



AIRPORTS & TERMINALS

# Now arriving: Cost savings & occupant safety

EverSmart data solutions from Microshare creates data on interior spaces and building performance where none existed before

COVID-19 has changed our comfort level with large, densely packed public places forever. As the pandemic abates, it leaves those responsible for public spaces and the people within them with new demands, challenges and regulatory requirements. With safety and responsiveness at the fore, cost savings and sustainability are always in the mix.

Our EverSmart line of Smart Facilities solutions will cut 14-to-40% from OpEx while reassuring guests who transit your terminals as well as the staff that maintains them.

# Addressing the 'New-Normal'



## The challenge

Emerging from a period of reduced revenue, capital investments need to pay for themselves quickly. Technology improves user experience, increases the wellbeing occupants and lowers operating costs and reduces risks.



## The solution

EverSmart data solutions enhance safety, sanitation and responsiveness, protecting staff, customers and your reputation. Deployed within days, EverSmart automates processes to save time and money, mitigates risks and provides key data for management decisions.



## The outcomes

EverSmart solutions lower operating costs by 14%-to-40% while delivering outcomes like wellness & satisfaction, data-driven cleaning, ESG metrics, room occupancy, staff response data, smart smoke detection & more.

In most cases, EverSmart will pay for itself within a year.

## Data that puts visitors and staff at ease with optimal performance



# Data that Optimizes

The fate of cities, the destiny of corporations and growth of national economies all depend on getting the 'new normal' right. Here's how EverSmart data solutions address the new demands & risks of post-pandemic public spaces.



Occupancy & Activity Monitoring: Anonymized sensor data indicates levels of activity and duration of occupancy. Density levels, seating patterns and more available in real time and in historic patterns, enabling smarter approaches to security, safety, concessions and cleaning.

Electricity Monitoring: With immediate savings of up to 30% on electricity costs, this easy to deploy solution also identifies anomalies in power supply and the operation of valuable physical plant, potentially preventing breakdown, waste and even fire.

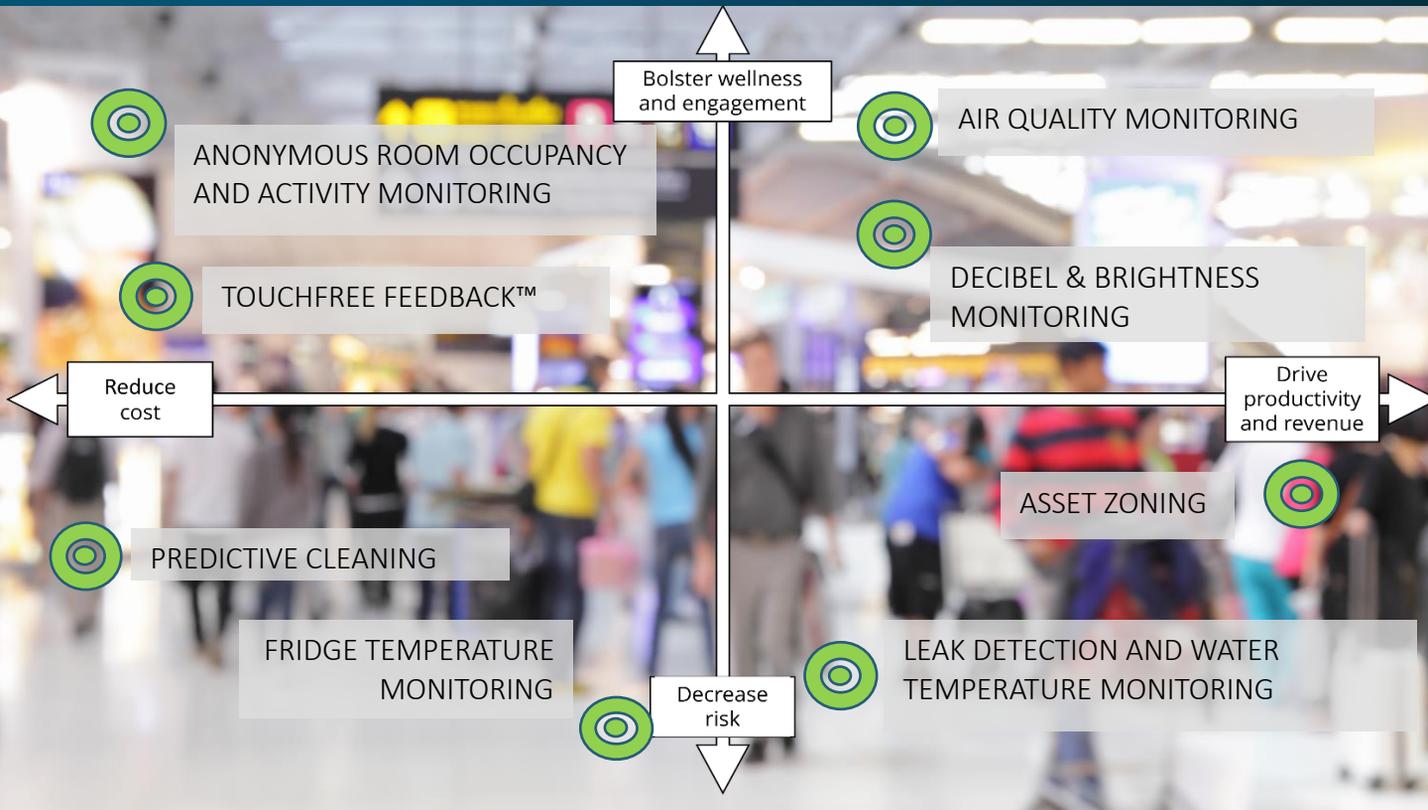
Predictive Cleaning: Heat, clean and service rooms when they need it, according to utilization, not on a constant, wasteful basis. Occupancy data opens the way to efficiencies.

Asset Zoning & Stop-Loss: Track expensive mobile equipment – golf carts, hand trucks, cleaning equipment and power tools. Get alerts if they leave the property and increase staff productivity as the hunt for missing equipment is no longer necessary.

Preventative Maintenance: Fridge Temperature Monitoring to prevent food spoilage, Leak detection saves water waste and flood damage, Water Temperature Monitoring wards off Legionella. Manage risk intelligently and proactively with empirical, EverSmart data.

TouchFree Feedback™: From the condition of restrooms to quick alerts about leaks, supply problems or noise complaints, QR code driven solutions record & streamline response times and provide guest satisfaction. Deployed properly, this can mitigate some of the worst challenges of large venues.

# Return on Investment



**Touch Free Feedback™** – Helps avoid unplanned expenses; lowers maintenance pf<sup>2</sup> by 12%.<sup>1</sup>

**Indoor Air Quality Monitoring** – Productivity gains 10-30% per worker as CO<sup>2</sup> / humidity optimized.<sup>2</sup>

**Occupancy/Activity Counting** – Alerts on utilization; vital data for guest services and safety; up to 37% annual savings on energy in unoccupied spaces.<sup>3</sup>

**Predictive Cleaning** – Increase 14% - 30% in cleaning staff productivity. Provides visible responsiveness and lowers absentee rate by slowing down infection.<sup>4</sup>

**Fridge Temperature Monitoring** – Prevent losses and mitigate deeper liability concerns about spoilage and food quality.

**Leak Detection/Water Temp** – 6% - 14% reduction in routine water use; mitigates risk of major expenses.<sup>5</sup>

EverSmart  
solutions can cut  
up to 40% of  
typical hotel  
operating costs

<sup>1</sup> BOMA study

<sup>2</sup> US Dept Environmental Health

<sup>3</sup> MIT Study

<sup>4</sup> US Bureau of Labor Statistics

<sup>5</sup> Virginia Tech study

<sup>5</sup> Full references and studies available by request.

## Safety & Wellness

Occupants seek safety and reassurance. In a study for Bradley Industries, over 89% of workers reported that the physical environment in which they work is directly correlated with the value they believe their employer places on them.

EverSmart solutions deliver the data that underpins this kind of reassurance, boosting retention rates, productivity and employee morale.

*Staff who feel good about their jobs are inspired to serve others. Taking care of your workers, in other words, is part of taking care of business.*



A survey over over 4,000 workers in the US, UK, UAE and Singapore found:

- **71%** of workers believe more workplace technology would help them better manage their physical health and well-being
- **61%** believe workplace technology could help them better manage their mental health
- **80%** would like their employer to use anonymized health and environmental data to improve safety, health and wellness

— *Is Technology Keeping Workers Healthy or Making them Ill? Aetna Intl, June 2020*

Learn more about our Sensing Network solutions for airports & terminals, contact [Sales@Microshare.io](mailto:Sales@Microshare.io)