



THE ULTIMATE SOLUTION: SANITIZING PPE ON-SITE WITH OZONE TECHNOLOGY

Millions Saved
by Fortune 100
Logistics Company
with One Simple
Investment

KILLS
99.9% OF
VIRUSES*

KILLS
99.9% OF
BACTERIA*

REDUCES
OFFENSIVE
ODORS



Model Shown:
ZONO™ SC 2 DD WSL
Double Door, Double Deep
Cabinet with Signal Light

This leading Fortune 100 company operates hundreds of world-class facilities in cities and communities around the globe to efficiently get customers what they need. This division focuses specifically on grocery items, operating both physical stores and same or next-day delivery service in most major U.S. cities.

Recently, this division changed the way it manages the personal protective equipment (PPE) used by workers in its cold storage warehouses, saving millions of dollars a year and establishing a new best practice for employee hygiene and safety.

The Company Safety & Hygiene Are Top Priorities

Items ordered through the company's delivery service come from their Fulfillment Centers, which are located across the country. Like retail grocery stores, Fulfillment Centers comprise both ambient temperature zones for nonperishables, and cold-storage zones for perishable products.

To comply with employee safety protocols, workers in freezer zones must wear a full-body insulated suit, boots, and gloves.

Their hygiene standards call for the insulated suits to be laundered and sanitized after each use, whether visibly dirty or not. Sanitizing the reusable suits is particularly important because the fast pace of work in these facilities can cause workers to perspire, eventually causing bacteria and odor to grow within the fibers of the suit.

"Employee safety and hygiene are top priorities at our company. However, since we operate 24/7, it's virtually impossible to provide each employee with a dedicated suit," says their Project Manager.

The Challenge Bringing the Process In-House

Until recently, this Fortune 100 company utilized off-site industrial laundry facilities to clean and sanitize their suits. However, this option has several drawbacks:

- Local laundry services can clean and sanitize some PPE, but may not be able to launder other items.
- Frequent laundering can degrade fabrics, reducing its integrity and lifecycle.
- PPE may be out of commission for an extended period for pick-up, laundering, and delivery.
- Even with bulk discounts, laundering can be expensive.

The expense and turnaround time sent their Project Manager to search for a better solution and she found it in ozone technology.

Ozone gas does not damage or impact the integrity of fabrics and can be used on "non-washable" items. It has been accepted by the USDA, FDA, and World Health Organization as an efficient and effective disinfecting and sanitizing agent.

A Successful Collaboration

Why ZONO Technologies™

In keeping with the company's commitment to quality assurance and customer satisfaction, ZONO Technologies™ and ZONOSanitech™ engineers worked closely with their Project Manager to ensure that the ZONO™ Cabinet would meet their needs and sanitize the insulated suits used by cold-storage employees.

"We wanted to ensure the cabinet generated enough ozone to penetrate all fabrics. We accomplished this by optimizing the cabinet to meet this customer's unique needs," explains Jim Patton, Executive VP of ZONOSanitech™.

The company's Project Manager shared what set the ZONO™ solution above the rest:

- A custom Integrated Mobile Cart System to accommodate insulated suits, allow the PPE to hang freely, and permit the ozone to penetrate the fabrics fully.
- An easily visible and audible signal system to indicate the end of the sanitizing cycle.
- A close partnership with each Fulfillment Center and Project Manager to ensure the proper steps were in place before and after installation.
- Training sessions were held and ZONO™ Cabinets were assembled and tested on-site.
- Created custom reporting to keep project manager aware of support and service calls across facilities.



How The ZONO™ Works

A Scientific Approach to a Common Nuisance

The ZONO™ Ozone Disinfecting and Sanitizing Cabinet kills 99.9% of common viruses+ on non-porous surfaces and 99.9% of common bacteria* on non-porous, semi-porous, and porous surfaces.

- ✓ **Efficient:** The patent-pending ZONO™ Cabinet uses a combination of ozone and humidity to disinfect+ and sanitize* PPE on-site in just 38 minutes, after which items are ready for immediate use.
- ✓ **Sustainable:** The ZONO™ Cabinet uses less than 1.5 ounces of distilled water and less than \$0.07 of electricity per cycle."
- ✓ **Safety:** The system's air-tight cabinet and numerous safety features, such as magnetic locks and ozone sensors, allow the ZONO™ Cabinet to be used safely anywhere in a warehouse. Once items are treated, the cabinet's catalytic element converts the ozone back to oxygen.
- ✓ **Ease of Use:** The ZONO™ Cabinet requires no user assistance during operation. Unlike other ozone systems that require users to bend over, the ZONO™ Cabinet features an Integrated Mobile Cart System that allows users to roll items in and out of the cabinet.
- ✓ **Integrated Mobile Cart System:** The Integrated Mobile Carts are designed to accommodate insulated suits, lone worker devices, electronics, gloves, protective headgear, and more. The mobile carts can also be used for additional storage, helping to avoid potential cross-contamination.

Customer Testimonial

Five Star Review ★★★★★

"The white-glove service, agility, and flexibility provided by ZONO Technologies are truly a step above previous suppliers, making this one of the most successful vendor relationships we have. I especially appreciate the way they communicate and the quick response from their customer-focused implementation and service teams, who have been instrumental in each step of the roll-out to our facilities. We no longer worry about suits being available when needed, and our site leaders, area managers, and cold-storage employees report good experiences with this new approach. Adopting the ZONO™ solution has led to process improvements by sanitizing the PPE on-demand and on-site, eliminating the need to coordinate with off-site laundry services, and has cut costs for PPE sanitization by 80%, saving millions of dollars a year vs. external laundering costs. Choosing ZONO Technologies has been a big win for our employees and our business,"

- Project Manager



ZONO Technologies™
www.zonotechnologies.com
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+Disinfecting level (kills 99.9%): Norovirus, Influenza-A, and Respiratory Syncytial Virus on non-porous surfaces.

*Sanitizing level (kills 99.9%): Staphylococcus aureus, Methicillin-Resistant Staphylococcus aureus, Escherichia Coli, Streptococcus Pyogenes, Shigella dysenteriae, Salmonella Enteritidis, and Pseudomonas Aeruginosa on non-porous, semi-porous and porous surfaces.

For more information on the energy and water efficiency of our cabinet see our sustainability webpage <https://www.zonotechnologies.com/sustainability/>.