

# HEALTHCARE ENVIRONMENTS

## *Redefining Infection Control*

*Acute Care Outpatient/Ambulatory LongTerm & Residential Care Behavioral Health Home-Based Ancillary  
Research & Academic*



**Healthcare Bio-Defense**



**STERILE SAFE**  
SOLUTIONS

## Why Healthcare Leaders Choose S3

The stakes are high: operational continuity, patient safety, staff health, and public confidence all hinge on a facility's ability to control pathogens at every point of care.

Our integrated solution is actively transforming infection control across a broad range of healthcare settings:

### 1. Surface Disinfection

- » Supports microbial reduction in ORs, patient rooms, emergency departments, and intensive care units.

### 2. Air Purification

- » Enhances air quality in HVAC zones, isolation rooms, negative pressure areas, and high-traffic corridors.

### 3. Wound Healing Support

- » Reduces environmental infection risk for patients with burns, ulcers, or chronic wounds—supporting better outcomes.

### 4. Equipment Sterilization

- » Provides safe decontamination of non-critical medical tools such as stethoscopes, monitors, and mobile equipment.

### 5. Water System Safety

- » Can be applied to treat healthcare water systems and dialysis units, mitigating microbial threats at the source.

### 6. Pharmaceutical & Laboratory Use

- » Supports sterile integrity in clean rooms and compounding pharmacies.

### 7. S3 | Continuous Bio-Decontamination in Real Time. Chemical-Free. Safe. Proven.

- » We welcome the opportunity to provide a confidential assessment or introduce our capabilities to your infection control and facilities management teams.

## Comprehensive Impact Across the Healthcare Ecosystem

**S3's system and cost-effective strategies** offer an advanced, continuous, and safe approach to pathogen mitigation that doesn't rely on chemicals, doesn't interrupt care delivery, and exceeds the expectations of modern healthcare leaders seeking sustainable, technology-driven solutions.

### Real-Time, Medical-Grade Pathogen Mitigation—Without Disruption

In today's complex healthcare environment, they must operate with unwavering precision and accountability. Infection prevention is not only a matter of regulatory compliance, but also a critical component of patient care, clinical outcomes, and operational excellence.

At **S3**, we deliver continuous indoor air and surface decontamination solutions designed for real-time application in occupied clinical spaces. Our chemical-free, sustainable process supports 24/7 pathogen control across every environment, without taking rooms offline or disrupting care delivery.

Whether in the ICU, surgical suites, nurses station or any common area, our systems provide **Medical Grade Indoor Air Quality™** and contact surface cleanliness to reduce infectious risks, improve patient outcomes, and safeguard staff—all while supporting uninterrupted operations.



*Note: The solution in many cases has a lower Operational Cost than any other viable and certified approved solution. Whether it's reducing labor or reduced chemical treatment on contact surfaces or initial Capex without large annual replacement costs. This solution fits the bill for best cost cutting strategy with the most effective scientific results*

## Strategic Infection Control

Even with rigorous cleaning and infection control protocols, persistent bioburden remains a challenge, a challenge that requires more than episodic interventions.

Our solution delivers a transformational improvement in the clinical hygiene environment by:

- » Rapidly lowering airborne pathogen levels to meet or exceed cleanroom-grade test results
- » Reducing surface contamination to medically validated levels—even during patient occupancy
- » Helping to eliminate common HAIs, including MRSA and other multi-drug-resistant organisms
- » Maintaining consistent efficacy 24/7/365, regardless of foot traffic or procedure volume
- » Quickly correcting spikes in environmental pathogen levels due to surgical load or visitor flow



### *Redefining Infection Control in Environments*


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