

Jacksonville Veterans Memorial Arena Scored With a Xirrus State-of-the-Art Wireless Network



The Jacksonville Veterans Memorial Arena (The Vet) is a 15,000-seat multi-purpose arena in Jacksonville, Florida. Built in 2003, the Arena is home to the Jacksonville Sports Hall of Fame and hosts many events.

Infrastructure requirements included:

- Bandwidth to connect over 15,000 attendees
- Support large centralized areas of density, while covering the entire facility
- Sustainable and reliable wireless network

The Xirrus solution provided:

- A level of reliability and security as good or better than wired
- Arrays that integrate 4 to 16 radios, high-grain directional antennas, a multi-gigabit switch, controller, firewall, and threat sensor into a single access device
- 4X the coverage and up to 8X the bandwidth and capacity to service high user density at locations like large auditoriums

Benefits:

- 80% fewer devices, requiring 80% fewer man-hours to deploy, saving substantially on infrastructures costs and cabling
- Flawlessly support thousands of concurrent wireless users
- Unmatched wireless coverage throughout the arena
- Delivered unparalleled reliability

The Jacksonville Veterans Memorial Arena, also known as The Vet, is a 15,000-seat multi-purpose arena in Jacksonville, Florida. It serves as a multi-functional entertainment venue, hosting hundreds of sports, music and live entertainment events each year. In order to support a busy event schedule and maintain the state-of-the-art facility, The Vet required a reliable wireless network that could supply enough bandwidth to support 15,000 attendees, media personnel and tenants. The Vet's ultimate goal was to cost-effectively increase their overall coverage and performance by upgrading to a high density, reliable wireless network.

Delivering Unparalleled Reliability in a Wireless Network

The Vet criteria included complete wireless coverage throughout the 15,000-seat multi-purpose arena, ease of deployment, and the ability to handle thousands of concurrent wireless users. Through real-time, live site testing, Xirrus demonstrated a state-of-the-art product that would deliver unparalleled reliability.

Supporting large centralized areas of density, while also blanketing a large facility, is one of the ultimate wireless challenges for arena and event spaces alike. When faced with supporting a nationally distinguished sports event, it was apparent to The Vet that their current wireless solutions wouldn't offer the reliability or the coverage required for success. The Xirrus wireless solution was the only wireless architecture that could deliver the necessary density and coverage for thousands of attendees, at half the cost of competitive solutions. The Vet was able to replace the traditional wireless access points with Xirrus wireless Arrays and greatly improve the performance of their wireless Internet services provided to their attendees and tenants.



The Jacksonville Veterans Memorial Arena deployment provides yet another real-world example that high performance wireless exists today and can easily extend the wired network to the 'air' without compromise. With the Xirrus product, The Vet was able to maximize the number of wireless radios in the air, while deploying far fewer devices to cover their facility.

From site survey to installation, it was obvious to The Jacksonville Veterans Memorial Arena that Xirrus was committed to the success of their entertainment venue. The Xirrus Arrays have far exceeded their expectations and continue to deliver reliable wireless coverage with flawless performance for their event critical applications.

The Xirrus Advantage

With the explosion of smartphones and tablets, mobility has become ubiquitous. People expect to connect wirelessly. Organizations depend on high-bandwidth to send and receive voice, video and data, from any device to any one. And no one delivers better than Xirrus. Our array-based solutions are unique. They draw from cellular tower design principles to provide wired-like reliability, increased user density and capacity plus superior security. They perform under the most demanding conditions and have lower infrastructure requirements. When integrated with business and IT objectives, they help you do more than ever before.

At Xirrus, we apply the "best practices" of wired networking to wireless infrastructures by distributing the intelligence to the edge and outfitting the Array with dense multi-state radios in the same manner as a wired switch. That's how Xirrus delivers the best performing, most scalable wireless solutions in the industry. It's a strategic IT infrastructure advantage that fuels organizations. Because Xirrus does wireless networks right.



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