

Improve the education experience with smart buildings

When learning spaces are
energy-efficient, safe and
well-run, students and
staff can thrive

How? Smart buildings are the answer

Sustainability is on the syllabus

Meet the goal set by 168 UK institutions to be carbon-neutral by 2050¹ and attract eco-conscious students with energy-efficient smart building technologies.

- Millennials and Generation Z are making financial decisions² based on sustainability considerations.
- Three-quarters³ of millennials are eco-conscious.
- School and university buildings account for 36%⁴ of total UK public sector building emissions.



Providing an environment conducive to learning

Create a safe and comfortable environment for your students and staff thanks to smart sensors.

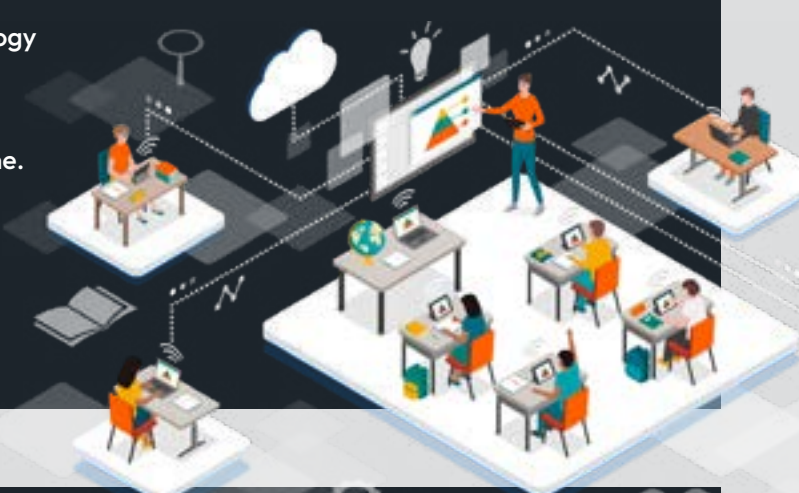
- The University of West London⁵ claims indoor air quality is dependent upon temperature, humidity and carbon dioxide concentrations, with the temperature and carbon dioxide levels in classrooms being consistently higher than government guidance.
- Building temperature influences productivity, with students perceiving themselves as more productive when they feel cooler⁶.
- The Department for Education set the total maintenance backlog value at £11.4bn⁷.



Smart buildings support better education delivery

Attract and retain the best staff by using smart technology insights to increase operational efficiency.

- 40%⁸ of higher and further education staff say they rarely or never have enough time to get their jobs done.
- Turnover costs education institutions 50 to 250%⁹ of the individual employee's annual salary.
- 71%¹⁰ of teaching staff surveyed agree that the use of digital technology in teaching is convenient to them.



Improve your buildings with Wavenet and Cisco

Improve your efficiency, productivity and sustainability, creating an environment capable of meeting student sustainability expectations while increasing the performance of your institution.

Get immediate access to:



Enhanced energy
efficiency



Robust security systems



Improved resource and
space utility



Data-driven decision
making



Improved air quality



Predictive maintenance



Support sustainability
initiatives



Lower operational costs

Sustainability is on the syllabus

Transform your institution into smart buildings by:

1. Attending our event
2. Speaking to our team

Visit our [website](#) to and explore our solution in depth to find out more.



1. <https://www.hepi.ac.uk/2024/06/21/decarbonising-higher-education-the-investment-challenge/>
2. <https://phys.org/news/2021-03-millennials-sustainability-orientated-even-money.html>
3. <https://www.nasdaq.com/articles/how-millennials-and-gen-z-are-driving-growth-behind-esg>
4. <https://www.gov.uk/government/publications/sustainability-and-climate-change-strategy/9317e6ed-6c80-4eb9-be6d-3fcb1f232f3a>
5. <https://repository.uwl.ac.uk/id/eprint/9089/1/4042-20069-1-PB.pdf>
6. https://www.researchgate.net/publication/367006087_A_Comparison_of_Students'_Thermal_Comfort_and_Perceived_Learning_Performance_between_Two_Types_of_University_Halls_Architecture_Design_Studios_and_Ordinary_Lecture_Rooms_during_the_Heating_Season
7. <https://www.curshaw.com/company-insights/the-uk-public-estate-maintenance-backlog>
8. <https://www.tandfonline.com/doi/full/10.1080/13603108.2024.2392165>
9. <https://www.tandfonline.com/doi/full/10.1080/13603108.2024.2392165>
10. <https://digitalinsights.jisc.ac.uk/news/levels-of-university-staff-feeling-supported-to-teach-online-shows-little-improvement-since-the-pandemic/>

Wavenet, a Cisco partner

Wavenet is a Cisco Gold Certified Partner, providing Cisco solutions with advanced specialisations, including Advanced Security and Advanced Networking. We have a long history of delivering connectivity solutions with support from a team of skilled engineers across the UK.



Contact our team today to find out more:

Let's talk **0344 863 3000**