



Santa Fe Indian School Implements Synexis BioDefense System to Improve Indoor Air Quality Ahead of In-Person Summer Session

DHP™ technology was selected and installed by the sovereign educational community to reduce microbes in air and on surfaces throughout occupied spaces as the school reopens for the first time since March 2020

LENEXA, KS — [July 8, 2021]—Synexis® LLC, in collaboration with RoofCARE, announced the installation of more than 330 Synexis devices across the Santa Fe Indian School (SFIS) campus in Santa Fe, New Mexico, in preparation of in-person learning resuming this summer. The SFIS administration evaluated multiple technologies to improve indoor air quality before teaming up with RoofCARE to implement a school-wide microbial reduction system from Synexis that uses Dry Hydrogen Peroxide (DHP™) to continuously fight viruses, bacteria and mold in the air and on surfaces.

“As the school administration evaluated the quality of our indoor air, we considered many potential technology partners in order to find the right approach for SFIS,” said Roy M. Herrera, former Superintendent of Santa Fe Indian School. “It was not a decision we made lightly, but with Synexis’ microbial defense system, we are confident the technology provides the holistic solution we need to ensure a safer environment for our faculty and students.”

RoofCARE and Synexis created a custom plan for SFIS that included 332 Synexis devices. A total of 233 Sphere and 99 Sentry units were installed across the campus in classrooms, dorms and common areas that host students during both academic and student living activities. The microbial defense system addresses the needs and goals of the administration as they are taking extra measures to ensure a safe environment during the 2021 summer session and SFIS welcomes faculty and summer school students in grades 7 to 12 back to campus for the first time since March 2020.

“The collaborative approach between Synexis, SFIS and RoofCARE brings Synexis’ market-leading microbial reduction system to SFIS’s campus, leveraging innovative DHP™ technology to continuously reduce pathogens, mold and odors,” said Eric Schlote, Synexis Chief Executive Officer. “Synexis was invented with occupied spaces in mind, like SFIS, to improve indoor air quality in a safe, effective way without any disruption, so students and faculty can focus on what really matters — education.”

For more information, visit [Synexis.com](https://www.synexis.com).

Synexis® is not intended to replace standard cleaning protocols nor to be utilized as a substitute for the use of PPE as recommended in guidance set by local and state governments as part of their SARs-CoV-2 response.

About Santa Fe Indian School

The Santa Fe Indian School (SFIS) is a sovereign educational community that builds upon its rich cultural legacy to be the leader in Native American education. At its core, the mission of SFIS is to foster Ideal Graduates, who are responsible, productive members of their tribal nations and the global community. Our top-notch faculty, staff, and state-of-the-art facilities are the foundation for the vibrant and dynamic programming that we provide our students.

Since its inception in 1890, SFIS has served Native American students throughout New Mexico. Since 1977, the school has been owned and operated by the 19 Pueblo Governors of New Mexico, who have overseen our comprehensive approach to programming and services. This approach combined with our high academic, social, and behavioral expectations continues to result in positive outcomes for students at SFIS, who are achieving more than ever under the highest academic standards in the school's distinguished history. For more information, visit sfis.k12.nm.us

About RoofCARE

Founded in Albuquerque in 2008, RoofCARE is a full-service commercial roofing contractor that focuses on cost-efficient and sustainable solutions and avoiding premature roof replacement. They help their customers manage their roofing assets more effectively through maintenance, repair and renovation services. For more information, visit roofcare.us.

About Synexis

Founded in 2008, Synexis® LLC is a leader in microbial reduction and the sole developer of patented technology that creates and continuously disperses DHP™ (Dry Hydrogen Peroxide) to help reduce the presence of microbial contaminants in occupied spaces around the clock, without the need for occupants to leave the space.¹

Synexis BioDefense systems are categorized by the U.S. Environmental Protection Agency (EPA) and state governments as pesticidal devices. Synexis products are produced in an EPA-registered facility and packaged and labeled in accordance with EPA regulations appearing at 40 CFR 152.500. The Synexis system is Underwriter Laboratories (UL) Certified to produce no ozone and works continuously without disruptions in normal operations or workflow.² Synexis currently holds 16 patents with 16 pending.¹ In addition, Synexis DHP™ technology is supported by data from five peer-reviewed studies.^{3,4,5,6,7}

For more information, visit [Synexis.com](https://synexis.com).

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¹ Synexis <https://synexis.com/patents>. Accessed April 12, 2021.

² UL Certification numbers: Blade UL E482400, Sentry UL E495096 and Sphere UL 2998.

³ Infection Specialists and Pharmacists Share Responsibility for Ensuring Patient Safety; *Pharmacy Times*. Published November 23, 2020.

⁴ Melgar, M., et al. Effectiveness of dry hydrogen peroxide on reducing environmental microbial bioburden risk in a pediatric oncology intensive care unit. *AJIC* (2020). <https://doi.org/10.1016/j.ajic.2020.08.026>.

⁵ Melo, E.F. & McElreath, J.S. & Wilson, J.L. & Lara, Leonardo & Cox, N.A. & Jordan, Brian. (2020). Effects of a dry hydrogen peroxide disinfection system used in an egg cooler on hatchability and chick quality. *Poultry Science*. Vol. 99, Nov. 2020. <https://doi.org/10.1016/j.psj.2020.05.050>.

⁶ Sanguinet, J., & Lee, C. An effective and automated approach for reducing infection risk from contaminated privacy curtains. *AJIC* (2021). [https://www.ajicjournal.org/article/S0196-6553\(21\)00402-8/fulltext](https://www.ajicjournal.org/article/S0196-6553(21)00402-8/fulltext).

⁷ Herman CK, Hess J, Cerra C. Dilute Hydrogen Peroxide Technology for Reduction of Microbial Colonization in the Hospital Setting. *AJIC*. 2015;43(6S):S25-S26. doi: 10.1016/j.ajic.2015.04.064.