

Needs		Reduce the spread of diseases in subways							
		Touchless system		Train Car Cleaning		Ventilation		Crowd Reduction	
Economically Feasible		yes		yes		no		yes	
Reduce disease Transmission pathways		yes		yes		yes		yes	
Wants	W	R	D=W*R	R	D=W*R	R	D=W*R	R	D=W*R
Quick to set up	7	4	28	7	49	-	-	8	56
Minimal Impact on Commuter Life	5	8	40	4	20	-	-	4	20
Total			68		69				66

Adverse Consequences	Probability(P)	Severity(S)	Threat(T=P*S)
Touchless System			
May fail to scan people as they pass	0.05	6	0.3
Could be overwhelmed by close proximity of devices during rush hour	0.10	8	0.8
Train Car Cleaning			
Could slow down train schedule	0.10	7	.7
Crowd Reduction			
May be ignored by commuters	0.2	5	1
Capacity could be overwhelmed	0.15	7	1.05