



## TerraWave Solutions® Improves Efficiency at Major Sports Tournament

### Executive Summary

#### Business Challenge

- Increasing the coverage area for the existing wireless network
- Delivering the solution on a tight deadline
- Maintaining the aesthetics of the stadium and major events with the addition of the wireless network equipment

#### Solutions

- 12"x10"x6" Polycarbonate Enclosures with Solid Door, Latch Locks, Universal Back Plate, Cord Grip (312822)
- 802.11n 2.4/5 GHz 2.5/4 dBi Micro MIMO Ceiling Mount Omni Antennas (389407)

#### Benefits

- Successfully integrated the TerraWave Solutions antennas and enclosures with the wireless infrastructure throughout the stadium site
- Entrance processing times significantly decreased



#### Challenge

This major sports stadium is the primary venue for an annual championship that attracts over 700,000 attendees during the tournament period. With increasing attendance each year, the stadium needed to improve the amount of time it takes to process entrance into the stadium.

The venue already had a wireless infrastructure in place, but needed to broaden the coverage to include each entry/exit into the stadium so that attendee tickets could be scanned at every possible entrance to decrease wait times. The solution would also provide wireless services to stadium employees within the stadium lobbies - further increasing customer service efficiency.

#### Solution

The stadium chose TerraWave Solutions' 12x10x6 polycarbonate enclosures with Micro MIMO antennas installed on the doors. The enclosures and antennas are designed for indoor and outdoor use to protect wireless equipment from corrosion, dust, rain and extreme temperatures. The solution was then painted to match the overhead beams that the enclosures would be installed on. These beams stretch over the entryways to the stadium and would allow the ticket takers to easily scan tickets via wireless devices to speed up the entrance process. The solution made the wireless network more robust and able to withstand the high traffic times.



12x10x6 Polycarbonate Enclosure



Micro MIMO Ceiling Mount Omni Antenna



Installed Solution at the Stadium

For detailed product information and to purchase product, please contact a TerraWave Solutions wireless networking solutions sales engineer at 210-375-8482, 800-851-4965, [sales@terrawave.com](mailto:sales@terrawave.com) or visit [www.terrawave.com](http://www.terrawave.com).

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