



## About Us

OmniShield™ Solutions is part of the CV Family Corporation family of companies. We've been serving customers since 1986. Working with some of the largest companies in the world as well as with hundreds of small and medium size businesses, our goal has always been the same: to provide innovative products and services that are custom-tailored to our clients' needs. OmniShield™ Solutions provides businesses with a powerful, patented system to eliminate and protect against the spread of harmful microbes utilizing the **BioProtectUs™ System**.

## Persistent Antimicrobial Protection

**The BioProtectUs™ System** disinfects surfaces and provides durable, long term protection that kills and inhibits the growth of problematic bacteria, viruses and other microorganisms utilizing safe, non-toxic, EPA-registered products. The unique antimicrobial formula can be incorporated into traditional cleaning routines across many industries to help keep surfaces sanitized longer, protecting you, your customers and your employees from potentially life threatening infections caused by harmful microbes.

## Our Team

We are led by a team of business leaders with decades of experience in multiple industries who specialize in design, manufacturing, supply management and labor management providing the perfect pairing of skills and knowledge to serve you. We also have a network of trained and certified technicians nationwide to give you the highest level of service and execution.



## Frequently Asked Questions

### What Is OmniShield™ Surface Protection Program?

The OmniShield™ Surface Protection Program, in partnership with BIOPROTECT™, utilizes the BIOPROTECTUs™ system which uses patented, EPA-registered technologies to modify surfaces, providing such surfaces with hospital-grade disinfection and durable long term antimicrobial protection that kills and inhibits the growth of problematic bacteria, fungi, algae, protozoans, viruses and other microorganisms that exists on many of life's surfaces.

### Can Your System Be Used To Treat Against COVID-19?

**Yes!** The chemistry utilized by the OmniShield™ Surface Protection Program has been approved by the EPA for use against SARS-CoV-2, the coronavirus that causes Coronavirus Disease 2019 (COVID-19) and meets the EPA Viral Emerging Pathogen Policy showing efficacy against envelope and non-envelope virus, both large and small when used as directed on hard-non-porous surfaces.

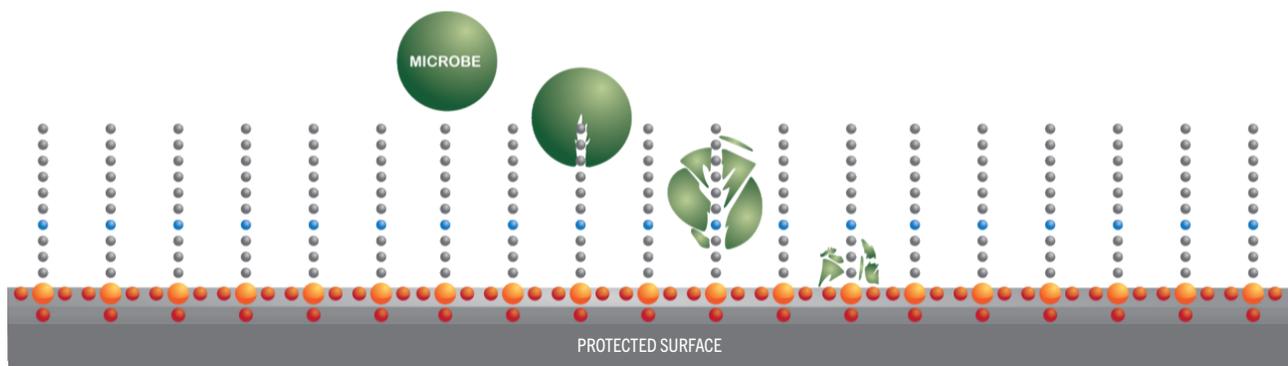
### What Other Harmful Microorganisms Does the OmniShield™ Surface Protection Program Treat?

The OmniShield™ Surface Protection Program destroys/eliminates and protects against up to **99.999% of harmful microorganisms**, including the following bacteria, viruses, fungi and other:

- Acinetobacter baumannii
- Aspergillus Niger
- Enterobacter aerogenes
- Escherichia Coli ("E. coli")
- Hepatitis B
- Hepatitis C
- Human Immunodeficiency Virus ("HIV")
- Klebsiella pneumoniae
- Legionella Pneumophila ("Legionnaires' Disease")
- Listeria monocytogenes
- Methicillin-resistant Staphylococcus aureus ("MRSA")
- Murine Norovirus
- Norovirus
- Pseudomonas Aeruginosa
- Respiratory Syncytial virus ("HRSV")
- Rotavirus, Strain WA
- Salmonella choleraesuis ("Salmonella")
- Staphylococcus aureus
- Swine Influenza ("Swine Flu")

## How Does the Antimicrobial Technology Work?

1. When applied to a surface or incorporated into a material, the antimicrobial chemistry forms a covalent bond with the substrate and creates a microbiostatic antimicrobial protective layer. The layer forms a nano-bed shield of spikes (self-assembling monolayer), each of which carries a positive charge that attracts negatively charged bacteria. Once attracted, the molecular spikes pierce the cell and rupture its cell membrane, causing that bacterial microorganism to die. Requires no rinsing or wiping with application. Unlike other antimicrobials, the efficacy remains for a long period of time and protects surfaces between cleanings.



2. Other technologies work by “uploading” into the microorganism with the use of poisons and toxins resulting sometimes in a mutation of the original microorganism. Our system does NOT promote adaptive organisms because it create a surface that is inhospitable to microbes.

## How Long Does the Antimicrobial Last?

The Antimicrobial does not dissipate over time, won't wash off, doesn't leach or move, and is not consumed by microbes. This antimicrobial technology works persistently and continuously on the applied substrate for up to 90 days on hard, non-porous surfaces and up to a year or more on soft, porous surfaces depending on the composition of the substrate and the conditions of the environment. It's not really a “coating,” like paint, as its application actually results in the formation of a totally new surface, technically known as a co-polymer, which becomes an integral part of the original surface.

## Will Routine Cleaning Compromise the Treatment?

No. The OmniShield™ Surface Protection Program is not a replacement for routine cleaning. Actually, regular cleaning is recommended and actually keeps the thin, protective antimicrobial surface free of dust and debris to be more effective on microbes. Normal cleaning will not harm or remove the top coat of a treated surface. It is, however, important to note that sanding, or scrubbing treated surfaces with abrasive cleaners, will partially remove it, requiring spot re-application to regain effectiveness.



# Frequently Asked Questions

## How Safe Are the Products You Use?

The products used as part of the OmniShield™ Surface Protection Program do not contain heavy metals, are non-leaching, have no VOCs and are non-toxic to people and pets. The products are EPA-approved; Skin Contact Safe; Non-Flammable, Non-Hazardous; Environmentally Neutral and Eco-Friendly so they will not stain or harm any surface they are applied to.

## What Surfaces Can Be Treated With Your System?

The OmniShield™ Surface Protection Program is designed to treat almost any surface, porous and non-porous surface. This is a proven sanitizing and long-term antimicrobial solution for:

- Office Buildings
- Restaurants
- Apartments / Condos
- Airports
- Trains, aircraft and buses
- Cars and Dealerships
- Commercial laundries
- Cruise ships
- Daycare centers
- Gyms/Sports facilities
- Stadiums / Arenas
- Hospitals and medical centers
- Veterinary clinics
- Nursing homes
- Recreational facilities
- Schools and institutions
- Churches
- And more!

The chemistry can also be incorporated into the manufacturing processes of metals and plastics for antimicrobial surface protection.