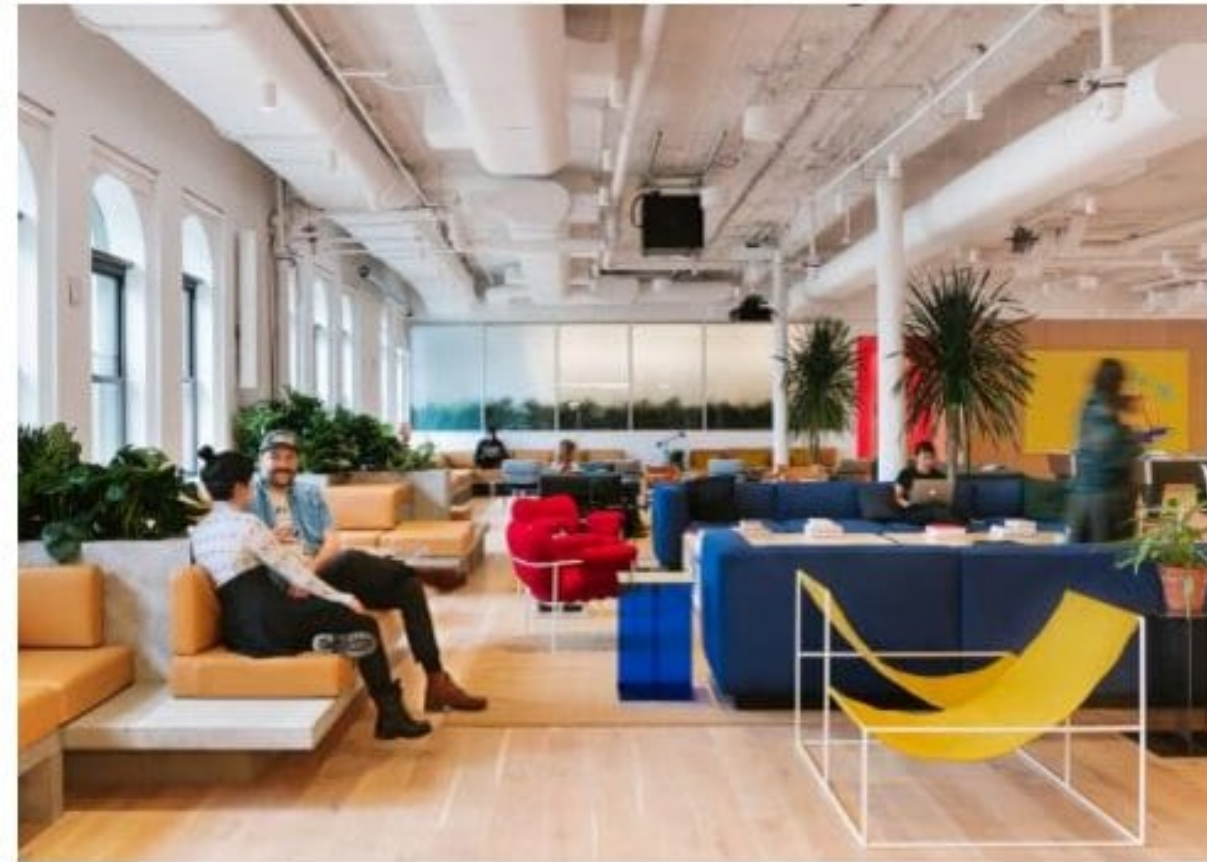


WORKPLACE CASE STUDIES AND PROJECTS



WeWork

Six locations with AtmosAir installed. AtmosAir has helped reduce Volatile Organic Compounds (VOCs) and particles by more than 80% in the New York City Headquarters pilot.



Old Post Office Chicago

Two million square foot installation in Chicago (2019)



Gensler

Installed in six offices. Air purification and real-time measurement of IAQ. The pilot project in LA showed 90% reduction in VOCs.



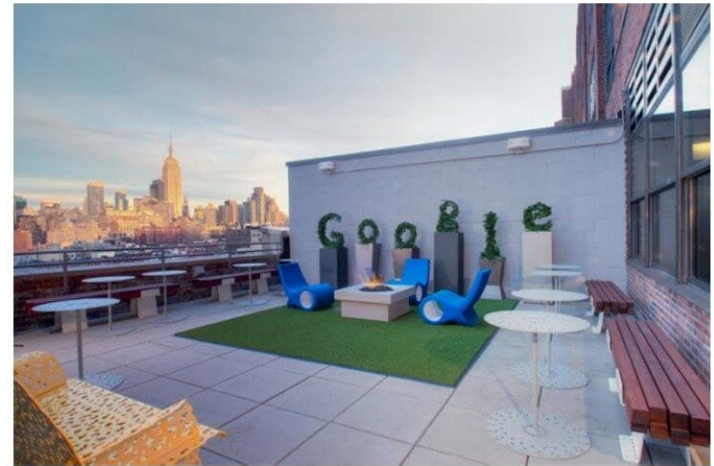
Ford

VOCs and five ranges of particulate reduced in this pilot project.

2019 AtmosAir Project | Google

Project Information: AtmosAir was brought on to Google office sites to help mitigate distracting odors from Google kitchens, and to improve general indoor air quality. AtmosAir has now been implemented in 4 Google locations in New York and California.

Architect: Gensler



Case Study | US Department of Defense



Fort Belvoir Power and IAQ Testing	Before	After	Percentage Difference
Power			
Outside Air	40%	5% (5 CFM Per Person)	-35%
Energy Consumption Costs	\$363,232	\$306,235	\$56,996
Avg amps/kWh rooftop readings	29.6	23.06	28%
Avg kWh rooftop readings	3.44	2.65	23%
IAQ			
PM2.5	19	5	-74%
PM10	24	7	-71%

“We have tested multiple technologies. One thing we quickly noticed is that the AtmosAir systems are reliable and AtmosAir works. We have had good success with the products and have installed them in a number of buildings.”

– Dennis Bonair, Chief Engineer, Fort Benning

RESULTS

The return on investment was paid back in less than three years through HVAC-related cost savings.

IAQ was dramatically improved.

The Federal Energy Management Program (FEMP) report was produced based on the AtmosAir case study at Fort Belvoir.

AtmosAir is now installed in over 50 United States Department of Defense buildings including buildings at Fort Belvoir, Guantanamo Bay, Fort Drum, Quantico, Hickam Naval Base, Fort Benning, Fort Lee, Camp Keyes, Walter Reed Medical Center among others.



Case Study | JP Morgan Chase

575 Washington Blvd, Jersey City, NJ



RESULTS

AtmosAir was installed and tested in four separate areas of the JP Chase Morgan Jersey City location. Overall indoor air quality was significantly improved.

CO2 was decreased overall, despite the measured reduction in outside air intake.

PM2.5 was reduced by an average of 86% across testing locations.

PM10 was reduced by an average of 79% across testing locations.



Testing Results: PM 2.5 (Particulate)				
	Pre AtmosAir	Post AtmosAir	Difference	% Difference
NE	31	7	-24	-77%
NW	27	5	-22	-81%
SE	28	2	-26	-93%
SW	24	2	-22	-92%

Testing Results: PM 10 (Particulate)				
	Pre AtmosAir	Post AtmosAir	Difference	% Difference
NE	32	8	-24	-75%
NW	28	8	-20	-71%
SE	30	4	-26	-87%
SW	25	4	-21	-84%

Case Study | Ministry of Education Singapore



Ministry of Education
SINGAPORE

SITUATION

The Singapore Ministry of Education office was faced with formaldehyde readings that were elevated slightly above the acceptable limit of 0.08ppm.

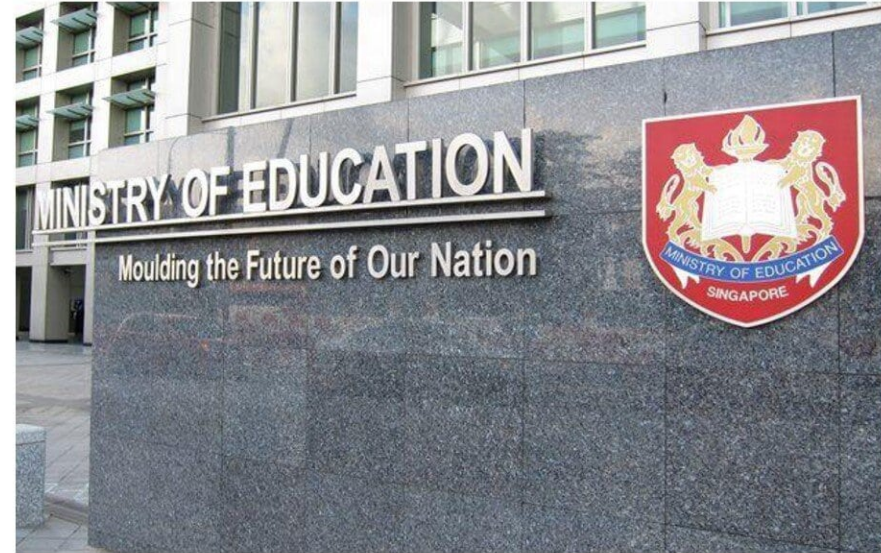
Baseline testing was performed in 12 separate areas.

RESULTS

AtmosAir was installed throughout the building in all air handlers.

The Singapore Ministry of Education saw formaldehyde reductions of at least 50% in all 12 areas, ensuring permissible levels.

All testing was done by a third party, Nuevo Laboratory.



The Ministry of Education Office in Singapore

Case Study | Empire State Realty Trust



"I have been working with AtmosAir for years in the US, where we have installed the system successfully on several projects. AtmosAir delivers indoor air quality without emitting ozone. Their system reduces viruses, VOCs, PM, bacteria, allergens and the impact on the health and wellness of occupants is quantifiable. We have tested AtmosAir in over 300 different spaces for results."

— Dana Schneider, Portfolio Manager, JLL/ESRT

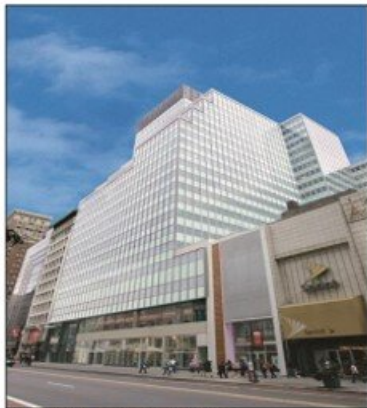
RESULTS

AtmosAir helped Empire State Realty Trust (ESRT) achieve energy star certifications at each building.

Improved indoor air quality was measured and validated.

AtmosAir is now installed in 6 ESRT buildings in New York City, serving over 3 million square feet of office space.

EMPIRE STATE
REALTY TRUST



112 West 34th Street, New York City, NY