



CASE STUDY

Related Ross deploys Visium at Esperanté Corporate Center and throughout its West Palm Beach redevelopment

Visium Far-UVC delivers continuous air and surface sanitization across shared spaces, establishing a defining feature of modern workplaces.

OVERVIEW

Related Ross is the leading real estate developer in West Palm Beach, focused on redefining urban environments. The firm is driving a multi-billion dollar transformation of the city into a premier destination for business, talent, and innovation, emerging as a center for finance, technology, and commerce across the region.

Office buildings such as Esperanté Corporate Center play a critical role in that vision, supporting environments where people spend the majority of their day. These facilities place a strong emphasis on health and well-being through smart, sustainable building solutions.

As a hub for leading companies and high-performance teams, Related Ross sought to strengthen indoor environmental conditions at Esperanté. By implementing Visium Far-UVC, the building introduced a continuous, built-in approach to inactivating pathogens in the air and on surfaces, supporting a cleaner and more resilient workplace environment.





THE CHALLENGE

Traditional cleaning methods leave gaps between scheduled cleaning cycles, allowing microbes to accumulate on high-touch surfaces. High-traffic communal areas can contribute to the spread of airborne and surface contaminants throughout the space. With the addition of Far-UVC, pathogens in the air and on surfaces are continuously inactivated, supporting a cleaner and more consistent indoor environment for tenants, staff and visitors.

OUR SOLUTION

Visium Far-UVC Fixtures

Twenty Visium devices were installed across reception, main lobby, elevator lobby, conference rooms and gym space. Far-UVC continuously inactivates bioaerosols and surface bioburden, covering 4,259 sqft of space.

Devices were recessed into the ceiling so the Visium fixtures blend seamlessly into the space, delivering continuous sanitization very little light and no audible sound.



KEY FEATURES



Continuous air and surface sanitization in occupied spaces



Passive, silent and highly effective with zero disruption to the workplace



IoT-enabled for remote controls and monitoring via an online dashboard



Third-Party Test Results

Surface sampling and air samples were taken of high-traffic surfaces in reception, main lobby, and elevator lobby to investigate changes in bioburden before and after Visium use. Samples were collected same day from the same locations while staff and occupants actively used the rooms.

Six locations within the lobby area had their surfaces swabbed for comparison and quantification by an independent test lab, US Micro Solutions. Air was collected in triplicate.

Visium devices were off prior to sampling. Baseline samples were taken and then the Visium devices turned on while the lobby and elevators were actively used. Sampling was repeated five hours later.

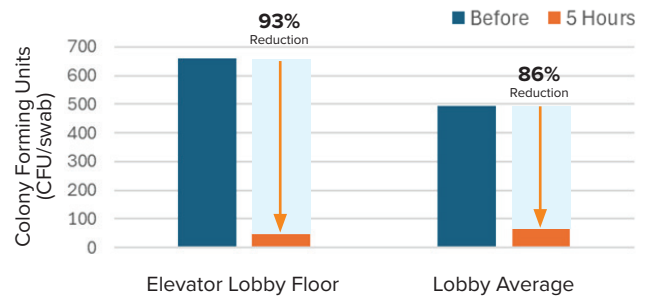
Results showed that Visium reduced the bacterial abundance on high-traffic surfaces and kept them up to 93% lower than without Far-UVC.

On average, the Main Lobby had 86% less bioburden in just 5 hours of Visium use. Air samples demonstrated a 60.5% reduction of airborne bacteria with Visium use.

Taken together, collected data demonstrated that Visium use lowers bioburden on air and on surfaces of active use rooms.

Change in Surface Bacteria Counts With Visium Use

Esperanté Corporate Center Lobby



Outcome

Visium seamlessly integrated into the Esperanté Corporate Center, providing continuous sanitization of surfaces and air, verified by biological sampling.

- ✓ Surface samples collected from the facility were independently analyzed and demonstrated bacterial reduction with consistent Visium use
- ✓ Up to 93% reduction of colony forming units (CFUs) on surfaces, even with active use of the Main Lobby
- ✓ A 60.5% reduction of colony forming units (CFUs) in the air
- ✓ Continuous Visium use created a new, lower bioburden level on surfaces compared to pre-Visium levels
- ✓ Visium reduces the amount of bioburden in the air and on surfaces, reducing risk to occupants



“At Esperanté Corporate Center and across our portfolio in West Palm Beach, we’re delivering a cleaner environment through Visium Far-UVC technology that works in the background without impacting the day-to-day experience. As part of our broader transformation of West Palm Beach, we’re expanding Visium across our buildings, where it becomes a meaningful point of differentiation. It’s quickly evolving into a standard amenity for the spaces where people work every day.”

Jordan Rathlev
Executive Vice President
Related Ross

Conclusion

Related Ross is developing the buildings of the future, with a focus on indoor environments that support health, well-being, and performance without compromising a high-end tenant experience. As part of its broader transformation of West Palm Beach, the firm continues to prioritize solutions that elevate how buildings function in everyday use.

Visium Far-UVC meets that standard by delivering continuous, background air and surface sanitization without disrupting day-to-day operations. As Related Ross expands these installations across its portfolio, Visium is becoming a key differentiator in attracting and retaining high-value tenants.

Contact & Next Steps

Ready to learn how Visium can transform your spaces?
Find information about Visium and its applications at [Visium.one](https://visium.one).