Changi Airport, Singapore

Consistently rated as one of the world's top 2 airports, our client CAG Group was naturally concerned about the potential transmission of SARS-CoV-2 Coronavirus, and it's variants as well as indoor air quality. Wanting to gradually open up to renewed air travel, they were most concerned about protecting their incoming passengers and mitigating the potential for the Covid-19 viral transmission.

We installed 5 of our Model SG-508F Bi-polar Ionisation units into the ducts serving the huge Terminal 1 Arrival Immigration Hall. They were turned on the 29th of May, and turned off on 2 June for a baseline IAQ & Surface Swab ATP test. The baseline tests were taken at 12 locations. The units were then turned back on the 3rd of June 2021.

On the 4th of June 2021 just 22 hours later, a second IAQ & Swab test was done. The results showed a very significant decrease in surface ATP with the AtmosAir system. There was also a substantial reduction in PM2.5 particles, even though the outdoor PM2.5 count was much higher than on 2 June.

Test Number	Sample Site	Surface Swab Test		% Change
		Before AtmosAir	After AtmosAir	
		2-Jun-21	4 June -021	
1	RCMS Counter	60	<10	92% ⬇
2	Staircase Handrail	30	<10	83% ⬇
3	Down Escalator Handrail	100	<10	95% ⬇
4	Lift Button	50	10	80% ⬇
5	Swab Preparation Table	10	10	0%
6	Chair	20	<10	75% ⬇
7	Disembarkation Form Table	30	20	33% ⬇
8	Immigration Duty Officer's Counter	70	<10	93% ⬇
9	Counter 21	50	<10	80% ⬇
10	Counter 5 - Thumb Print Machine	80	<10	94% ⬇
11	Counter 10 Shield	20	<10	75% ⬇
12	011-38E Door Handle	60	20	67% ⬇