

## **Las Vegas Raiders Select MatSing to Deliver Exceptional Performance at Allegiant Stadium Using Lens Antennas**

*Innovative antenna design brings better broadband mobile coverage and less RF interference to stadium for when fans return to the seats*

LAS VEGAS, October 19, 2020 – MatSing, the world's leading manufacturer of high-capacity lens antennas, today announced that it has been selected by the Las Vegas Raiders to provide mobile capacity antenna coverage for the new Allegiant Stadium.

Through the use of 27 MatSing lens antennas, Allegiant Stadium's seating, field and the Modelo Tailgate Zone will provide fans with 4G and 5G broadband mobile coverage with fewer interruptions and dropped signals, once COVID-19 health restrictions are lifted.

"Though fans are not returning to the seats yet due to COVID-19 precautions, when they do they'll find a smoother Internet experience able to handle modern-day demands of streaming and social media sharing," explained Michael Matytsine, MatSing co-founder and EVP of Operations. "Our lens antenna technology will provide Raiders fans with better broadband mobile coverage and there will be less interference than with traditional antenna set ups at most other professional sports stadiums."

MatSing's spherical lens antennas are based on a unique patented technology that allows a single antenna to provide up to 48 high capacity coverage sectors, replacing up to 48 traditional antennas with a single lens. Unlike other current solutions, like under-seat antennas, the MatSing lens antennas installed in the roofing structure typically have a clear line-of-sight path to potential users. This significantly reduces the number of antenna locations, as lens antennas can also reach farther than traditional antennas, providing better coverage and less interference at a lower cost and complexity for the team.

"We had a vision that we wanted to provide a league-leading mobile broadband service without encumbering Allegiant Stadium with unsightly antennas, and knew a line-of sight model built into the stadium's catwalk was the key," explained Raiders VP, Information Technology Matt Pasco. "After seeing MatSing's technology in use at other stadiums, we knew it was the technology provider to match our concept of performance and aesthetics that would allow guests at Allegiant Stadium to share their experience and interact from the stands like never before."

MatSing will continue to work with the Raiders to maintain and test the lens equipment throughout the season, ensuring its readiness for the first use with fans in-stadium once COVID-19 restriction are lifted.

### **About MatSing**

Founded in 2005, MatSing has developed and patented new meta-materials to create the world's first lightweight and multibeam Lens Antennas. This new approach for high-performance, high-capacity antenna design is more efficient and offers key advantages over dish and array antennas, the ability to provide broadband coverage, emit and maintain multiple beams, and to do so cleanly with minimal RF interference. Nationwide coverage isn't the only critical challenge facing telecoms companies, and MatSing's Lens antenna solution is ideal to meet the capacity demands of a smartphone-equipped population with new apps that chew through data, including uses at outdoor events, stadiums and

macro uses in major cities. Each antenna can provide multiple independent sectors, up to 48, providing the highest capacity across multiple bands with the fewest antennas possible. MatSing lens technology is the perfect fit for 4G, LTE, and 5G mobile broadband coverage, and it is the most cost-effective network densification tool in the industry.

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