## ON-SITE DISINFECTANT GENERATION

# PROTECTX PUREGEN

## **CURRENT DISINFECTANT PROBLEMS:**

- Emerging pathogens stronger and more contagious
- Microorganisms adapting to man-made pesticides and disinfectants, and thriving
- More facility coverage needed additional product needed
- Higher costs drain budget product and labor
- Employee and customer fear and risk
- Employee health and attendance
- Rising liability/risk (self insured or expensive insurance premiums)
  Toxicity issues of product
  - Efficacy against bacteria, virus, and fungus
- Compliance current protocols lack control, track-ability and accountability of personnel and coverage
- Growing popular awareness of Environment, Health and Safety goals (ESG-corporate value/shareholder value)

## THE SOLUTION: THE PROTECTX PUREGEN SYSTEM

- A turnkey on-site generation (OSG) unit that effectively generates, **ORGANIC** and **GREEN** disinfection and cleaning solutions.
  - Hydrolyte is an N-listed, hospital-grade, very low-toxicity disinfectant (food contact safe). EPA# 92108-1 (EXCELYTE - VET)
  - Cleanlyte is an effective mild detergent, surfactant and degreaser.
- The **ProtectX PUREGEN System** uses Radio-Frequency Identification (RFID) technology to effectively track:
  - Use of the products
  - Which locations have been treated
  - Time of use
  - Applicator
  - Details of the disinfectant cycle
- Simple to operate and easy for housekeeping to accurately and efficiently clean to lower infection rates
- Environmentally friendly
  - Saves on transportation and uses less plastic
  - No toxic residue, biodegradable
- Addresses future pathogen issues



### MADE IN THE USA



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#### THE PROTECTX PUREGEN KIOSK SYSTEM

On-site generation is necessary as the financial and environmental costs of continual shipping of fresh ready-to-use product are prohibitive.

- Compact
- Simple to operate
- 110V system
- Makes 150-1000 gallons per day
- Easy to install
- Low maintenance
- Device is EPA Registered
- Manufactured in EPA Registered facility





#### PATENTED BOTTLE DATING PROCESS

Inside of each bottle label is an RFID/NFC chip, which gets encoded by the ProtectX PUREGEN System kiosk.

When fresh product is dispensed, a new date is assigned to it, which allows the user to ensure fresh fluid. Just simply tap, check, and go!

#### PROTOCOL TRACKING AND REPORTING

Users will log in on a mobile data terminal device, tap their bottles (to ensure efficacy and associate that effective bottle to their cleaning).

Then they tap the room decal – which downloads a specific protocol for that room/area they are in. In the instance a manager wants to change the protocol for that room type, they simply update it on the dashboard and the user will see the changes when they check in on the next day/cleaning schedule.



#### THE DASHBOARD MANAGERS CAN LOG IN AND CHECK:

- LOCATIONS
- BOTTLE REPORTS
- COMMENTARY
- ROOM REPORTS
- USER INFORMATION
- KIOSK INFORMATION



- TIME MANAGEMENT
- PERSONNEL TRACKING
- PATHOGEN ALERTS

## PROTECTX PUREGEN BENEFITS TO CONSIDER

- 1. Reduction in related costs associated with infection outbreak.
- 2. Increased productivity.
- 3. Saves on space necessary to store chemicals.
- 4. Eliminates procurement cost to buy, store, and control inventory.
- 5. Eliminates cost of waste plastics for recycling.
- 6. Adapts to need and demand cycles.

#### SUGGESTED PLACES FOR USE

- Healthcare
- Veterinary Facilities • Elderly Care Facilities
- Hotels
- Cruise Ships
- Universities
- School Systems
- Manufacturing Facilities
- Office Buildings
- Retail Complexes
- Stadiums and Public Arenas Movie Theaters and Amusement Parks
- Grocery Stores
- Restaurants





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