

County Building

A large county in Virginia was looking for technology solutions to provide safe and healthy work environments for its employees and visitors. AIRPHX deployed a single PA2400 unit in the building (250,000 cubic feet) and did testing to show the effects of AIRPHX technology.

- Equipment: One AIRPHX PA2400
- Testing Dates
 - Pre-Treatment: 11/29/2018
 - In-Treatment: 1/10/2019
- Size: 25,000 sq ft; 9-11 ft ceilings
- Air and surface testing was conducted throughout the entire building
 - Lab testing of 15 locations confirmed reduction of airborne pathogens by an average of 99.0%
 - Lab testing of 14 locations confirmed reductions of surface pathogens by an average of 95.2%

* A CFU is a colony forming unit, which is used in microbiology to estimate the number of viable bacteria or fungal cells in a sample.



Air | **99.0% reduction of pathogens**

Pre-Treatment Results*: 433 cfu/m³

In-Treatment Results: 4 cfu/m³

Surface | **95.2% reduction of pathogens**

Pre-Treatment Results: 57.9 cfu/cm²

In-Treatment Results: 2.8 cfu/cm²