 1.48
8	50	\$ 8.00	\$ 1.50	\$ 18.00	\$ 1.50	\$ 8.00	\$ 1.50
9	100	\$ 8.00	\$ 1.55	\$ 18.00	\$ 1.55	\$ 8.00	\$ 1.55
10	150	\$ 8.00	\$ 1.60	\$ 18.00	\$ 1.60	\$ 8.00	\$ 1.60
11	999	\$ 8.00	\$ 1.68	\$ 18.00	\$ 1.68	\$ 8.00	\$ 1.68
12							

Price List +

Price by Distance and Vehicles

If the pricing requires different mileage rate and/or flat fees for each vehicle and this cannot be addressed with the vehicle surcharge, the pricing by distance can further be split by vehicle.

With this pricing, the minimum charge and vehicle surcharge will need to be added in the mileage rate and flat fee for each service level for each vehicle.

VEHICLES

Car

Truck

Van

SERVICE SCHEDULE

Regular

Rush

Same Day

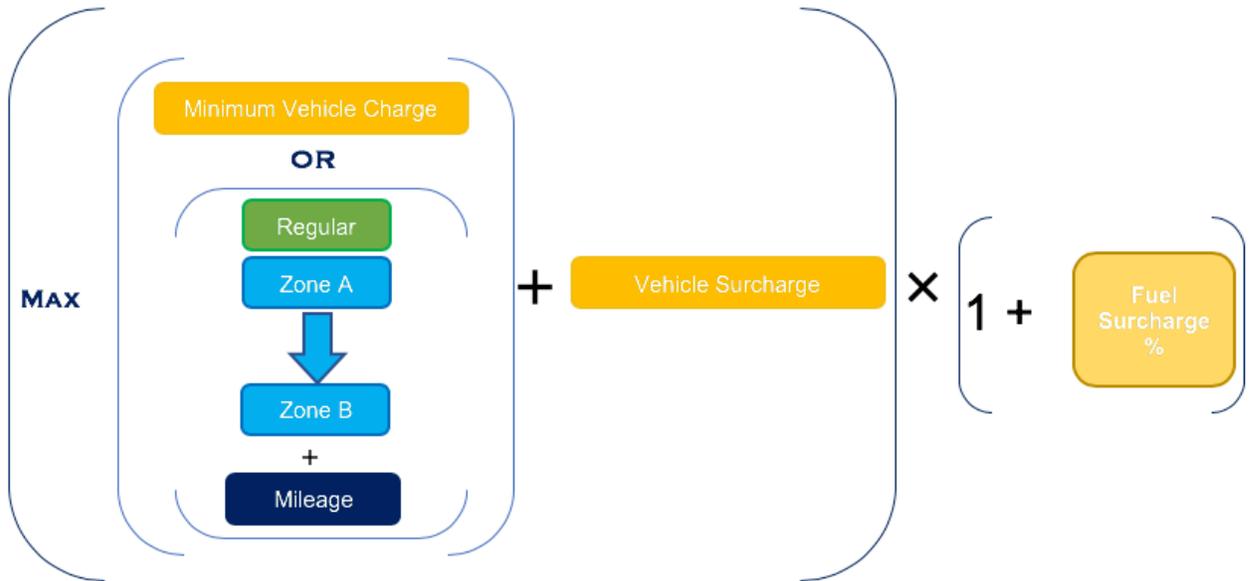
	A	B	C	D	E	F	G
	Upper Limit	Regular	Regular_Mileage	Rush	Rush_Mileage	Same Day	Same Day_Mileage
1							
2	5	\$ 8.50		\$ 18.50			\$ 12.75
3	10	\$ 16.00		\$ 26.00			\$ 20.25
4	15	\$ 24.00		\$ 34.00			\$ 28.25
5	20	\$ 32.00		\$ 42.00			\$ 36.25
6	25	\$ 8.00	\$ 1.45	\$ 18.00	\$ 1.45	\$ 8.00	\$ 1.45
7	30	\$ 8.00	\$ 1.48	\$ 18.00	\$ 1.48	\$ 8.00	\$ 1.48
8	50	\$ 8.00	\$ 1.50	\$ 18.00	\$ 1.50	\$ 8.00	\$ 1.50
9	100	\$ 8.00	\$ 1.55	\$ 18.00	\$ 1.55	\$ 8.00	\$ 1.55
10	150	\$ 8.00	\$ 1.60	\$ 18.00	\$ 1.60	\$ 8.00	\$ 1.60
11	999	\$ 8.00	\$ 1.68	\$ 18.00	\$ 1.68	\$ 8.00	\$ 1.68
12							

Note: Before selecting this pricing, as it will require a lot more data entry, please make sure using vehicle surcharges does not fill the pricing needs.

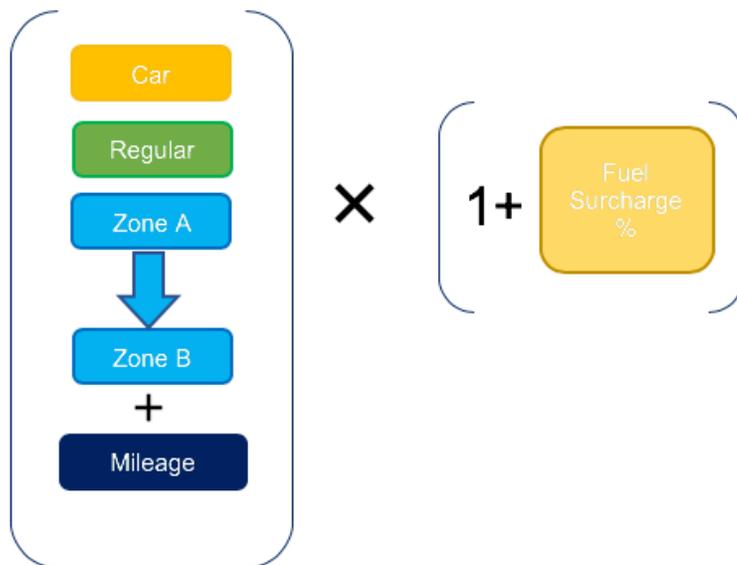
Pricing Formula

The total price is calculated from the Base Price (see below) with the addition of the extra fees added on the order.

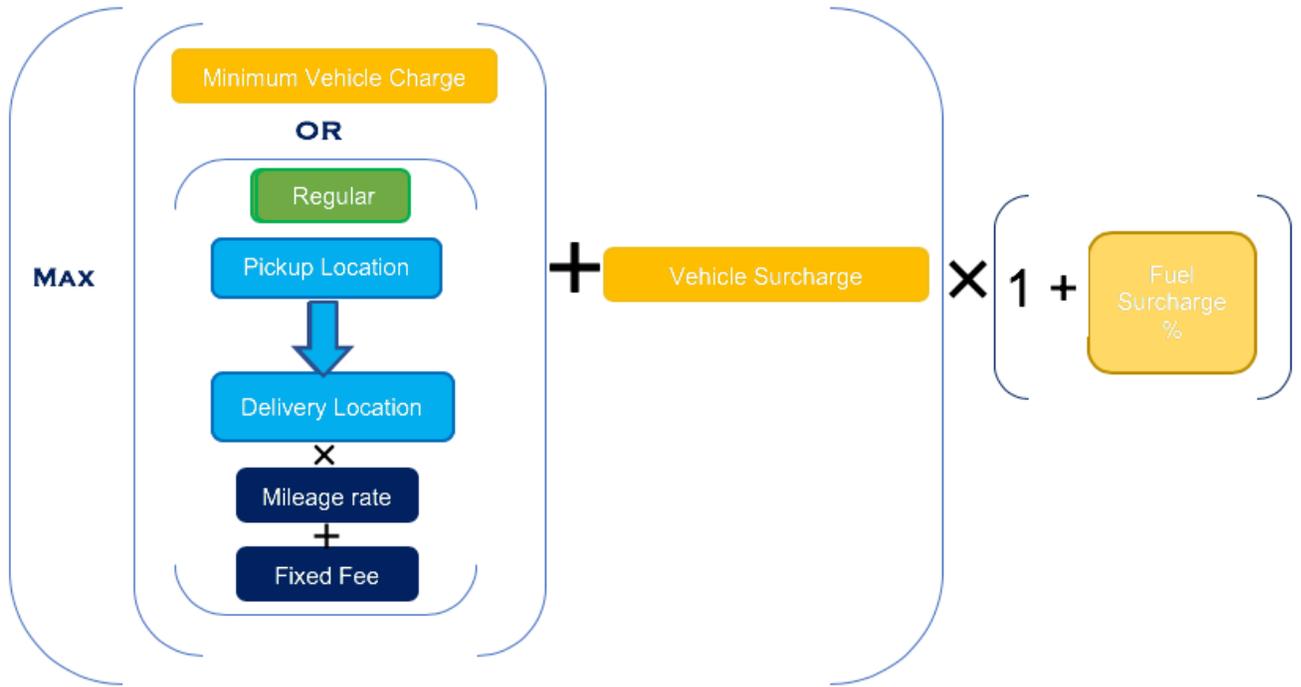
Base Price Calculation by Zone



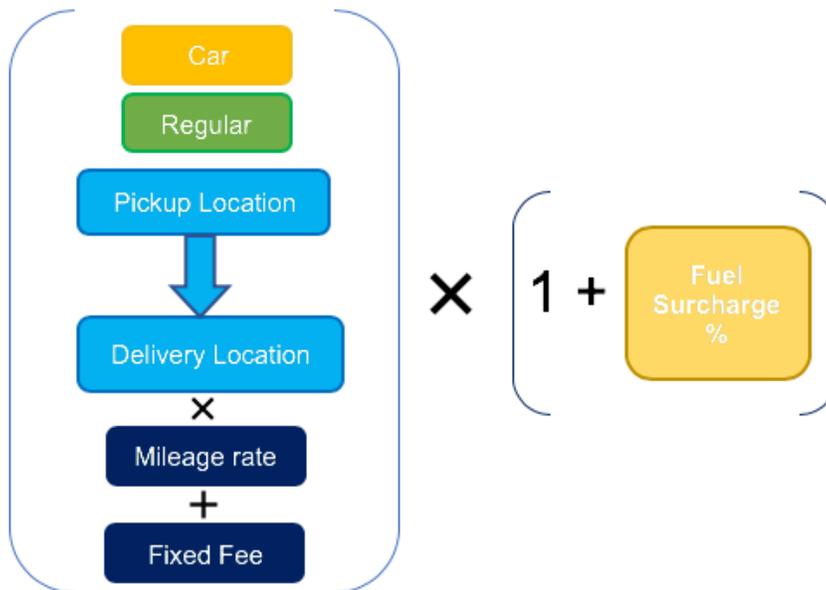
Base Price Calculation by Zone by Vehicle



Base Price Calculation by Distance



Base Price Calculation by Distance and Vehicles



Revision History

Version	Date	Summary of Changes	Author	Revision Marks (Yes/No)
0.1	2018-09-20	Initial version	Chantal Chabot	