

## CORE USE CASE

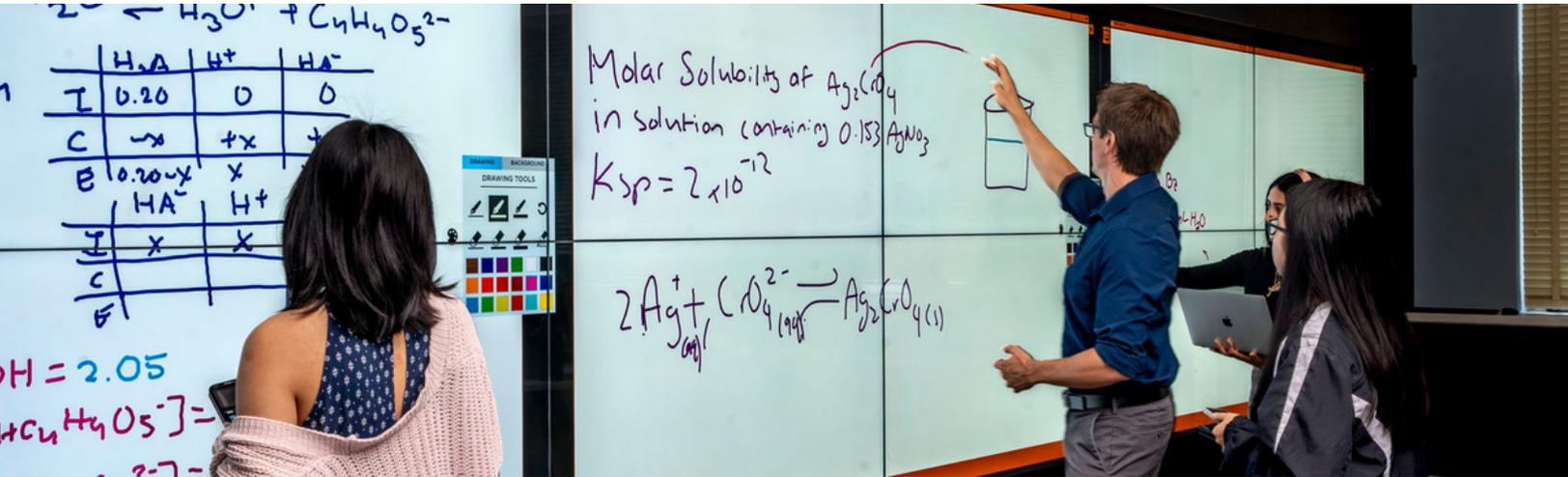
ThinkHub drives data visualization and collaboration within UC Riverside XCITE's Classroom of the Future, fostering a dynamic teaching and learning environment.

## LOCATION

Riverside, CA

## INDUSTRY

Higher Education



## DESCRIPTION

University of California, Riverside (UC Riverside) had a goal to develop a sustainable classroom solution for their XCITE Center for Teaching and Learning (XCITE), intended to benefit future generations of students and researchers. Their vision was to design an innovative space featuring a highly visual and interactive wall, envisioning it as the Classroom of the Future.

They sought to enable hands-on learning for students, foster peer networks, and facilitate exploration of complex subjects. To achieve this, they utilized ThinkHub visual collaboration software, which not only enhances the overall student learning experience, but also caters to the needs of their professors as they seek new ways to engage students and help them overcome barriers to learning.

- > ThinkHub visual collaboration software powers a 6x2 Clarity® Matrix® G3 LCD Video Wall System to display content and data of all sizes — creating a highly visual and engaging space
- > Integrates seamlessly with a variety of applications — from augmented to virtual reality — to create immersive experiences, accommodate different instructional styles, and meet student needs
- > Supports real-time, synchronous and asynchronous collaboration among students, encouraging classroom engagement and peer-to-peer interaction to facilitate better understanding of complex topics
- > Faculty participates in interactive instruction sessions which include tutorials, demonstrations, and in-person training by appointment to explore high-impact presentations, including simulations and large-scale data representations
- > Digital whiteboarding, notes, and unlimited content sharing creates a hands-on learning environment for students to share and communicate ideas



# BACKGROUND

In Southern California, the University of California, Riverside (UC Riverside) is a major research institution and ranked among the top 15 best public universities in the nation. On UC Riverside's 1,200-acre campus, the XCITE Center for Innovative Teaching and Learning (XCITE) provides a hub for faculty interaction, student engagement, and campus collaboration. The XCITE program empowers UC Riverside's educators to engage with cutting edge tools and techniques to enhance learning in traditional and non-traditional classrooms. XCITE provides resources and collaborative opportunities for instructors to discuss, explore, adapt, innovate and assess curricula, pedagogies, and tools to improve teaching and learning at UC Riverside.

## Mission:

To partner in creating innovative and impactful teaching and learning solutions that drive academic and inclusive excellence.

## TESTIMONIALS



"What we are seeing with bringing in the ThinkHub high visualization interactive wall is a model of what we think classrooms are going to be looking like in the year 2030. We really wanted to build here, in XCITE, the Classroom of the Future."



**Richard Edwards**

Executive Director, XCITE Center for Teaching and Learning

"My main focus is on Chemistry education — finding new ways to engage students and help them overcome those barriers to learning."

**“ ThinkHub allows us to seamlessly integrate applications and further the students' understanding and interest in the subject matter — and the students really, thoroughly enjoy it.**

You can tell from the look on their faces you know how much interaction you get from them — it's a night and day difference. By utilizing technology such as this, you can integrate different instructional styles and meet those students wherever they are with whatever methods work best for them."



**Josh Hartman**

Assistant Professor of Teaching, Chemistry Department



"Something that truly surprised me was the fact that we can have multiple people using ThinkHub at the same time — all annotating at the same time. They can work together as a group, be able to learn from each other, collaborate, contribute to drawings — this is an endless platform."



**Israel Fletes**

Senior Director, Academic Innovations

"Before, we were in this really tiny conference room. There would be this one whiteboard and our professor would be the only one drawing on it. But here, students can go up and write things down and they can talk to other students — and there's a bigger, more collaborative space, so it's way different than what it would be like in a huge lecture hall."



**Aurchana**

First Year Biochemistry Student