

# Learning *Without* Limits

Creating Seamless, Inclusive and Data-Driven  
Experiences Across the Campus.





# AV in Higher Education, Meeting the Demands of a New Era.

Since 2020, higher education has undergone rapid transformation. Before the COVID-19 pandemic, most teaching took place in physical classrooms with minimal digital integration, and AV systems were often disjointed and room-specific. The pandemic forced institutions to pivot quickly, driving significant investments in hybrid learning, lecture capture, and digital collaboration tools. This shift exposed the limitations of legacy AV infrastructure and accelerated the need for flexible, scalable, and centrally managed systems. Today, hybrid

learning, blended delivery, and digitally enhanced teaching are no longer trends—they're the new standard. To deliver high-quality, consistent experiences for both in-person and remote learners, AV systems must be intuitive, adaptable, and centrally managed. Institutions also need the ability to collect data that reveals which technologies and spaces have the most significant impact on learning outcomes.



## Modern AV is a strategic enabler of this transformation. Universities are now focused on:

- Standardising AV across campuses
- Seamlessly integrating platforms like Microsoft Teams and Zoom
- Supporting hybrid teaching models
- Making data-informed decisions for space planning





## Delivering Smarter Spaces.

Ascentae is a UK-based value-added solutions provider, dedicated to delivering innovative smart technology solutions tailored to the evolving needs of higher education. We collaborate closely with universities to understand their challenges and provide integrated, forward-thinking solutions that enhance hybrid learning, collaboration, and space utilisation.

By partnering with globally recognised brands like Nureva, GoBright, and Huddly, we combine cutting-edge technology with expert consultancy, empowering institutions to create smarter, more connected campuses that are ready for the future.



## What Makes Ascentae Different?

### Innovative, Proven Solutions

We offer curated technologies that directly address the unique demands of higher education environments.

### Consultative and Brand-Agnostic

While we represent top-tier vendors, our advice is always tailored to what's best for your institution, free from single-solution bias.

### Sector-Specific Knowledge

With extensive experience supporting universities, we deliver results that are relevant, sustainable, and aligned with the future of learning.

### Multi-Vendor Expertise

Our in-depth knowledge across multiple leading brands enables us to recommend the optimal mix of solutions, providing you with a single trusted partner for all your needs.



# Featured Solutions to Build a Smarter Campus.

## Delivering Intelligent Meeting Rooms

Intelligent meeting rooms are digitally enhanced spaces that facilitate seamless and inclusive collaboration for both in-person and remote participants. In higher education, they are essential for delivering hybrid learning models that cater to the evolving expectations of students and staff. Solutions like Huddly's AI-powered cameras ensure that all participants are visible, with smart framing and whiteboard capture that enhance engagement and inclusivity. Nureva complements this by providing advanced audio coverage using Microphone Mist technology, capturing every voice in the room with

clarity, regardless of the speaker's location. Meanwhile, MAXHUB enhances the visual and interactive experience through dynamic displays, lecture capture systems, and Microsoft Teams Room (MTR) setups, allowing educators to deliver content seamlessly across both physical and virtual spaces. Together, these technologies create intelligent environments that simplify teaching, improve accessibility, and ensure consistent, high-quality experiences across the campus.



## Delivering Smart Campuses

A smart campus is a digitally connected environment that leverages real-time data, automation, and integrated systems to improve how spaces are managed, how people interact with technology, and how communications are delivered. In higher education, the goal is to enhance the learning experience while optimising resources,

improving sustainability, and keeping staff and students informed and secure. Solutions from leading innovators like Utelogy, PointGrab, GoBright, and Audieband help universities bring this vision to life, creating campuses that are not just functional but intelligent and future-ready.



## Better Hybrid Learning with Multi-Camera Switching.

Today's lecture halls, seminar rooms, and active learning spaces need to do more than connect people—they need to include them. With more hybrid and hyflex learning models in higher education, relying on a single camera or microphone is no longer enough.

That's why multi-camera switching has become essential in HE environments. Dynamic camera switching ensures remote and in-room learners stay fully engaged, whether you're showing the lecturer, whiteboard, class discussion, or lab demonstration.

### Perfect for

- Lecture theatres
- Seminar rooms
- Collaboration spaces
- Active learning environments
- Large, flexible learning spaces
- Frequent room reconfigurations
- Multiple presenters and student interaction

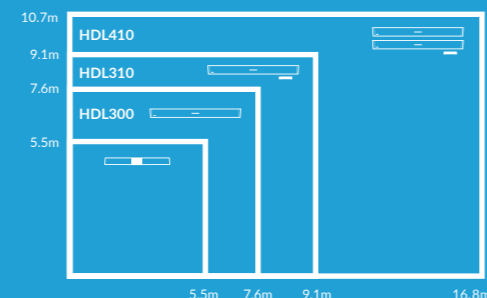
## Nureva's audio solutions are designed for the realities of higher education

### Adaptive Voice Amplification

Amplifies the instructor's voice remotely and in the room.

### Lecture capture

With leading cameras and UC platform.



### Easy user adoption

Teach/learn in the same way you normally do.

### Autocalibration

Minimal maintenance and less IT support calls.

**No complex programming.**  
**No missed voices.**  
**No students are left behind.**



## Smart Video Collaboration.



Gallery View



Group Framing



Perspective Correction



Framing Zone



Speaker Mode



Collaboration mode

## With Huddly Everyone is in the Frame

As universities adopt hybrid learning, they often encounter challenges such as inconsistent video quality, limited camera coverage, and complex AV setups, which put pressure on IT support. Huddly's AI-powered cameras are designed to overcome these issues, featuring ultra-wide-angle lenses, smart auto-framing, and integrated microphones for crystal-clear, hands-free audio and video. Easy to deploy

and fully compatible with platforms like Microsoft Teams and Zoom, Huddly also offers valuable usage analytics to inform AV strategy and planning. The result is a more inclusive, efficient, and dependable learning experience across every space on campus.

## Introducing the Huddly C1

- A 4K, 150° wide-angle lens with real-time participant framing powered by AI.
- A 16-microphone array with beamforming and noise suppression.
- A modular design that allows the C1 to be used alone or paired with Huddly Crew Add-On Cameras for multi-camera configurations.
- Snap-on aluminium front plates in various colours for aesthetic flexibility.
- Compatibility with major UC platforms, including Zoom, Microsoft Teams, and Google Meet.



# MAXHUB

## Simplifying Collaboration Across Campus.

To keep pace with the demands of hybrid learning, universities need AV solutions that are easy to use, quick to deploy, and built for flexibility. MAXHUB delivers exactly that—with integrated Microsoft Teams Rooms (MTRs), interactive displays, and LED walls designed to enhance teaching,

streamline collaboration, and reduce pressure on IT teams. Its plug-and-play setup, intelligent features, and remote management capabilities make it ideal for creating modern, efficient learning environments across higher education campuses.

### Meet the MAXHUB Xboard – All-in-One Video Conferencing Display

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## Smarter Space Booking & Navigation.

GoBright streamlines the interaction between students and staff in university spaces. Its integrated platform combines room and desk booking, digital signage, and wayfinding, all seamlessly connected with tools like Microsoft Teams and

Outlook. By automating resource allocation and providing live space availability, GoBright helps institutions improve utilisation, reduce friction, and enhance the overall campus experience.



### GoBright Key Benefits Smarter Campus Interaction

#### Streamlined Space Management

*Simplify how students and staff interact with physical spaces:*

- Easy booking for rooms, desks, and parking.
- Flexible workspace support for different teaching styles and group needs.

#### Enhanced Campus Communication

*Deliver relevant information where and when it's needed:*

- Real-time updates via digital signage and wayfinding.
- Visitor management with seamless digital check-in.

#### Access & Permissions Control

*Ensure the right access for the right people:*

- Customisable access levels for different user groups.
- Scalable across departments and campus-wide locations.

#### Data-Driven Decisions

*Turn usage insights into smarter strategies:*

- Analytics on space utilisation and technology engagement.
- Helps IT and facilities teams plan resources more efficiently.

#### Seamless Platform Integration

*Make the most of existing tools and infrastructure:*

- Works effortlessly with Microsoft Outlook, Teams, and other key platforms.
- Integrates directly with AV systems for automatic room setup.



## Real-Time Occupancy Intelligence for Smarter Spaces.

Universities are under increasing pressure to manage their teaching and collaboration spaces more efficiently—yet many lack the real-time insights needed to understand how those spaces are truly being used.

Without accurate data, institutions risk:

- Underutilised or overcrowded rooms
- Inefficient scheduling
- Wasted energy and resources
- AV technology that doesn't align with user needs

PointGrab solves these challenges with highly accurate, real-time occupancy and people-counting data. This empowers universities to optimise space usage, automate room and AV behaviours based on actual occupancy, and make data-informed decisions around upgrades and space planning.

By integrating seamlessly with AV platforms and building systems, PointGrab enables smarter scheduling, reduces energy and maintenance costs, and supports consistent, high-quality experiences across campus for both students and staff.



## Centralised Control for Smarter AV Management.

As AV systems become increasingly complex to support hybrid teaching and campus-wide collaboration, many universities face growing challenges in managing them effectively. With fragmented infrastructure spread across multiple rooms and sites, IT and AV teams are often stretched, responding reactively to issues, managing inconsistent user experiences, and relying on manual check-ins that add unnecessary cost and delay.

Utelogy changes this by providing a centralised, software-defined platform for real-time monitoring, control,

and automation of AV environments at scale. With live diagnostics and automated alerts, support teams can address problems before they disrupt teaching. The platform also offers rich analytics on room usage and device performance, enabling data-driven decisions on upgrades, resource allocation, and space planning.

By standardising control interfaces and simplifying the user experience, Utelogy helps universities improve system reliability, reduce operational costs, and deliver consistent, high-quality experiences across all learning spaces.



02:30 AM

A room ready test has been scheduled to check all the devices in the AV estate using U-Automate



02:32 AM

Issue(s) with the Teams Meeting Room was detected



02:32 AM

Utelogy enacts self-healing scenario to reboot the system and resolve the issues



03:00 AM

The issues are checked and no longer persist



11:30 AM

The board meeting was able to start on time with no issues in the room

## Smarter Campus Communication and Safety.

In today's fast-paced higher education environment, universities must be equipped to communicate quickly and clearly, whether it's for everyday operations or critical emergency response. Traditional methods are often fragmented, slow, and ineffective in targeting the right audiences. That's where Audiebant steps in.

Audiebant is a fully integrated, campus-wide communication platform designed to deliver clear, timely, and location-specific messages via multiple channels—audio systems, visual displays, and mobile notifications. Its zoned and multilingual capabilities ensure that the right message reaches the right people, in the right format, at the right time—whether it's a class change notification, building evacuation alert, or a lockdown instruction.

From enhancing day-to-day communications to enabling rapid response during emergencies,

Audiebant improves both operational efficiency and campus safety. The system supports compliance with evolving legal requirements such as Martyn's Law, ensuring universities are better prepared and more accountable.

What sets Audiebant apart is its ability to integrate seamlessly with existing AV, IT, and building infrastructure, minimising disruption while maximising impact. Whether deployed in lecture theatres, hallways, libraries, or open spaces, it provides a unified voice for the entire institution.

With Audiebant, universities can build a more connected, responsive, and resilient campus—ready to inform, protect, and support their communities, whatever the situation.



## Proudly Supporting Higher Education.





Get in touch and discover how Ascentae can support

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