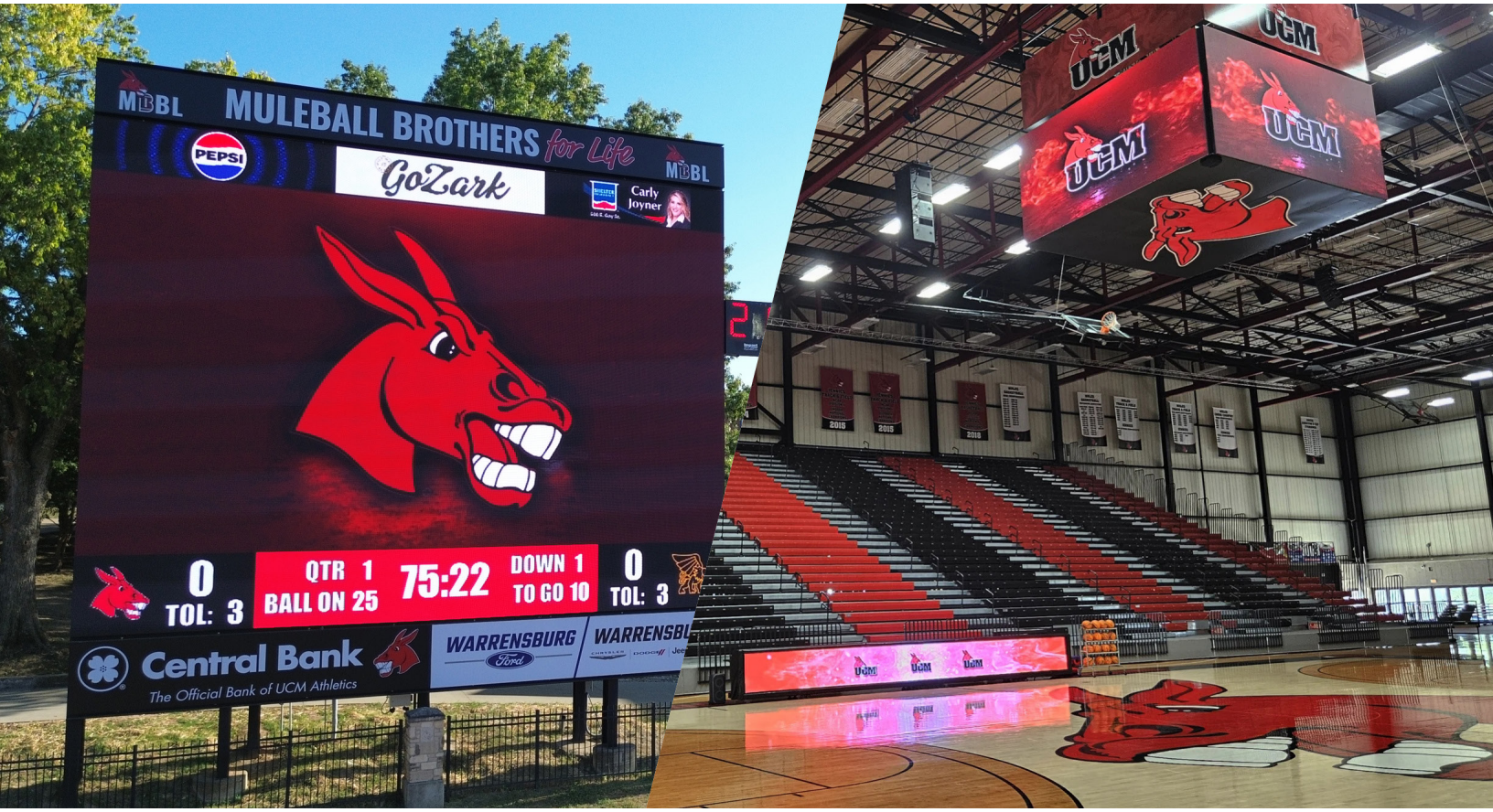
TWO DISPLAYS. ONE STRONGER GAME-DAY EXPERIENCE.

A bigger stage for UCM athletics



Two venues. One more flexible game-day production.

For the University of Central Missouri, upgrading its scoreboards meant solving two different installation challenges while giving athletics staff more creative control. A large outdoor STAX display and a four-sided, center-hung APEX indoor scoreboard now provide a larger stage for live video, statistics, and graphics.

NEXT LED and Impact Signs worked together on engineering, installation planning, power, and communications. Indoors, early surveys helped simplify the installation approach. Outdoors, the team coordinated additional electrical capacity and structural work to support the larger display.

For **Joe Thuente**, Deputy Athletic Director/External Relations, the result is a production workflow that is easier to teach and offers more ways to shape the presentation, backed by help from NEXT as the staff learns and develops the system.

THE INDOOR UPGRADE

A clearer view from the center





Center-hung APEX display and courtside LED table at UCM.

DISPLAY
APEX indoor LED

CONFIGURATION
Four-sided, center-hung

PROJECT TEAM
NEXT LED + Impact Signs

More detail in the presentation

For **Joe Thuente**, the most obvious change indoors was the resolution. The new APEX display gives UCM a clearer image and more freedom to use detailed graphics and on-screen information. The four-sided, center-hung format serves the indoor venue with a display positioned above the event.

The upgrade was also about the work behind the image. UCM's previous presentation required more time and effort for elements such as lower-third graphics. The new system gives the athletics staff more options for arranging content and presenting information during an event.

Solve the installation before it begins

Replacing an overhead display required careful consideration of the existing facility. Impact Signs' **David Goodson** describes NEXT and Impact conducting on-site surveys and reviewing the engineering before finalizing their installation approach.

That upfront work allowed the team to eliminate unnecessary additional equipment, simplify the proposed installation, and reduce its cost. The project illustrates the value of examining the existing conditions before deciding how a replacement display should be installed.

For UCM, the result was an improved indoor display backed by a practical, coordinated installation plan.

> **"We did a lot of investigating, a lot of due diligence on the front side of the project."**
>
> **David Goodson** | President / Owner
> Impact Signs

THE OUTDOOR UPGRADE

A larger canvas for game day





The outdoor STAX display in use, with field and track context.

PRODUCT
STAX outdoor LED

PHYSICAL SIZE
30 feet high x 40 feet wide

PIXEL PITCH
9.5 mm

Make the display part of the event

The outdoor board's larger size was an immediate change. UCM now has more room for live video, game information, and detailed graphics. **Thuente** describes a presentation that can feel more dynamic and more like the larger athletic environments he has worked in.

Multiple camera feeds add to those possibilities. A camera near the football locker room can show the team coming onto the field. Staff can select between feeds through the software without relying on a separate video switcher for that task.

David Goodson describes the scope: "We engineered some additional structure, foundations, support columns." The display, power, and communications had to be coordinated with that work.

Coordinate power, structure, and data

Reusing existing infrastructure helped control costs, but it did not remove the need for substantial site work. The larger display required more electrical capacity. **Thuente** says incorrectly marked wiring led to more digging, additional time, and several visits from the electrical company.

NEXT worked with Impact's design team and engineers to address structural limitations. Impact also coordinated with NEXT on the fiber connection.

> **"We can be more dynamic, more like a big-time event, more like a big-time environment than we could be before."**
>
> **Joe Thuente** | Deputy Athletic Director/External Relations
> University of Central Missouri

BEHIND THE SCREENS

More control for the people running the show

The value of UCM's upgrades extends beyond the displays themselves. **Thuente** describes software that is easier to teach while giving staff more ways to build a live presentation. That combination matters for an athletics department working with the production staff and equipment it already has.

Move beyond a graphic or video

The previous system limited what UCM could show. **Thuente** says live statistics were unavailable, and lower-third graphics required considerable work. Staff now have more flexibility to use layers, screen zones, graphics, and live information together.

Bring camera feeds into the workflow

At football, the software lets staff choose among live video inputs, including the team's tunnel camera. **Thuente** describes being able to create production elements associated with larger programs without needing the same extensive production-room equipment.

Train more people to operate it

An intuitive workflow makes it easier to bring additional staff into the process. At the time of the interview, UCM had used the new boards for only a few games, and **Thuente** saw further opportunities to develop the presentation as the team learned more.

> **"If something isn't working on our end, it's not just our problem, it's NEXT's problem as well, and they will help us find the solution."**

Joe Thuente | Deputy Athletic Director/External Relations
University of Central Missouri

Get help as needs change

NEXT helped UCM set up live statistics and make adjustments as the staff's requirements evolved. **Thuente** describes being able to call or text outside regular hours, including when an issue needed attention during a live event.



Start with an event that works

UCM was ready for its first event. **Thuente** recalls fewer startup problems than he had experienced on earlier video-board projects. That gave his team a foundation for improving the presentation rather than spending the opening event working through major setup issues.

The early results are operational: more creative options, easier training, and accessible assistance. The system gives staff room to build their production skills while continuing to receive support.

NEXT LED SIGNS | PLAN TO BE MEMORABLE

888-359-9558 | nextledsigns.com

CENTER-HUNG DISPLAY | SCORER'S TABLE | OUTDOOR DISPLAY

Project specifications overview

CENTER-HUNG DISPLAY

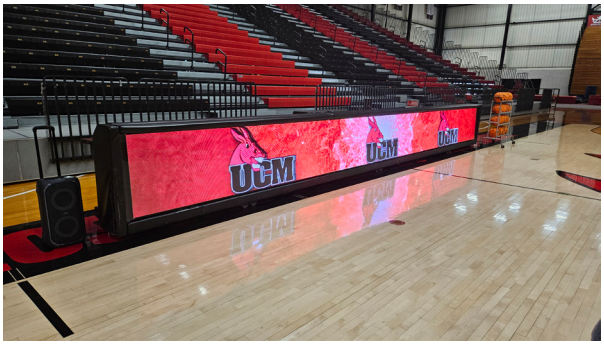
Product platform	APEX
Configuration	Four faces; specifications per face
Physical size (H × W)	6'6-3/4" × 13'1-7/16"
Pixel pitch (mm)	1.9 mm
Pixel matrix (H × W)	1024 × 2048 px



Hughes Center center-hung display.

SCORER'S TABLE

Product platform	APEX
Configuration	Courtside LED scorer's table
Physical size (H × W)	29.5" × 27'10-5/8"
Pixel pitch (mm)	3.9 mm
Pixel matrix (H × W)	192 × 2176 px



LED scorer's table at Hughes Center.

OUTDOOR DISPLAY

Product platform	STAX
Configuration	Outdoor scoreboard
Physical size (H × W)	30' × 40'
Pixel pitch (mm)	9 mm
Pixel matrix (H × W)	960 × 1280 px



Sponsor information at Walton Stadium.

Project team NEXT LED and Impact Signs

Location University of Central Missouri · Warrensburg, Missouri