

City of Cupertino's Customized Report



Service constraints held constant (Cupertino determined)	
Zone size	10.6 sq km
Daily service hours	14
Service type	Corner to corner
Max walk distance	400m
Vehicle capacity	6

Service constraints that vary (Via estimated & Cupertino Defined)			Service targets (Cupertino targets; outputs of simulation)				
Demand Level	# of Vans	# of trips per hr	Av. ETA (min)	Av. ride duration (min)	Av. walk distance (meters)	Utilization	
Peak	low	8	25- 30	16 - 17	15 - 16	135 - 145	3 - 4
	medium	10	35 - 40	15 - 16	17 - 18	140 - 150	3.5 - 4
	high	12	45 -50	16 - 17	17 - 18	155 - 165	3.5 - 4
Off-Peak	low	6	15 - 20	15 -16	14 - 15	130 - 140	3.5 - 3.5
	medium	8	25 - 30	16 - 17	15 - 16	135 - 145	3 - 4
	high	10	35 - 40	16 - 17	15 - 16	150 - 160	3 - 4

Calculations (per scenario) (Simple calculations based on above service parameters)	
Cost / trip	Cost per vehicle hour / utilization
Service quality improvements	Specific KPIs (ETA, average walk distance, etc.) as compared to benchmark

Service Scale & Pricing

Service Hours: 6am-8pm (Monday-Friday), 9am-5pm (Saturday)



Service Option	Core	Recommended	Premium
vehicles* Based on peak hours	8	10	12
...including total vehicle hours	41,184	51,480	61,776
total cost** per vehicle hour	\$42.50	\$40.00	\$38.00
approx. contract value Without farebox collection	\$1.9M	\$2.2M	\$2.6M
approx. contract value With \$1 avg. farebox collection	\$1.7M	\$2.1M	\$2.4M

*Please note that these vehicle numbers depend heavily on observed demand. Via will deploy vehicles judiciously, optimizing the balance between utilization / efficiency and passenger experience.

**This pricing holds assuming that at least 80% of the proposed vehicle hours are purchased.