

ORBIO® os3 SYSTEM HELPS CUBA-RUSHFORD SCHOOL DISTRICT CLEAN SAFELY, REDUCE COST TO CLEAN

ABOUT THE CUSTOMER

Located in western New York state, the Cuba-Rushford Central School District serves 822 K-12 students in three buildings. The district’s mission is to prepare students to be life-long learners who are independent, involved and conscientious citizens in a global community.

CHALLENGE

Dave Hardman, Superintendent of Buildings and Grounds for Cuba-Rushford School District, and his district strongly believe in enhancing sustainability of all their processes. Cleaning of their facilities is one of those processes that are undergoing this change. His cleaning crews have long used Tennant scrubbers equipped with chemical-free ec-H2O™ technology, so when he saw the Orbio os3 On-Site Generation (OSG) system demonstrated, he knew this was a logical next step.

A trusted Tennant partner and distributor, Pro Squared Facility Solutions was eager to show district officials how the Orbio® os3 system could help them enhance sustainability while lowering their cost to clean.

“Our goal is to provide our customers the best possible solutions in performance, economy, sustainability and simplicity,” said Ken Casseri, President and CEO of Pro Squared Facility Solutions. “The os3 system provides the Cuba-Rushford School District cleaning and disinfecting products that are simple to use and effective — and at a cost savings over their current conventional packaged chemical system.”



CUBA-RUSHFORD CENTRAL SCHOOL DISTRICT



Central School District



“WITH THE OS3 SYSTEM, WE’RE LESS LIKELY TO HAVE AN INCIDENT DUE TO EXPOSURE TO STRONG CHEMICALS, I SPEND LESS TIME ORDERING PACKAGED CLEANERS, AND I DON’T HAVE TO WORRY ABOUT RUNNING OUT OF CLEANER.”

Dave Hardman
Superintendent of Buildings and Grounds
Cuba-Rushford Central School District

CASE STUDY



SOLUTION

The os3 system provides on-site generation (OSG) of cleaning and disinfecting/sanitizing solutions that can replace multiple conventional packaged chemicals.



MultiSurface Cleaner & MultiMicro 200 sanitizing/disinfecting solution

Orbio MultiSurface Cleaner is used in spray bottles, mop buckets, automatic scrubbers, carpet extractors and interim carpet cleaning equipment. It replaces floor cleaners, glass and all-purpose cleaners, stainless steel cleaners as well as carpet cleaners. MultiMicro™ 200* disinfecting/sanitizing solution replaces one-step cleaner-disinfectants, and food-contact and non food-contact surface sanitizers in spray bottles as well as mop buckets and flat microfiber mop systems.

Hardman is a 14-year industry veteran and five days a week his 16-member crew cleans 450,000 square feet of classrooms, cafeterias and hallways. Two Orbio® os3 on-site generators have replaced the vast majority of their conventional cleaning chemicals. They do continue to purchase small amounts of project-cleaning conventional chemicals such as toilet bowl cleaner to remove hard water stains.



*MultiMicro 200 refers to MultiMicro disinfectant/sanitizer that has been diluted by the Orbio® os3 dispenser to the ready-to-use form containing 200 ppm free available chlorine.

How OSG Technology Worked

- Reduced chemical odor — especially important for asthma sufferers
- Removed old cleaning chemicals from carpet
- Decreased cardboard and plastic packaging waste in the local landfill

How OSG Was Applied

- MultiSurface Cleaner replaced floor cleaners, glass and all-purpose cleaners, stainless steel cleaners as well as carpet cleaners
- MultiMicro™ 200 disinfecting/sanitizing solution replaced one-step cleaner-disinfectants, and food-contact and non food-contact surface sanitizers

How OSG Made Financial Sense

- Less than 18-month return on investment
- Conservative annual savings estimate of \$15,000

“THE OS3 SYSTEM WORKS WELL AND I’D RECOMMEND IT TO ANYONE 100%.”

Dave Hardman

CASE STUDY



RESULTS

According to Hardman, his employees wanted the os3 system because they know what works.

"The os3 solutions have no odors so they're great for employees, students and staff who have asthma. It works so well, 30 teachers keep spray bottles with os3 solutions in their classrooms for quick clean ups."

Hardman also appreciates the os3 system's cost savings, and he doesn't worry about chemical odors or strong chemical exposure. And because it's generated on-site, there's no cardboard or plastic packaging waste that ends up in the local landfill.

"Conservatively I'm saving at least \$15,000 a year. The payback on our os3 systems is less than 18 months, and I'm planning to utilize them for at least 10 years." Hardman's crews use Orbio MultiSurface Cleaner in floor scrubbers — especially in the summer before refinishing the floors — and also to clean carpets.

"Orbio MultiSurface Cleaner works great on carpets and removes so much old cleaning chemical that the water coming out of the carpet extractor looks like dirty milk," added Hardman. "The os3 system works well and I'd recommend it to anyone 100 percent. If someone wants to talk to my cleaners about it, they can come and talk. I just add two bags of salt every other month and we're all set."

"CONSERVATIVELY I'M SAVING AT LEAST \$15,000 A YEAR. THE PAYBACK ON OUR OS3 SYSTEMS IS LESS THAN 18 MONTHS, AND I'M PLANNING TO UTILIZE THEM FOR AT LEAST 10 YEARS."

Dave Hardman



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