



UNIVERSITIES AND CAMPUSES

Smart campus defined: Lessons for Academia

Data-driven insights transform your campus and make university spaces safer, greener and more cost-effective

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Campus Management 101: Understand traffic flow and occupancy patterns in your buildings

Microshare's EverSmart suite of Smart Building solutions open new horizons in managing a large university campus. Data to right size portfolios, room usage and carbon footprint.



EverSmart solutions create data that never existed before to afford a complete view into building usage, risks, customer satisfaction and the true utility of your campus real estate. This also drives cost savings by mapping what space is used when, allowing for on demand assignment of resources, calibration of energy and water use and the creation valuable metrics for your ESG and sustainability initiatives.



EverSmart Space monitors occupancy, activity, feedback and indoor foot traffic. Know the true value of your real estate assets and help right-size your campus, lower energy spend and reduce carbon footprint.



EverSmart Clean provides a detailed understanding of the true cleaning requirements of your real estate portfolio. Facilities Managers can allocate resources based on need, reducing labor costs and providing an 'on-demand' model that boosts for satisfaction.



EverSmart Washroom boosts customer satisfaction with detailed feedback that helps identify leaks, clogs and supply shortages before they become acute problems.



EverSmart Alert provides a range of SMS and email warnings to prevent flooding, water and energy waste, infestations and unauthorized human activity in any space.



EverSmart Air monitors indoor air quality and correlates it with occupancy and other data to provide an accurate, timely and predictive view of the health of indoor spaces.



Occupancy monitoring in action

EverSmart Space creates new visibility into how your building – and the people in it – are faring

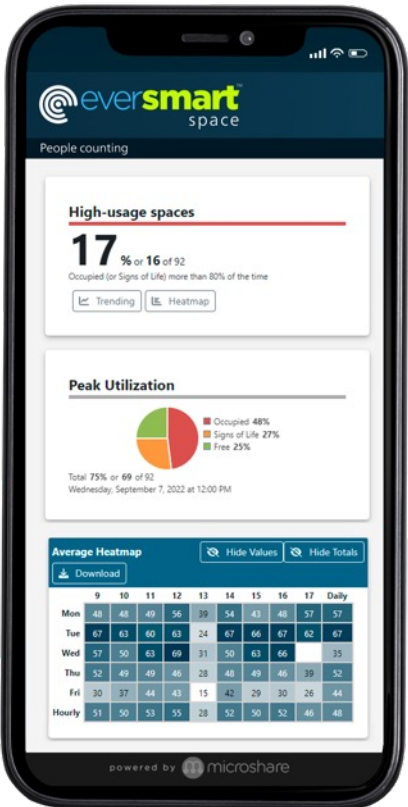
EverSmart Space's **occupancy monitoring** solutions identify usage and density all around your campus 24/7 in real time.

From the data derived, **estates teams, space designers and facilities managers** can:

- identify actual usage of rooms, research spaces and other areas to help better design campuses
- assist timetable planning teams with more efficient planning based on space usage
- adjust heating and cooling systems to sync with demand
- schedule cleaning and maintenance according to need rather than rote schedules
- study historical usage patterns to “right-size” real estate footprints
- see in real time the impact of changes, reconfigurations and new additions on energy, wellness and other metrics
- collect data on the ESG aspects of a campus



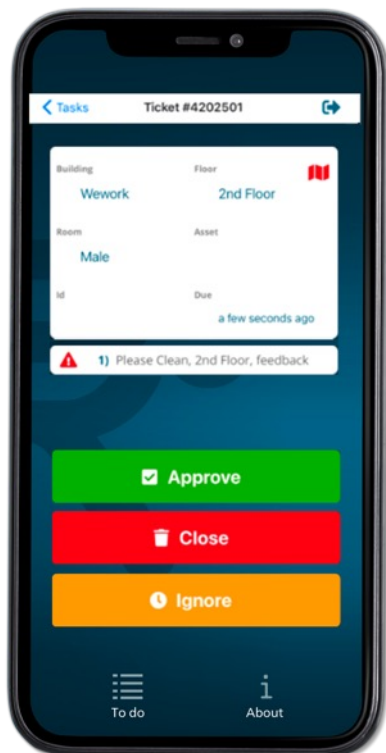
Getting the most out of your spaces



Make more informed scheduling and timetabling decisions

Historical data from EverSmart Space allows for a deeper understanding of daily, weekly and seasonal patterns of occupancy for classrooms, labs, lecture halls and other spaces. This reveals the real value of any given space and allows you to optimize its utilization. It also enables a cost-saving plan for energy use in those spaces during off-peak hours and a seasonal view of usage and traffic.

Labor savings and productivity gains



With budgets constrained and demand for new and revitalized cleaning services exploding, applying data to the challenge can be a game changer.

Once upon a time, cleaning crews were meant to be neither seen nor heard.

Today, students, staff and visitors want to see cleaning underway all day long, and they want it to track need, not trapse along a blind territorial pattern.

This calls for converting to a data-driven, predictive and on-demand model of cleaning.



Data-driven cleaning



EverSmart Clean: Microshare's predictive cleaning solution

- Send cleaners to where they're needed
- Demonstrate commitment to hygiene and safety
- Show space usage hour by hour
- Log cleaning crew attendance
- Feedback stations enable instant reports from users to improve service and measure satisfaction

Facilities and site managers can allocate resources based on need – improving performance and reducing cost. Managers of outsourced cleaning contractors can track their performance in a granular way, with data that shows definitively response times, usage patterns and customer satisfaction. Our robust dashboards, scoring and alerts drive productivity gains of up to 48% per cleaner and shed a new, predictive light on the cleanliness of your buildings.

Protect your staff, students and reputation from avoidable problems



A clean washroom can make all the difference in the world.

EverSmart Washroom helps identify leaks, clogs and supply shortages before they become acute problems. With our solution, you receive near real-time information and insights on your washrooms to help improve safety and efficiency and keep students and other users healthy and satisfied.

“We have several Microshare solutions, including for washrooms, in our buildings in France and we are very happy with them. CBRE has proven the concept fully and we’re looking forward to expanding to more deployments.”

*Jacques Guigui,
Chief Technology
and Innovation
Officer, CBRE
France, July 2022*



View the [EverSmart Washroom video](#) solution on Microshare’s website

A+ risk and prevention metrics

EverSmart Alert provides timely warnings for out-of-pattern performance, from water leaks to temperature spikes to rodent infestations and unauthorized entry or occupancy.

Deliver the right alert to exactly the right parties to ensure prompt responses that can mitigate costly damage or create dangerous conditions for students, faculty and staff.



- **Leak Detection** can prevent flooding and damage that can shut down parts of campus and cost millions to remediate.
- **Smart Rodent Control** warns you when traffic in pest traps spikes, allowing a response that can prevent a costly infestation.
- **Temperature and Humidity Monitoring** will warn when HVAC malfunction affects comfort and health levels in your spaces.
- **Fridge Temperature Monitoring** alerts you when temperatures move to levels that can cause spoilage or even dangerous health liabilities.
- **Open/Shut Monitors** provide a 24/7 view of whether your windows and doors are presenting unwanted security risks.



The air that they breathe



The environmental health of indoor spaces must be managed properly to avoid airborne illness and maintain optimal cognitive function.

EverSmart Air actively manages air quality, temperature, humidity and CO₂ and can help you avoid serious problems that can lead to illness, absenteeism and even legal action.

In academic settings, this can lead to attrition and poor performance that poses a risk to your institution's reputation

“The health, safety and privacy of our students and staff is paramount. The EverSmart network has allowed us to expand our Smart Building technology sensor ranges to include condition-based monitoring and indoor air quality sensors.”

*- Assistant Director of Estates,
leading European university*



Understanding the dynamics of the buildings, estates and campuses you manage for has never been easier. EverSmart solutions are a better way of measuring how real estate assets are used, occupied and maintained, allowing for advanced campus design, real-estate right-sizing, carbon and water use reductions and more efficient timetabling.

Microshare's data solutions provide visibility into the operations of critical systems, the environmental performance of your interior spaces and the wellness of the people within.

Contact us today and take your first step on the path toward a safer, more efficient and sustainable campus.



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