

Case Study



HGI Industries has created cutting edge ultra violet hydroxyl generating technology which has been at the forefront of high volume odor processing, air-decontamination and air-purification. HGI's patented technology is the world's only scientifically proven non-contained Hydroxyl Generator. The ODOROX® products line of non-chemical devices provides an environmentally safe solution.

Cruise Ship Industry South Florida

Problem

The cruise ship industry has portrayed itself as a travelling ocean holiday complete with a host of numerous foreign ports and on board attractions, offering such amenities as gambling casinos. Casinos allowed smoking, then banned it and found out their booking and revenues dropped significantly. Reinstating smoking to restore revenues caused fugitive odors to linger both in the casino and throughout the ship for both passengers and crew alike.



Solution

HGI, through their distributor HYGENSEA in South Florida, conducted a pilot program for the cruise line by analyzing the odors and their concentration and proceeding to install seven - MVP 14's with sensors and equipped with remote monitoring capability to prove the efficacy of the HGI technology.



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Results

By adding the Odorox systems to the existing in line HVAC system located above the ceiling in the casino, the hydroxyls were able to transform the venue quickly from a smoke filled odor area into a pleasant healthy environment where both smokers and nonsmokers could mingle without any unpleasant effects.



Long Term

The success of the Odorox technology in the casino areas has resulted in additional applications in the passenger berths, crew's quarters, kitchen prep area, restaurants and garbage handling areas. The new Architect model can be connected throughout the passenger berths and linked together for remote monitoring through a central control.

