

CASE STUDY

Mysupplier Creates a Safe Ice Rink

and Boosts Customer Confidence
with Piera Systems' Technologies



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As the world emerges from a pandemic, there are still many lingering worries about how to live, work, and play safely in a post-pandemic world. What we took for granted before the pandemic—a routine commute to work in the morning and taking kids to the ice rink in the evening—have become exercises in interpreting byzantine scientific theories or, more likely, leaps of faith that it'll all be okay.

Providing customers and employees the confidence that your space is clean and safe for them to come back to continues to be an existential imperative for buildings and facilities owners around the world.



Background

Mysupplier has been providing transformative technology solutions to create smart, sustainable, and safe buildings for years but lately its customer conversations have predictably been centered around health and safety with an emphasis on air quality.

While lighting, space utilization, asset tracking, and employee experience have always been our key areas of expertise the pandemic underscored the vital need for monitoring, purifying, and communicating the state of air quality in our customers' buildings and spaces.

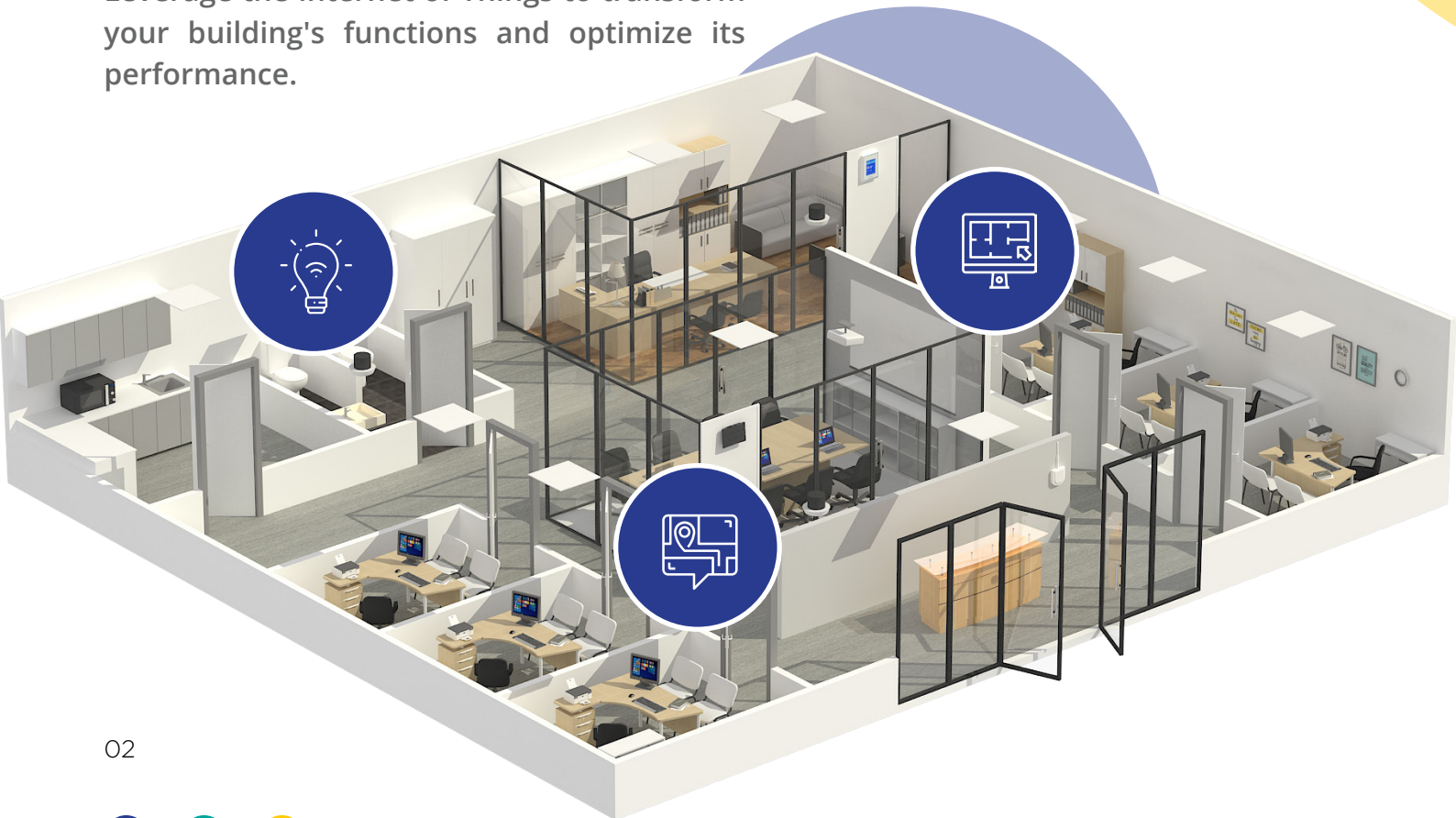
Key Facts About Mysupplier

Mysupplier is a global technology enterprise that creates smart, sustainable, and safe buildings.

Total value of projects	\$46.2M
Total number of projects	638
Total number of locations	83
Savings by energy	62%
Savings by CO2	62.2M CO2e
Savings by value	32%

Smart Buildings

Leverage the Internet of Things to transform your building's functions and optimize its performance.



The Challenge

When our client, a premium state-of-the-art ice rink in Atlanta, approached us about a new challenge they were facing with patrons apprehensive to get back to skating, it was clear that new solutions were needed to assure employees and customers of their health and safety.

As we set about to solve this, several key questions emerged:

- How do we know the air is safe?
- How do we keep it clean and do so cost-effectively?
- How do we give customers 'peace of mind' when they return?

As a long-time innovator and integrator of cutting-edge technologies, we set about to answer these questions with a fierce urgency as the economy continues to open back up, increasing pressure on businesses to guarantee healthy spaces.



The Solution

We decided to integrate the Canaree Air Quality Monitors from Piera Systems into our existing smart-spaces solution for the ice rink. Canaree offered us an easy-to-use and readily deployable air quality monitoring solution that was seamless to integrate into our existing solution. More importantly, Canaree AQMs, powered by Piera Systems' patented technology, can accurately monitor across the entire particulate range (PM0.1 to PM10) with high sensitivity and responsiveness. This is critical as many viruses and bacteria, including COVID-19, are in the sub-micron range, so boosting customer confidence has to start with accurately monitoring the air.

Air purification in this ice rink was done using G-UV (germicidal ultraviolet) lamps we deployed, which are highly effective at getting rid of harmful particles and viruses from the air. Armed with accurate data about the true air quality across the ice rink, including key spots like the reception area and locker rooms where humans tend to congregate, we now had much better insight into the environmental conditions in different areas. This helped us deploy G-UV lamps in the right locations.



While the G-UV lamps were used to be operated periodically, now there was a much more energy-efficient and cost-effective way—run the lamps when low air quality is indicated and stop when the air is clean. Simple!

To boost customer and employee confidence, we integrated cloud-based air quality data service into our existing dashboards in high-visibility areas, so everyone can breathe with confidence.

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Accurately monitoring air quality in places where we live, work, and play has quickly emerged as one of the highest priorities for buildings and facilities owners in a post-pandemic world.

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Vin Ratford, CEO of Piera Systems

Health & Safety

Ensuring the safety of your infrastructure and the workforce is the smartest way to ensure the future of your business.



The Results

We expanded the installation of the air quality monitors to blanket the ice rink facility and delivered comprehensive air quality monitoring and purification. This helped us deliver to our customer a marketable and differentiated outcome that reinforced the ice rink's reputation as a premier facility in the area, and it strengthened our relationship as a strategic technology solutions provider. Mysupplier is now expanding this ground-breaking air quality technology for its other clients because the need for clean air is everywhere.

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Air quality monitoring and mitigation is now a critical part of our technology services to further our mission of creating smart, sustainable, and safe buildings. Without clean air, not much else matters.


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Taresh Grover, Director of Engineering

mysupplier



 5935 Shiloh Rd. East, Suite 400 Alpharetta, GA 30005, United States

 +1 (404) 480-4338  info@mysupplier.com  www.mysupplier.com