

Ashoka University, India

Case Study

Modernizing Classrooms for Hybrid Learning

The university is dedicated to fostering excellence across a range of disciplines, from Humanities and Social Sciences to Economics, Finance, and Biosciences. As the university expands its teaching facilities, it is modernizing its traditional classrooms with the installation of advanced AV technology that supports hybrid learning and fosters collaboration.

“Your Success, Our Focus”

Helping our customers grow and creating value for them is at the core of Lumens’ philosophy — and that’s why your success is always our focus.

2. Customer Request

1. How can teaching spaces be modernized to support hybrid learning?

Ashoka University has transformed its physical classrooms. The primary request was to modernize traditional classrooms using advanced AV technology capable of supporting **hybrid learning**. The university required a solution that would create "boundary-less" and "digitally connected environments," ensuring that teaching is no longer limited by the physical walls of the classroom and allowing for the seamless integration of in-person and remote learning experiences.

2. How can classroom interaction and collaboration be improved?

A key priority for the customer was to foster collaboration within the learning environment. To achieve this, they needed a technology solution that could automatically capture interactions between presenters and students. The request highlighted a need for intelligent systems that ensure remote participants remain fully engaged in key interactions, rather than being passive observers. This required tracking cameras to allow instructors to focus entirely on teaching while the technology operates autonomously in the background.

3. How can existing AV assets be integrated into the new solution?

The customer faced the challenge of integrating new technology within their current infrastructure. They required a solution that could work with existing AV assets, including ceiling installed microphones. The goal was for these microphones to detect the active speaker and trigger automatic camera switching. Furthermore, the university sought to reduce installation complexity and the operational burden on IT teams by deploying a unified, IP-based system running over a single network cable.



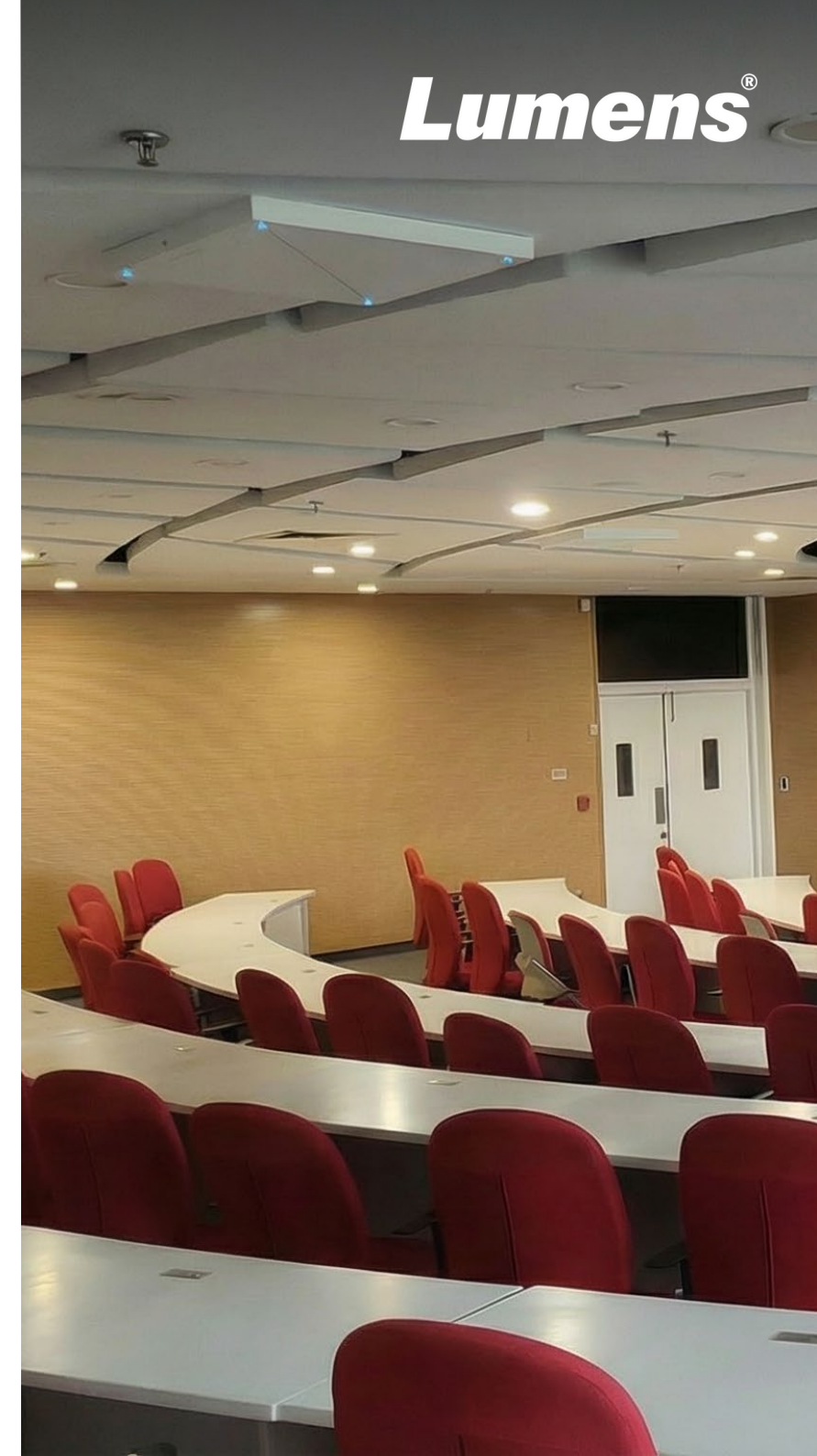
| 3. The Lumens Solution

1. Deploy a fully integrated IP-based AV solution to create modern hybrid classrooms that supports both in-person and remote learning.
2. Use multi-camera intelligent tracking to automatically capture interaction between presenters and students.
3. Integrate CamConnect Pro with 3rd party ceiling microphones to detect the active speaker and automatically control and switch camera views.

| 4. Customer Feedback

By adopting the Lumens solution, the institution [transformed traditional learning spaces into flexible, collaborative, and digitally connected environments](#). Teaching is no longer limited by physical classrooms, enabling seamless integration of in-person and remote learning.

[With automated tracking, recording, streaming, and switching built into a unified IP-based system](#), Lumens simplifies both teaching and operations. Instructors can focus fully on teaching while the technology operates autonomously in the background, and the entire solution runs over a single network cable—significantly reducing installation complexity and operational burden for IT teams.



5. Products



VC-TR61 & VC-TR40
AI Auto Tracking Cameras

1. Your Personal AI Camera Crew

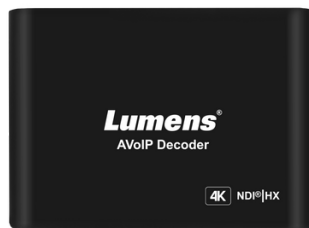
Automatically tracks the presenter's movements and student reactions to capture every interaction, ensuring remote learners feel like they are right there in the room.



CamConnect Pro
AI Voice-Tracking Processor

2. "The Invisible Director"

Syncs with microphones to instantly detect active speakers and switch camera views automatically. Enables instructors to focus entirely on teaching without ever touching a remote.



OIP-N60D
AV over IP and NDI HX3
4K OIP Bridge

3. The Gateway to Hybrid Learning

Enables instant video conferencing by delivering high-quality video and audio directly to Zoom or Teams over a single cable, creating a seamless and stable connection for hybrid classes.

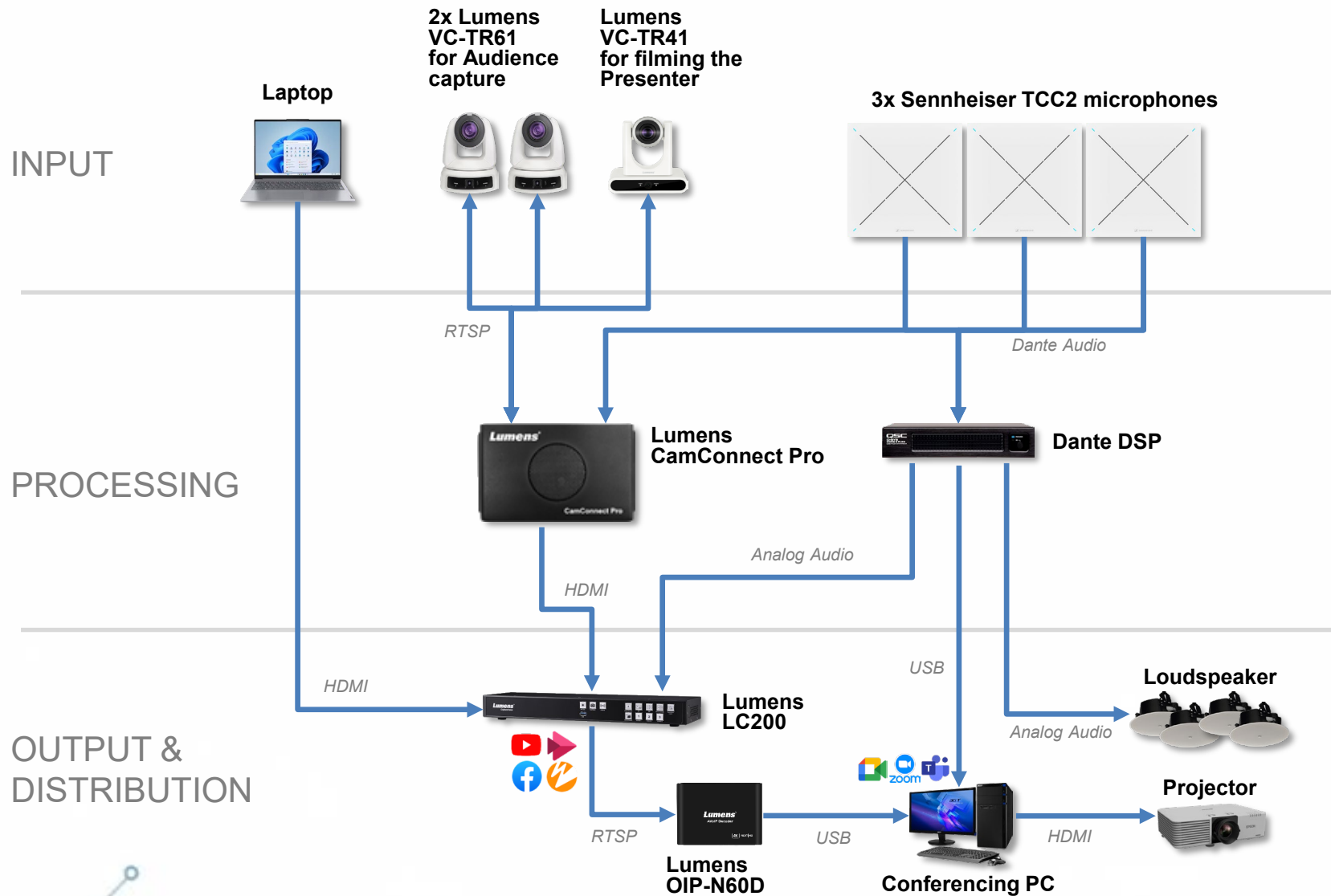


LC200
CaptureVision System

4. Your All-in-One Production Studio

Records, streams, and switches effortlessly. Instantly transform any classroom into a professional media hub to deliver high-quality content to students live and on-demand.

6. Solution Architecture



| 7. Contact us



Contact Sales

Provides product consultation, project planning, and quotation support.



Book a Live Demo

Provides online or onsite live demo appointment scheduling.



ProAV Lab Blog

Provides ProAV use cases, technical articles, and deployment insights.



Download Documents

Provides catalogs, solution brochures, and technical documents for download.



Lumens YouTube

Provides product introductions, tutorials, and customer success videos.

