

PHOTO GALLERY



OTHER CTS PROJECTS



Princeton University
DeNunzio Pool | 25mm Video Display



University of South Carolina | Blatt Education Center
35mm Video Display

CASE STUDY

University of Missouri-Columbia
Student Recreation Center

Colorado Time Systems
Hastings & Chivetta Architects
University of Missouri-Columbia



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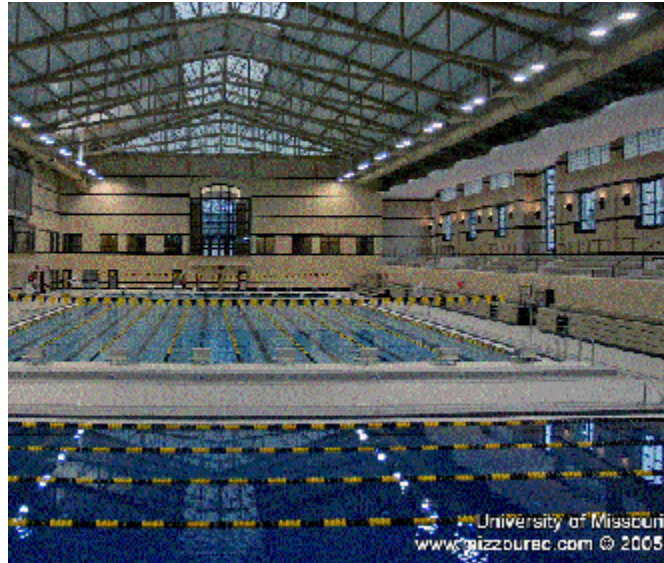
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CASE ABSTRACT

This case study documents the design and construction for the Student Recreation Center at the University of Missouri-Columbia. Recognizing that a multitude of companies participated in the construction, the primary focus of this document is directed at the interaction between Colorado Time Systems (CTS), the University of Missouri, and Hastings & Chivetta Architects.

The university sought a facility that would “invent the future of campus-based recreation,” according to Diane Dahlmann, Director of Recreation Services and Facilities. The recreation center was also chartered to recruit students more effectively and also host quality athletic meets and championships. The university formed a plan for a recreation center that would incorporate competition, leisure activities and entertainment.

Colorado Time Systems (CTS) worked closely with the architect, The University, and the contractor to ensure that all of the aquatic needs were met. CTS designed the aquatic system and supplied the facility with start systems, timing systems, touchpads, relay judging platforms, a numeric scoreboard for diving and four video display boards. Two of the video display boards (one 35mm and one 18mm) were installed in the competitive pool, and two 18mm displays were installed in the leisure pool area; one indoor and one outdoor.



“CTS is the BMW/Mercedes of timing equipment companies. They’re unparalleled and great to work with.”
--Dan Shipp
Associate Director of MU Recreation Services

FIRM QUALIFICATIONS

Colorado Time Systems, established in 1972, provides premier sports facilities with platinum quality timing, scoring and display systems. More than 85% of universities utilize CTS systems for aquatic competition and training.

CTS professionals assist architects, designers, and contractors in establishing the design requirements for a complete natatorium system. CTS is responsible for ensuring that the client’s needs are met by specifying equipment, supplying and verifying drawings and installing all aspects of the system.



Hastings & Chivetta Architects, Inc. provides academic, cultural, commercial, health care, and corporate design for clients since 1960. The Hastings & Chivetta solution includes: master planning, interior design, sustainable design, computer-aided design and drafting, specifications writing, graphic design, and construction administration.

DESIGN AND INSTALLATION PROCESS

Once awarded the contract for the Recreation Center, Colorado Time Systems worked closely with Hastings + Chivetta to ensure a smooth installation.

A CTS consultant reviewed the initial design, and made detailed suggestions on the placement of starting platforms, deck and wall plates and scoreboard/video displays.

“We chose CTS because they were able to share our vision intellectually and technically partner with us,” says Dahlmann. “They listened -- and they listened closely. Not only to our competitive timing needs, but to our ideas about competition and leisure time use, as well as the role of entertainment in the facility. We were bound and determined to have an entertaining venue, and CTS came in with Vegas-style display boards, delivering entertainment in all aspects of the facility.”

The response to the recreation center and its pool has been superlative, including a nod from Sports Illustrated. In the September 2005 issue, the Mizzou Student Recreation Center was named the number one recreation center in the country.



PROJECT SUMMARY

The 50m competitive pool at the Student Recreation Center features:

- | System 6 Timing System
- | Relay Judging Platforms with Speedlights
- | AquaGrip Touchpads
- | Championship Start System
- | Numeric Scoreboard for Diving Well
- | 35mm Video Display (96 x 192 pixel) for timing and scoring
- | 18mm Video Display (192 x 256 pixel) for video replays, etc.

The leisure pool area (indoor & outdoor) features:

- | Two 18mm Video Displays (112 x 208 pixel) for ZouTV, DVD replays, music videos, and more

“Coaches are very particular about timing equipment. If your facility doesn’t have the best equipment, if you go with an inferior product, it hampers the bidding process when it comes to hosting meets.”

--Dan Shipp
University of Missouri-Columbia

“We wanted to attach state-of-the-art quality entertainment, not as an afterthought. The students were exact about their demands, and CTS came through with not just state-of-the-art product, but even prototypical product.”

--Diane Dahlmann
University of Missouri-Columbia