

Case Study

1623 Farnam – ALLO Case Study *Hosting A Nebraska-Based Fiber Network*



Overview

ALLO provides fiber telephone, long distance, broadband, internet and television to residents and businesses across Nebraska and Colorado. ALLO has completed fiber builds to provide service to 12 cities across Nebraska and Colorado, making up to 1 Gbps Internet available to more than 390,000 people within their service areas.

1623 Farnam's Edge Interconnection Facility is located in the heart of Omaha, Nebraska at the nexus of the country's North/South and East/West fiber routes. Their prime location in the center of the United States allows them to provide low latency network access to all corners of the nation. Its facility, which is currently undergoing a \$40 million expansion, offers state of the art technology to its customers and boasts its very own private internet exchange, the Omaha IX. Omaha IX provides private connections to its 26 members. 1623 Farnam is also conveniently located only X miles from the largest Google Cloud node in North America, allowing customers to establish cost-effective connections. Their facility also offers access to major cloud providers such as Megaport, Windstream, Google and more.

Challenge

As ALLO continues its journey to provide connectivity in all verticals throughout Nebraska and Colorado, they are seeing a large opportunity for growth. From residential to business and government, ALLO strives to obtain the largest percentage of market share in their regions as the premier fiber network provider. The 2020 COVID-19 pandemic reinforced ALLO's value to its customers and non-customers alike, as the workers were forced to work from home at an unprecedented rate. ALLO continues to see a significant uptick in residential fiber builds to create more bandwidth. This has made the need for a reliable regional data center all the more important for ALLO.

ALLO customers have also expressed the need for connections to ALLO's AWS and Azure services. Business and Government customers require secure connections to these providers, and residential consumers also demand access to high volume content providers such as Google, Facebook and Netflix. This presents ALLO with the challenge of providing these services and connections while keeping costs low.

Solution

1623 Farnam, also located in Omaha, is able to provide ALLO with convenient connections to the nation's fiber networks and to various cloud providers. 1623 Farnam's Edge Interconnection Facility is located at the nexus of North/South and East/West fiber routes that run throughout the U.S., allowing all companies with connections hosted in their facility to access all corners of the map. For this reason, ALLO selected their facility as the primary host for their Nebraska networks, drains to the internet, caching and service platform. 1623 Farnam's advantageous location at the center of the nation and in proximity to the Google Cloud along with other established cloud partnerships has allowed ALLO to continue to provide quality service for their customers since 2014.



"1623 Farnam provided legitimacy a decade ago and now that ALLO is approaching 100,000 lines, it provides a consistent, professional communications center that ensures we can continue to meet customer demands. As we grow our regional presence, 1623 Farnam is an important partner today and for the next decade."

Brad Moline,
President of ALLO