

CASE STUDY

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# 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 their 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 key areas for Mysupplier, the pandemic underscored the vital need for monitoring, purifying, and communicating the state of air quality in their customers' buildings and spaces.



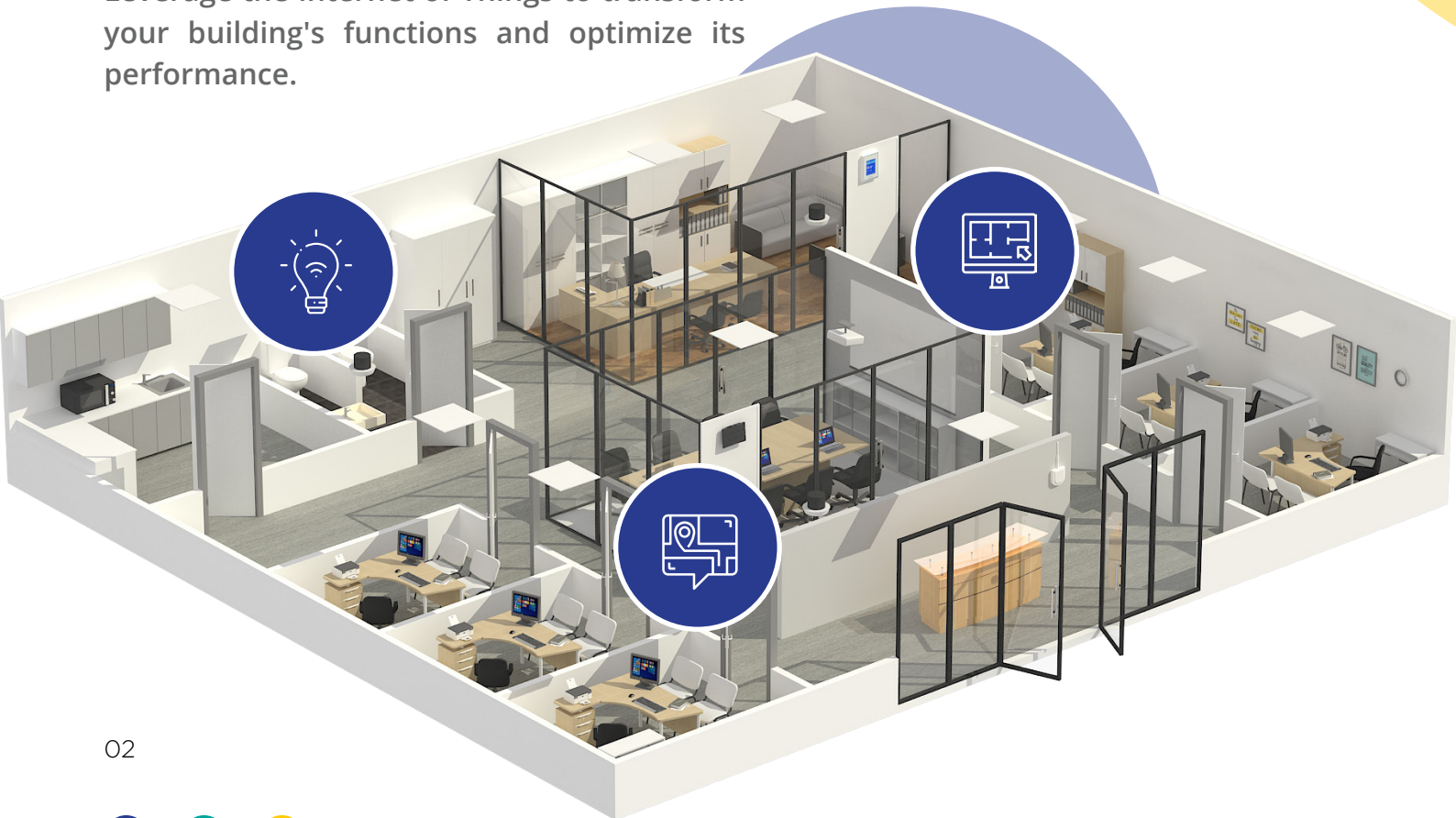
# Key Facts About Mysupplier

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

**As they 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, Mysupplier 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

Mysupplier decided to integrate the Canaree Air Quality Monitors from Piera Systems into their existing smart-spaces solution for the ice rink. Canaree offered them an easy-to-use and readily deployable air quality monitoring solution that was easy to integrate into their existing solution. More importantly, Canaree AQMs, powered by Piera Systems' patented technology, are the only low-cost monitors that 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 that Mysupplier deployed which are highly effective at getting rid of harmful particles and viruses from the air but can be expensive to run. 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, Mysupplier now had much better insight into the environmental conditions in different areas which helped them deploy G-UV lamps into the right locations.



While they previously ran the G-UV lamps on a periodic basis and hoped that the air was clean, now there was a much more energy-efficient and cost-effective way—just run the lamps when the Canarees indicate bad air quality and stop when the air is clean. Simple!

To boost customer and employee confidence, mysupplier integrated Piera Systems' cloud-based air quality data service into their 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

Mysupplier is now expanding the installation of the Canaree air quality monitors to blanket the ice rink facility and provide comprehensive air quality monitoring and purification. This helps them deliver to their customer a marketable and differentiated outcome that reinforces the ice rink's reputation as a premier facility in the area, and it strengthens Mysupplier's relationship with their customer as a strategy technology solutions provider. Mysupplier is now expanding this ground-breaking air quality technology for their 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**



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