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Pandemic Prompts National Security Questions Tech Company Stops SARS-CoV-2 in Its Tracks



The world of environmental hygiene is changing

with COVID-19's strain on government agencies working to mitigate the impact of the spread. Military bases, Naval fleets, the State Department, Pentagon, Courts, U.S. Post Offices, and educational facilities are all high-traffic areas at risk for coronavirus. Protecting staff and troops is of the utmost importance, and many departments are looking into the newest technology to eliminate the threat of SARS-CoV-2 in offices and public spaces.

Tracking contamination: How shoes are spreading pathogens

Pathogen spread has been proven to occur via floors and shoes (Koganti 2016). Respiratory droplets migrate in the air and settle on floors, creating pathways to infect new hosts, making the battle against the recent pandemic even more challenging.

Taking cues from innovation found in health facilities around the globe, many departments are starting to look at disinfection as well as environmental hygiene as a basis for future security. In a July 2020 article by the CDC, research found, "the virus was widely distributed on floors, computer mice, trash cans" and other areas throughout the facility. Compounding the additional security concerns, it's apparent that environmental hygiene should be a top priority to mitigate loss of life. The CDC recommends soles be disinfected as part of hygiene protocols, as deadly pathogens, including coronavirus, can be quickly spread to other surfaces.

Moving forward: military and civil mitigation is a two-fold approach: Eliminating the virus needs a detailed, multi-prong approach to protect human assets. Budget constraints muddy the waters, and technology has been slow to adapt to the ever-evolving COVID-19 crisis.

COVID-19 has an opponent as powerful as its spread

To face Coronavirus and its threat to the Nation, government agencies need a solution that stops the virus in its tracks—literally. One innovative, science-based technology company is taking on the fight to keep America's most sacred spaces safe.

PathO3Gen Solutions UVZone, a patented, Ozone + UVC technology was tested for efficacy eliminating Coronavirus by Crem Co Labs in Ontario, CA. Comparing these results to a UVC-only study proved that UVZone is 24x more effective against human coronavirus. Another independent study by NSF Labs proved the UVZone is 110x more effective against deadly pathogens such as MRSA, C. Diff, and E. Coli. Taking only 8-seconds to use, with a 99.999% elimination rate, and leaving zero human Coronavirus residue on footwear, it is heralded as a technological breakthrough in infection prevention. Put simply, the revolutionary design of the technology destroys particles faster and more effectively than UVC light alone.

"Our company was founded on the premise of saving lives and stopping the spread of disease," explained John Bolte, PathO3Gen Solutions President. "We face an unprecedented threat to our national security and economy. Our UVZone shoe disinfection technology is uniquely capable of improving worker and public safety by securing perimeters."

Hospitals, nursing homes, museums, warehouses, offices, restaurants, and cleanrooms have invested in PathO3Gen's specialized Ozone + UVC technology, creating a barrier against coronavirus and infection spread. The technology is available through the USAF AFWERX grant program pending request of Airmen. <https://www.afwerx.af.mil/>

More information on the technology at www.patho3gen.com.