

BioProtection for You

Employing the Aegis MicrobeShield technology and TETRAD's sensing and analytical methods, a BioProt treatment plan produces a surface-lifetime shield that eradicates bacterial, fungi and viruses that come in contact, using a non-antibiotic cellular impairment method developed first at Dow Chemical in the 1970's and later refined through Army-funded and corporate/academic partnerships.

The BioProt treatment leaves your wood, plastic, metal, textile, or masonry surfaces looking and feeling the same but empowered with a barrier against the growth of any microbe including molds.

TETRAD provides extensive surface and environmental pre-application testing services that help to reduce redundancy and unnecessary costs and that help to ensure the facility is getting the maximum value from any protective or disinfectant treatment. We employ

- ◆ GC and HPLC
- ◆ GC/MS
- ◆ AA and ICP
- ◆ AFM and Raman
- ◆ FTIR and UVS
- ◆ PCR and Immunoassay

Base Lab
+
Mobile Pod Labs

If your facility and people will benefit from our looking into any nook or cranny even at the nanometer or part-per-billion level, then we can provide what you deserve and need!

Contact us for:

- ◆ Technical Data Specs
- ◆ Comparative Studies
- ◆ Customer Reports
- ◆ Technical and Product-Use Articles
- ◆ Cost Plans and Quotations

Clients and Partners include:

Boeing Intel
Solutia Wal-Mart
Aegis Ontario Power
Global Information Systems
Dept. of Defense (USA)
Dept. of Homeland Security (USA)
Dept. of Energy (USA)



TETRAD Innovation, Inc.
53 Blossom Road
Windham, NH 03087

(757) 847-5511
(207) 229-2323

<http://tetradinnovation.com>

<http://nomadeyes.com>

<http://ecoasisnetwork.org>

contact@tetradinnovation.com

TETRAD INNOVATION

Discovery
Adaptation
Reaction
Evolution



BIOPROT

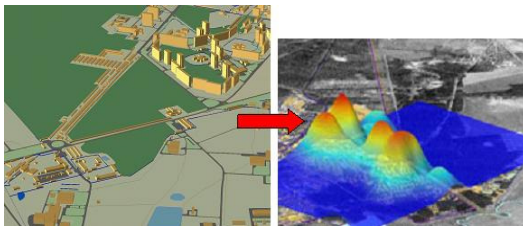
**Intelligent AntiMicrobial
& AntiMold Bioprotection
for Contact Surfaces,
Buildings, Vehicles, Ships**

PROBLEM

MRSA (Meth-Resistant Staph Aureus), Salmonella, e.Coli, Norwalk Virus – these are but a few of the more common bacteria and viruses that pose constant threats in a world of people on the go, large numbers, sharing contact through commonplace objects and surfaces. Doorknobs, handles, trays, shopping carts, hotel room counters and fixtures, airline seats and armrests, and simply walls and surfaces.

The problems become more severe in environments like day care centers, schools, gyms, hospitals, cruise ships, airplanes and airports, and wherever there are not only crowds but movement and exchange of contact through towels, handles, clothing, and ordinary everyday objects.

These problems of runaway microbial growth and contagion are not only matters of health concern and danger for people, but also for buildings and properties. Mold and other fungi are serious issues all over the world, and not only in high-humidity regions such as the tropics and subtropics. Mold is expensive- and ugly. And like many of the problems of contagious disease spread from person to object to persons, mold is containable, reducible, preventable. The only question is whether or not people want solutions.



SOLUTION

TETRAD Innovation has a solution and part of it has been around for years, accepted, approved by every federal agency and most international bodies regulating chemical treatments and treatments.

First, the Analysis Stage, by Site Visit and Observation. This may take many formats and means including automated and online. We identify the critical needs and gaps.

Second, the Treatment Stage, performed by certified applicators. The right concentrations and methods for your surfaces, buildings, people.

Third, the Education Stage, customized to fit your employees, students, visitors, patients, customers. This may be in-person, on-site, on-line or a combination of methods and techniques. It does not end and disappear.

Fourth, the Maintenance Stage, the “Eyes” of our sensing and detection follow-on protocol, combining in-person and remote monitoring to fit your circumstances, requirements and budget. We employ the most advanced biosensing and biodetection technology to provide your and your users and customers with legitimate, confident peace of mind. You rest knowing the best possible practices are engaged and operating to keep your facilities and operations microbe-clean.

Surface bioprotection with chemicals alone is only the first part of solving the problem. It's like building a house – you need the bricks and mortar. But if you forget about maintenance and care, even a castle comes tumbling down.

METHOD

Our method consists of analysis, certification, treatment and monitoring. We call it BioProt because we address Protection and not only from harmful microbes but For the Bio-lifeforms that need protection – People. Our method is not only about putting a chemical treatment on your walls and surfaces. That is one of the base ingredients, and the rest is where we bring in the knowledge that stays with you and your organization and is the Real “Bio” Shield.

We begin with the unique situation of your institute, facility, or product. Whether it is one or several buildings, or a fleet of vehicles, a warehouse of products, or a facility with specialized equipment and special needs, we first address the requirements for application and treatment with the BioProt product line.

We address your infection control plan past and present, with disinfectants, protocols, and sensing. We also work with you to solve the logistics of how and when to apply a treatment that may cover floors, walls, halls, and more.

TETRAD's application personnel consist of fully trained and certified (IAQA, CMR, CIE) applicators and managers who have an understanding backed up by experience. Our applicators know your constraints and limitations before they set foot in the door or before your goods reach the application stage.

However, surface treatment is only one part of the solution. Detection, monitoring, training, teaching and follow-up are essential. We add “**intelli-gredients**” to the formula. That is what sets us Apart.