

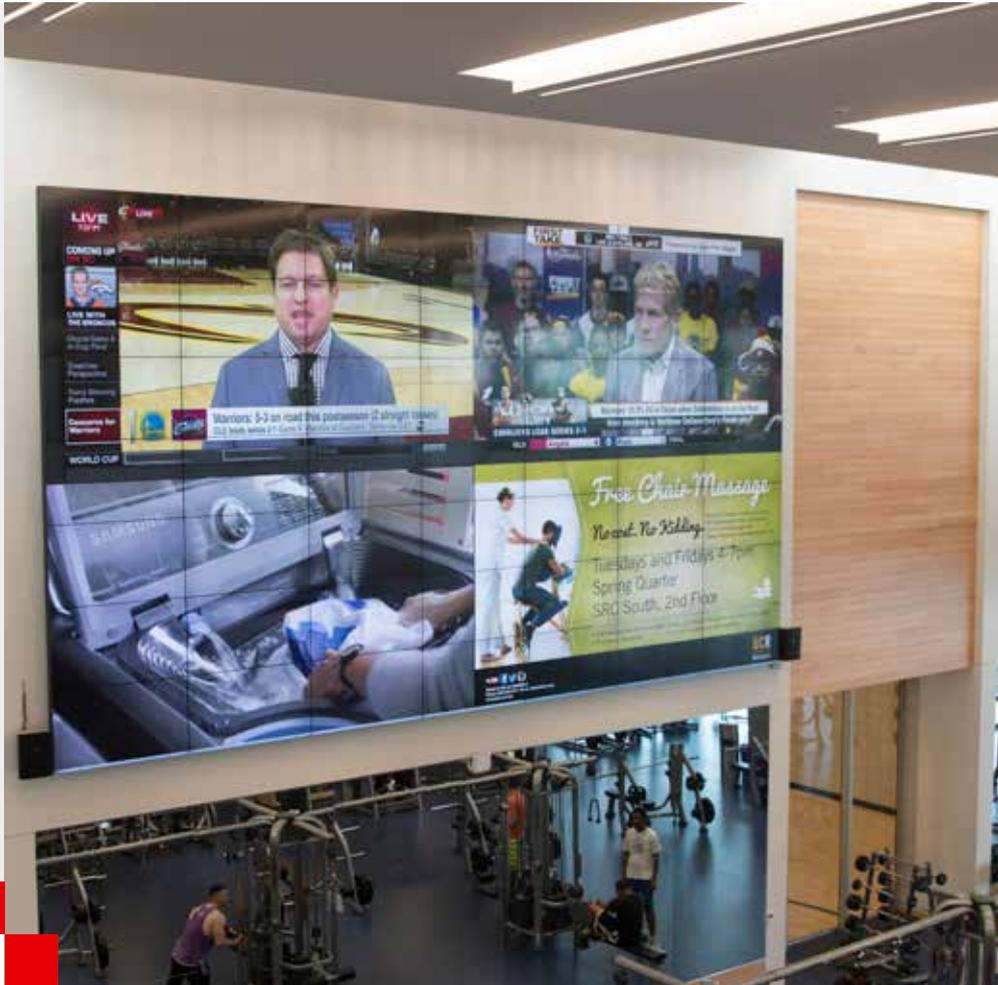
University of California, Riverside

Student recreation center video wall showcases activities

This project achieved a number of industry firsts thanks to Barco's innovative display wall technologies



James Gulke - Project Lead,
High-Tech Electric



Barco solutions:

- (49) 55" OverView KVD LCD displays
- TransForm ECU-110 video wall controller
- Two ECU-EXT expansion units

Key Benefits:

- Remote power supply enables convenient operation and servicing
- Excellent image quality, flexible layouts, ultra-thin bezels
- Conveniently manage sources via touchpad on AV rack

Serving as the nerve center for its recreational, fitness, outdoor trips, intramural and club sports on the campus, the new University of California, Riverside (UCR) Student Recreation Center houses a vast array of health and sporting activities designed to help its students have fun and stay fit. With so many options available, the school needed a way to showcase events, share news, stream sports and games in a visually, high-tech format. The solution: a state-of-the-art Barco LCD video wall developed in collaboration with High-Tech Electric and Almo Professional A/V.

BARCO

Visibly yours



Located just outside Los Angeles, the UCR is home to +21,000 students, touted as one of the most ethnically diverse research universities in the United States. The campus is a living laboratory for the exploration of critical issues such as air, water, energy, transportation, politics, the arts, history, culture and healthcare. Its student body's tastes for recreation and adventure are just as varied, and the new 155,000-square-foot Rec Center offers something for everyone.

Not only is the video wall a fantastic activity showcase, but it also boosts opportunities for advertising revenue and promoting new classes



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Just the right fit

Although the newly renovated UCR Student Recreation Center was expanded on a massive scale to accommodate a wide variety of activities and equipment, including a rock climbing wall, swimming pool, basketball and weight training facilities, and several classrooms, the space available for a video wall showcasing the many options was small by comparison. Because of the height/weight ratio, elevated positioning of the video wall (13 ft), and tight crawl space behind, the solution had to feature LCD displays and be serviceable remotely. High-Tech Electric provided the perfect solution, creating a low-profile, versatile media wall system using Barco's 55" OverView KVD LCD displays seamlessly aligned and hung on a massive frame.

One of the most critical factors and significant benefits of the video wall was its remote power supply, which could be located on a rack mount system 100 m away from the wall for easy servicing - no high ladder required! This also decreased the heat/load conversion on the panels themselves. "It was a leap of faith, as we were the first to use the Barco KVD LCD displays with their ingenious remote power supply - but they worked immediately and delivered beyond expectations," commented James Gulke, Project Lead at High-Tech Electric.

Perfect color and control

Another pioneering achievement was the use of the "Green" BCM appliance to manage and control the color and brightness of the LCD panels continuously via its exclusive Sense X software calibration technology. The Sense X automatic color and brightness calibration system interfaces with sensors embedded in each KVD-5521 monitor and enables users to calibrate the complete wall within minutes, without any external sensor or manual intervention.

Pre-configured and easy to use, the Transform ECU-110 controller manages the inputs and outputs of video sources, enabling a multitude of layouts. "It's an ideal set-up, since our non-technical users can run the wall via a touch panel on the AV rack without impacting the university network," continued Gulke. Video content can be accessed and managed via tablets and smartphones as needed.