

The Remote Sand Hills of Nebraska offer Golfers a Truly Unique Experience. But, Cellular Coverage? – Forget about it.

Lincoln, Nebraska-based Dormie Network owns and operates eight world-class golf courses across the United States. Dormie's courses are accessible only to network members who enjoy truly unique golfing experiences along with beautifully appointed lodging and other exceptional amenities. The eighth and most recent jewel in the Dormie Crown is GrayBull Golf Club located in the beautiful, yet remote, sand hills of northwest Nebraska – an area of the US that has evolved in recent years into a mecca of sorts for golf's purists – especially those with access to private jet

World-renown course designers refer to Nebraska's Sand Hills as perfectly and naturally suited for hosting golf courses requiring only very subtle changes to the landscape in order to create beautiful, yet challenging tracks.

Perhaps the only downside,... GrayBull's remote location has zero cellular coverage for its discerning membership and staff.



GrayBull Golf Club Located 20 miles Southeast of North Platt in Nebraska's Sand Hill's

Super Wifi to the Rescue

GrayBull considered deploying a private cellular network, but the cost and complexities associated with that option, along with required towers' impact on the Sand Hill's natural aesthetic, made it infeasible.

Super Wifi, on the other hand, delivered the required coverage and capacity with a surprisingly limited number of access points due to Super Wifi's extreme range.

Kryst Wireless' Kansas-based system integrator partner – Commlink – Proposed and deployed GrayBull's Super Wifi network serving a detailed site survey, a network as prime contractor with technical support from Kryst Wireless. After conducting design ensuring minimal visual impact to the surrounding landscape was presented to Dormie management and subsequently approved. The final design only called for 9 Super Wifi Radios for coverage of the course and practice areas with deployment completed in just four days.



A large flag pole was installed at the centrally located comfort station to support placement of long range radios for optimal line-of-site coverage



GrayBull Golf Club delivers a unique, world-class golf experience and its members expect the very best during their stay - to include seamless and reliable connectivity

Super WiFi is particularly effective for expansive outdoor use cases with its long range coverage and ability to withstand unusually harsh weather

Super WiFi's extended range can reach up to 10X that of standard WiFi Access points, which translates into the need for far fewer access points when compared to standard WiFi technology. Fewer access points means faster, lower cost deployments as well as savings related to ongoing maintenance and network management efforts.



Great care was taken with every aspect of the GrayBull Super WiFi deployment to minimize impact on the incredible vistas that are unique to Nebraska's Sand Hills

The Primary Super WiFi Access Point Deployed at GrayBull is Altai's AX600-S Outdoor WiFi 6 AP

The AX600-S is a cutting edge WiFi 6 access point designed to deliver exceptional performance over extreme distance with high reliability in challenging environmental conditions. The AX600-S is a dual band AP with sectored antennas emitting a 60 degree beam for bi-directional connectivity for up to 1 kilometer.



Max. LOS CPE	3 km (2.4 GHz)* 2 km (5 GHz)*
Max. LOS Smartphones	1 km (2.4 GHz)* 800 m (5 GHz)*
Max. Data Rate	574 + 1201 Mbps*

About Krystp Wireless

Krystp Wireless is Altai Technologies' Distributor for North America with offices in Kansas City, Toronto and Grand Bahama focused on building scaled distribution for Altai's product line through a network of highly qualified integrator partners.

Contact Krystp Wireless to connect with one of our qualified integrator partners:

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