



One Step to Reduce Salmonella in Production and Processing

St Petersburg, FL - Innovative new technologies and improved processes for biosafety from farm to packaging have never been more important, as USDA's new proposed regulatory framework to control Salmonella may create additional challenges for many producers. Utilizing a **patented combination of UV-C and ozone, the UVZone® Shoe Sanitizing Station** is an innovative and significant pathogen intervention.

UVZone has achieved **high kill rates** in 3rd party efficacy studies using **ASTM E1153 test methods** against many common pathogens including **Salmonella (99.998% reduction - 4.81Log) in ≤8 seconds**. With properly placed Stations, poultry and processing biosafety can be enhanced from pre-harvest through packaging.

[The Journal of Applied Microbiology review](#), *Shoe Soles as a Potential Vector for Pathogen Transmission* finds **a clear need for innovative new pathogen control strategies, especially to address contamination of shoes and floors**. "...studies were identified that showed high rates of bacterial shoe sole contamination in the animal worker, hospital, and community areas. Although a number of chemical and nonchemical decontamination strategies have been tested, **none have shown to be able to consistently decontaminate shoe bottoms.**"

The Stations are **water-resistant, portable, and plug into a standard outlet**. Stepping on the unit activates the UV-C light and ozone to disinfect shoe soles. The station can be set at 6, 8, or 10 seconds and alerts the user with a beep signaling the disinfection is complete and to step forward off the unit. Stations can be placed at entrances to any critical area preventing cross-contamination from shoe soles.



- No extra staff needed to operate stations
- No chemicals
- No consumables or waste
- Minimal energy consumption
- NSF International tested
- TÜV SÜD Certified
- EPA Registered
- USA Manufactured ISO 9001-2015

About PathO₃Gen Solutions - PathO₃Gen Solutions (www.patho3gen.com) is a privately held Florida-based company holding multiple patents on their technology and equipment. Their sole mission is to create cleaner, safer environments.

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