



# NET ZERO ENERGY INDOOR AIR QUALITY™



## EXECUTIVE OVERVIEW

Sterile Safe Solutions (S3) provides consulting services to address decarbonization thru energy efficiency towards achieving net zero goals in new and existing large commercial buildings. Using our NZE/IAQ approach we address the largest emissions culprit in the built environment – HVAC systems. Our clients typically experience significant energy efficiency gains, emissions reductions and increased occupant health, welfare, and productivity. While we focus in part on environmental concerns, we are also focused on economic returns balancing first costs with long term value/cost over a building's lifetime, system durability and performance. A better performing building is one that lasts longer, is less expensive to operate, and is more attuned to occupants.

S3 embraces a unique Trifecta approach to each project to better understand your situation and clarify your needs to assist you in achieving your goals. Our approach includes:

- Consultancy
- Specialty Engineering
- Curated: Hardware, Software & package

## S3's TYPICAL WORK PRODUCT RESULTS PROVIDE

- Digitizing your entire real estate portfolio to create a “living building” that can be monitored in real time for any key parameters of conditions the organization’s desires.
- Replacements and improvements that can have the return on investment (ROI) visualized so the CFO can see how investments are performing.
- Continuous monitoring-based commissioning allows for asset optimization in real time with the intent of improving building performance and extending asset life.
- This will assist in decision making across the real estate portfolio.

## THE BENEFITS FOR BUILDING OPERATORS ARE

- Monitoring established metrics for performance.
- Maximizing energy performance.
- Reduce “nuisance” alerts reducing contractor call outs and labor cost.
- Predictive maintenance program versus reactive.
- Typical savings of 15% achieved when implemented.
- Real time visualization of investment performance.

The digital platform is highly advanced and constantly evolving. The primary benefit to building operators is enabling remote training and fast deployment of repairs.



S3's digitization of your building and monitoring based commissioning provides significant savings yielding a rapid return on investment. It also houses important documentation, such as drawings, O&M Manuals, and reports.

S3 will provide continuous real time visualization of the performance of your investments in building systems assets, allowing for asset optimization, extension of the asset life and auditable maintenance efforts to protect your investments.