

# What is OxiArmor?

**OxiArmor** is Medinet Systems' new infection prevention and control product delivering an antimicrobial smart coating for continuous protection against bacteria, viruses, mold and fungi for a cleaner, healthier environment. We can apply OxiArmor as a transparent, long lasting coating to any surface for ongoing protection against germs.

- One application of OxiArmor provides germ protection for up to 2 years
- OxiArmor's antimicrobial effect isn't diminished by or designed to take the place of your standard cleaning processes
- OxiArmor keeps your surfaces clean in between cleanings
- OxiArmor kills bacteria, mold, fungi, and viruses that cause illnesses
- OxiArmor coating is safe to use on any surface, including electronic equipment
- The electrostatic spraying process ensures complete surface coverage
- Nontoxic and safe for humans, pets and the environment

# Applications

## HOSPITALS

- Emergency Department
- Operating rooms
- Patient rooms
- Waiting rooms
- Nurses stations
- Medical equipment
- Stretchers and carts
- Door handles and handrails



## NURSING HOMES

- Patient rooms
- Bathrooms
- Nurses Stations
- Dining rooms
- Medical equipment
- Waiting rooms
- Stretchers and carts
- Door handles and handrails

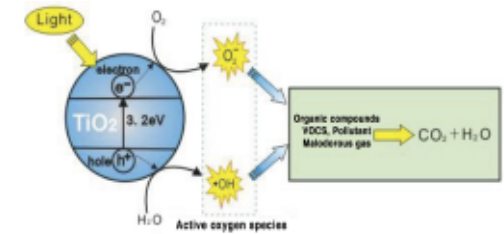
## PHYSICIAN OFFICES

- Examination rooms
- Waiting rooms
- Exam tables
- Equipment
- Door handles and handrails



# How OxiArmor Works

**OxiArmor** is an electrostatic trap for microbes and Volatile Organic Compounds (VOCs) at a molecular level, completing their destruction through photocatalytic oxidation.



- The photocatalyst is two mineral semi-conductors: zinc and titanium dioxide.
- Light and water vapor turn the titanium dioxide photocatalyst into killing agents.
- Killing agents damage critical molecular structures of the microorganism, resulting in death.

**Medinet's service technicians use an electrostatic spray treatment for application of OxiArmor to ensure surfaces are fully coated. Our state of the art electrostatic sprayers provide a negative charge to the dispensed OxiArmor droplets, giving them a force of attraction 40 times stronger than gravity.**



## FACTS:

- 1.** Medical studies show that touch-point disinfection is a major factor in reducing healthcare acquired infections.
- 2.** Hospital acquired infections are the 4th leading cause of death and cost hospitals over \$7 billion dollars last year.
- 3.** Research shows that cold and flu germs generally remain active longer on stainless steel, plastic, and similar hard surfaces than on fabric and other soft surfaces.

**TESTED:** Independent test results of OxiArmor product application show a 97% reduction in MRSA bacteria after 24 hours and a 81.6% - 98% reduction in Vancomycin Resistant Enterococcus (VRE) bacteria after 15 minutes to 24 hours.



## Protects Against

### BACTERIA

- MRSA
- C. diff
- VRE
- Acinetobacter
- Meningitis
- Staphylococcus or "Staph"
- Streptococcus or "Strep"
- E-Coli
- Pertussis (Whooping Cough)
- Salmonella



### FACT:

Between 1.6 - 3.8 million infections occur annually in long-term care.

### VIRUSES

- H1N1 "swine flu" and all other influenzas
- Hepatitis
- HIV
- SARS
- Mononucleosis
- Rhinovirus (common cold)
- Rotovirus

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Solutions by  
**MEDINET**  
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Antimicrobial Services



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