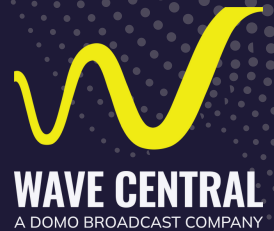


ENHANCING THE FAN EXPERIENCE:

HOW WAVE CENTRAL ELEVATES LIVE EVENTS IN VENUES AND STADIUMS



Broadcasters and production teams are under increasing pressure to deliver UHD content, reduce infrastructure complexity, and adopt IP-based workflows without sacrificing reliability or control. In particular, the move to UHD over IP demands receiver/decoder solutions that are standards-based, redundant, and deeply integrated with broadcast control systems.

Modern production environments require equipment that supports UHD video, offers seamless interoperability with IP-based infrastructures, and ensures system-wide redundancy to avoid signal loss in mission-critical applications. Without native support for SMPTE ST 2110, ST 2022-7 redundancy, and NMOS protocols, teams risk network fragmentation, increased latency, and complex integration workflows.

The Fan Engagement Challenge

Today's sports and entertainment venues face a dual challenge:

- Deliver high-quality visuals to thousands of fans in real time
- Maintain flexibility and reliability in high-RF, high-traffic environments

Traditional wired systems limit mobility and innovation. Other wireless systems can exhibit video 'hits,' have range limitations, and have increased delay that can frustrate production staff and fans alike. Wireless systems from Wave Central remove these barriers and open the door to dynamic, in-the-moment content creation and delivery.

Wireless That Works—Even in the Most Demanding Environments

Wave Central products are designed specifically for high-stakes environments like stadiums and arenas. Our systems power:

- Live handheld camera shots that roam the crowd and sidelines
- Video board / center-hung display content keeping fans connected to the game
- In-venue entertainment (pre-game and halftime shows, sponsored content, POV cams, etc.)
- Sourcing video clips for instant replay and mobile-view sync for second-screen experiences

Whether it's a touchdown celebration, the home run jog from 3rd to home captured on a gimbal rig, or the fan 'kiss cam' shown on the center-hung at halftime; Wave Central delivers the signal cleanly and reliably – every time.

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RXD-5



Low-latency, high-fidelity wireless receivers optimized for dense RF environments. This is the backbone of flawless venue coverage.

AXTX3.5



Designed for flexibility and performance in high-mobility workflows—perfect for crowd shots and creative content angles.

IP MESH



Extend signal coverage across complex venue layouts and support two-way communication for camera control and monitoring.

ARENAS:

Used multiple RF handheld cameras for player introductions, fan cams, and halftime entertainment, inter-cut with the in-house wired cameras reliably, with the lowest latency.

STADIUMS:

Leveraged multi-way diversity receivers, RF over Fiber systems, and wireless camera control to support roaming handheld and gimbal-stabilized cameras for dynamic in-game content shown in-house and via mobile apps.

VENUES:

Provided backstage, drone, and crowd cutaways during live performances—all wirelessly transmit and cut into the live in-venue feed.

Our Fans Always Score

- Closer, more immersive view of the action
- Interactive content and crowd engagement
- Smoother, delay-free visual experience
- Enhanced atmosphere through rich video storytelling

At Wave, We Build Around You

Wave Central helps arenas, stadiums and venues do more than just “show the game”. We help them deliver live experiences that engage fans on a whole new level. Our technology is built around your crew’s technical demands, but ultimately, it’s truly focused on the people in the seats.



[Want to learn more? Click here to reach out!](#)