





Requirements: associate type of client to type of vehicle

The functionality "Requirements" is used to indicate that a vehicle has to visit a client in particular. This may interest you for several reasons: for example, if some clients need to be addressed by a particular vehicle or if the driver has some specialized knowledge to serve a specific customers' group.

To begin, you must download the two specific templates for "Requirements", for vehicles and customers. We recommend using these new Excel (it's the same Excel that you are already using, to which we added the "Requirements" column). You can also add the new column to its previous Excel. Always remember that it is very important to keep the formatting of cells and not rename columns.





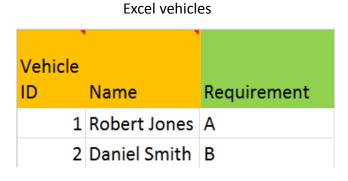
We have to classify customers and vehicles in the same way (A, B, C, D, ...). Below, we show an example: we have 2 vehicles (one of type "A" and one of type "B") and there is a route with 6 clients (1 of type "A", 2 "B" and 3 have no requirements).

To use this feature you must enter the values assigned in the "Requirements" column in the Excel client and Excel vehicle:

Client		
ID	Name	Requirement
1	Hotel1	Α
2	Hotel2	
3	Hotel3	
4	Hotel4	В
5	Hotel5	

6 Hotel8 B

Excel clients



1. Vehicles' Excel spreadsheet

In the vehicles' Excel you will find the "Requirements" column, which must have a different value for each vehicle. In this case, the values are alphabetical (A and B) but could also be numeric (1, 2, 3, ...) or otherwise.



/											Possible	Possible		
Vehicle								Start Time	End Time	Duration	Break	Break	Returr	
ID Name		Street	Number	City	Postal Code	Province	Country	Workday	Workday	Break	From	Until	Base	Requirement
1 Robe	rt Jones [Elverton Street	1	London	SW1P-2DT	London	United Kingdom	9:00	20:00	1:00	13:00	15:00	Υ	Α
2 Danie	Smith I	Elverton Street	1	London	SW1P-2DT	London	United Kingdom	9:00	20:00	1:00	13:00	15:00	Υ	В

2. Clients' Excel spreadsheet

In the clients' Excel (column "Requirements"), you have to indicate the type of vehicle you want for every customer. To do this, you must enter the values previously assigned to vehicles in the vehicles' Excel. For customers that can be visited by any vehicle, leave the box blank so Routing Reparto maximizes its route optimization.

Client	•	,					Possible Visit	Possible Visit	Visit	
ID Name	Street	Number	City	Postal Code	Province	Country	From	Until	Duration	Requirement
1 Hotel:	Eaton Square	112	London	SW1W-9AQ	London	United Kingdom	09:00	18:00	0:3	Α
2 Hotel	Piccadilly	210	London	W1J-0LF	London	United Kingdom	09:00	18:00	0:2	
3 Hotel	Kensington Gore	84	London	SW7-2AW	London	United Kingdom	09:00	18:00	0:1	
4 Hotel	Pall Mall East	5	London	SW1Y-5AU	London	United Kingdom	09:00	18:00	0:2	В
5 Hotel!	Whitehall	70	London	SW1A-2AU	London	United Kingdom	09:00	18:00	0:2	
6 Hotel	Shepherd Market	3	London	W1J-7JY	London	United Kingdom	09:00	18:00	0:2	В
7 Hotels	Glasshouse Street	46	London	W1B-5AR	London	United Kingdom	09:00	18:00	0:1	
8 Hotel:	1 Kinnerton Street	11	London	SW1X-8EA	London	United Kingdom	09:00	18:00	0:2	
9 Hotel:	.2 Grafton Street	3	London	W1S-4DZ	London	United Kingdom	09:00	18:00	0:1	
10 Hotel:	3 George Yard	1	London	W1K-6JF	London	United Kingdom	09:00	18:00	0:2	
11 Hotel:	4 Ambrosden Avenue	46	London	SW1P-1QF	London	United Kingdom	09:00	18:00	0:2	
12 Hotel:	.5 Smith Square	5	London	SW1P-3EU	London	United Kingdom	09:00	18:00	0:1	

