

Abakus Analytics for Educational Facilities

Better understand your staff & students to enhance the spaces they work in.

Optimise your buildings to provide an exceptional environment and safer on-campus experience for students, staff and visitors.

Abakus Analytics world leading people counting solutions provides transparency into useful building usage data such as peak traffic hours, space density and frequently-visited areas ensuring your educational facilities are second to none. Your team will be empowered with the tools and insight to optimise space utilisation, efficiency, comfort and productivity based on real demand-based data.



Environment Management

Determine which spaces require more heating, cooling, fresh air or lighting to create a more comfortable and productive learning environment by combining occupancy data with the buildings BMS & EMS.



Student/Staff Productivity

Ensure optimal airflow for spaces to maximise comfort levels. An optimised indoor environment is proven to result in greater productivity output from both staff members and students.



Real Time Alerts

Respond to live situations on the fly with 99% accurate data provided in real-time for instant notifications of a security breach and safety concerns.



Bespoke Reporting

Reports and data analytics are personalised to your content requirements to meet each individual need and provide valuable people counting data that improve unique building operations.

Improve space utilisation

Say goodbye to misused spaces. Keep track of the amount of students using each of your facilities to strategically allocate classes and lectures for effective utilisation of limited space. By understanding how many students actually attend any set lecture or class, the right spaces can be allocated to each lecturer to accommodate that specific number of students. Based on this data, lecture rooms can be allocated accordingly to the group size, ensuring that you can make the most out of each space.

Maximise infrastructure

Our people counting software tracks area density, this creates data which shows the most used and valuable spaces across campuses. To maintain a positive experience for students, use people counting data to improve infrastructure offerings by providing more resources, such as study desks and meeting rooms within those areas of high volume usage.

Our Solution Suite



PEOPLE
COUNTING



BICYCLE
COUNTING



OCCUPANCY
MANAGEMENT



ENVIRONMENTAL
QUALITY



SPACE
UTILISATION



STUDENT
FLOW



CLEANING
SCHEDULES

Enhance energy efficiency

We identify where space is being used to its full potential and its lowest performance. This allows for the BMS to allocate energy to spaces with higher occupancy density, rather than air-conditioning and light activated on unused floors, density data obtained can provide insight on which floors to reduce and redirect power. Identify and utilise patterns in energy use to reveal opportunities for energy cost savings.

Manage events

Use people counting to gauge the success or value of an event to have a better idea of the forms of entertainment that will provide the most return on investment. With a broader understanding of the intricacies of your event and your team can analyse all the variables to optimise all your upcoming and future events, while also ensuring the safety and satisfaction of all attendees.

Maintain hygiene standards

We provide data on the toilet facilities usage and alert when they should be cleaned. With our utilisation alerts, facility managers can ensure optimal cleaning schedules by utilisation and not by a time schedule.

Optimise budget allocation

People counting provides the insight into which campus buildings or spaces receive the most traffic. Instead of making estimations, you can make strategic decisions on where to concentrate funding.

We'll work to identify the unique needs of your facilities and provide essential analytical data that help improve your spaces alongside ongoing support to ensure your targets are met.

We make people counting smarter, not harder.

Contact us to start optimising your educational facilities today.

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