

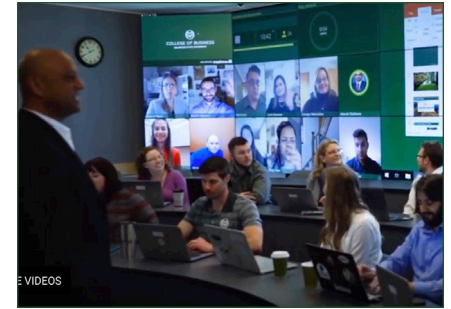
HOWARD TECHNOLOGY REAL SOLUTIONS

CUSTOMER TESTIMONIAL



CSU College of Business

CSU's MOSAIC



An Evolution in Online and On-campus Learning

Colorado State University College of Business

Colorado State University's College of Business is a top-ranked AACSB-accredited business school and has been a pioneer in distance learning since the 1970s. True to form, it recently became the first U.S. business school to provide on-campus, on-demand and real-time online experiences in one blended classroom. It's called Mosaic.

Mosaic uses mashme.io, a license-based platform that bridges the gap between face-to-face and online teaching by allowing students and teachers to interact virtually in real-time. This simulated physical classroom experience delivers a whole new level of engagement by providing collaboration tools that enable effective teamwork and expand network relationships through live communication.

Richie Nelsen, director of information technology at CSU's College of Business, first became acquainted with the technology through a Youtube video about the Wow Wall at IE Madrid. Nelsen recognized immediately that this technology had immense potential for the College but was concerned that it would be too costly to be feasible.

A meeting with Howard Technology Solutions account manager, Dave Hoblick, convinced him that the project was doable. Hoblick worked with Mashme and Samsung to come up with a pricing formula and technology mix that was workable.

Howard was, then, tasked with installation and programming for this project, which was completed in just two weeks.

Hoblick said that 4K visuals were important both for current use and future classroom applications. There were many display options, but Mashme's experience with Samsung's videowall LCDs had been positive, in part due to their reliable support and competitive pricing. "All of those things combined made Samsung a perfect partner for CSU's College of Business and Mosaic," said Hoblick.

The Mosaic solution benefits up to 88 remote students and 37 classroom students. With five strategically placed cameras, online students can see exactly what is going on in the classroom, and 27 video screens allow the instructor and on-campus students to have face-to-face interactions with online students. And it's easy. All the instructor has to do is clip on a microphone and enter a launch code to start the class. For students, it's just as simple—open a web browser and connect to the class through a computer with a camera and microphone.

According to Howard Rep Dave Hoblick, "We are in the business of helping educators create the ultimate learning environments, so it was a real privilege to work with CSU on the Mosaic project. We expect more higher education institutions to be inspired by Mosaic. The Mashme people have been telling me that interest will kind of steamroll here, because it's what they're experiencing in Europe."

Benefits

Live classroom communication
Receive faculty attention through Mosaic's raised-hands feature

Polling and voting
Engage audiences with live polling and question/answer sessions

Chat capabilities
Get feedback and facilitate engagement using native chat features

Breakout groups
Split students into private video chat rooms for discussion and group work

"Mosaic gives virtual students the same personal attention from faculty as those sitting in the class."

*Sanjay Ramchander, Senior Associate
Dean for Academic Programs
CSU College of Business*

Howard Professional Services

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Richer Student Connections

Nelsen highlighted one important aspect of Mosaic by saying "At graduation we have online students who go up to on-campus students and start having a conversation like they've known each other the entire time. So, we are building this experience where our online students feel a real connection to the classroom.

In addition, the college is evaluating the potential to extend access to the CSU community and beyond—potentially to corporate teams."

Deeper Learning

Beth Walker, CSU College of Business Dean, further expressed the importance of Mosaic to their overall goal by saying, "We are in the business of transforming lives, and Mosaic helps us continue that tradition. The true power of Mosaic is its ability to create connections and deepen learning for students from all walks of life to make the CSU College of Business's top-ranked business degrees attainable no matter where they may live or work."



The new Mosaic experience makes CSU's College of Business the only U.S. business school to have three learning options in one classroom. It piloted Mosaic in 2019 graduate courses to perfect the student experience and ensure the technology is used with maximum impact.

Mashme.io CEO Victor Sanchez said, "Mosaic's ability to effectively connect remote participants in an immersive experience with live content makes classroom management and in-class communication possible for any size group. We developed the platform to meet specific demands within the edtech sector and to improve engagement for new digital students, and we anticipate making the Mosaic experience more broadly available in the future."



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