

Keeping pace with a growing university.

The University of Mississippi, or Ole Miss, is the state's largest university and has been ranked among the nation's fastest-growing institutions. In addition to its 24,000 students, Ole Miss regularly welcomes thousands of Rebel fans for football and basketball games, tailgating and other sporting events. Whether students are trying to access textbooks online or fans are Tweeting from the games, wireless usage and data demand at the university continues to increase.

The Need

Several years ago, Crown Castle deployed a small cell network at two of the most highly trafficked areas—the Rebel football stadium and a nearby tailgating spot called The Grove. Since then, the university has continued its substantial growth and needed new communications infrastructure to meet the increase in wireless demand. We were brought back in to provide a solution to help satisfy the needs of students and faculty in the classrooms as well as fans in the stadium and arena. Like the last installation, it was important that this solution preserved the beauty and history of the campus. We also needed to ensure that the installation process did not interfere with stadium or arena usage during the football and basketball seasons.

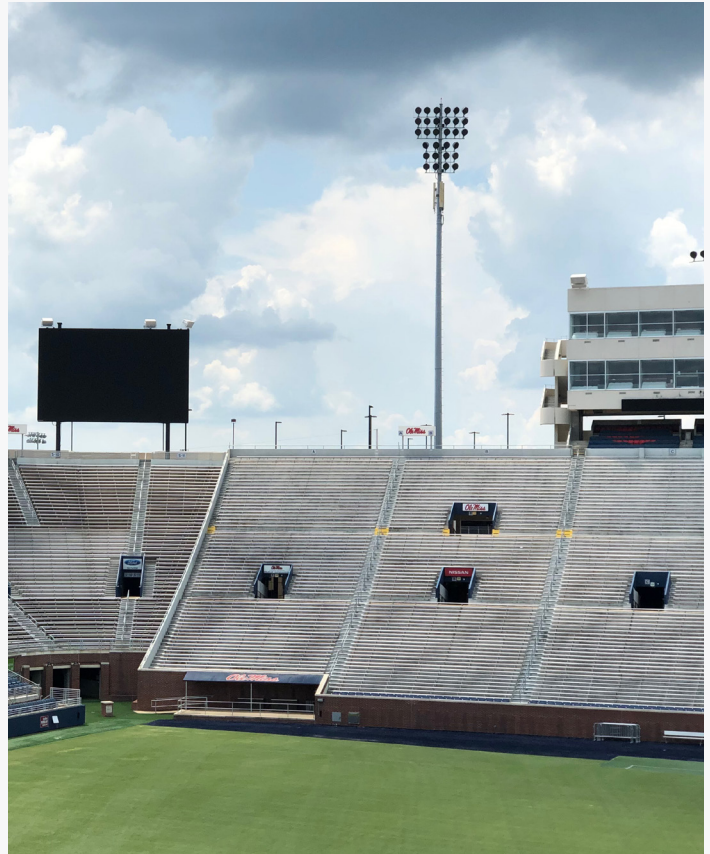
The Solution

While working with the university to meet their timing and design specifications, we expanded the existing infrastructure—adding indoor small cells to multiple campus buildings, including the business school and performing arts center. We also updated the system in the Rebel football stadium and added small cells to the new 9,500-seat Pavilion arena which hosts basketball and volleyball games, concerts and academic events. Additionally, we built a tower on the university grounds to offer greater coverage across the entire campus.



The Impact

- The new tower and additional small cells will enable wireless carriers to provide reliable connectivity for students, faculty and visitors.
- Our multi-tenant small cells enabled us to add another wireless carrier to the existing network.
- To date, we have deployed 40 small cell nodes at the campus and as the university continues to grow, we will be a long-term partner—helping to ensure Ole Miss is ready for the future.



Why Crown Castle?

We have more than 20 years of experience implementing small cells in universities and other communities, including dense urban centers and residential neighborhoods.

Discreet, innovative technology

We provide shared infrastructure that enables the wireless service you have come to depend on—all while blending in with your environment.

Scalable solutions

Small cells are connected by fiber optic cable—making upgrades easy and enabling virtually unlimited future capacity.

Long-term commitment

Our business is all about infrastructure, and you can count on us to be here no matter how technology or carriers change.



Crown Castle owns, operates and leases more than 40,000 cell towers and approximately 90,000 route miles of fiber supporting small cells and fiber solutions across every major US market. This nationwide portfolio of communications infrastructure connects cities and communities to essential data, technology and wireless service—bringing information, ideas and innovations to the people and businesses that need them.