



# Presentation to Council

July 11, 2023

# About MCSnet

MCSnet of is a family-owned and operated business based in St. Paul, Alberta. Founded in 1995, MCSnet is one of Canada's largest Wireless Internet Service Providers (WISPs) in operation within the telecommunication industry.

We are never satisfied with the status quo and have always searched for innovative ways to deliver high speed internet services. It started off with finding something faster than dial-up.



## MCSnet Today

Today, we serve over 26,000 customers throughout northeastern Alberta and a small section of northwestern Saskatchewan.

We have invested in and built an internal network of over 540 fixed wireless towers, 3 fiber-to-the-premise (FTTP) communities, and we are a pioneer in our ever-expanding GigAir technology.

Since 2015, MCSnet and its family group of companies have prioritized its capital investments on building Transit Fiber to connect MCSnet's core, fixed-wireless internet towers. This Transit Fiber backbone gives us the ability to continue our scalability for future high speed internet demands.



GigAir uses 60 GHz technology to form a mesh or web-like network within your neighbourhood. This service requires a short distance between connections and an unobstructed view of the surrounding neighbourhood, which makes it ideal for towns, villages, hamlets and industrial parks. MCSnet is a leading provider in this smart technology and plans to expand this service throughout its network and beyond.



# Why is GigAir a good alternative to fiber?

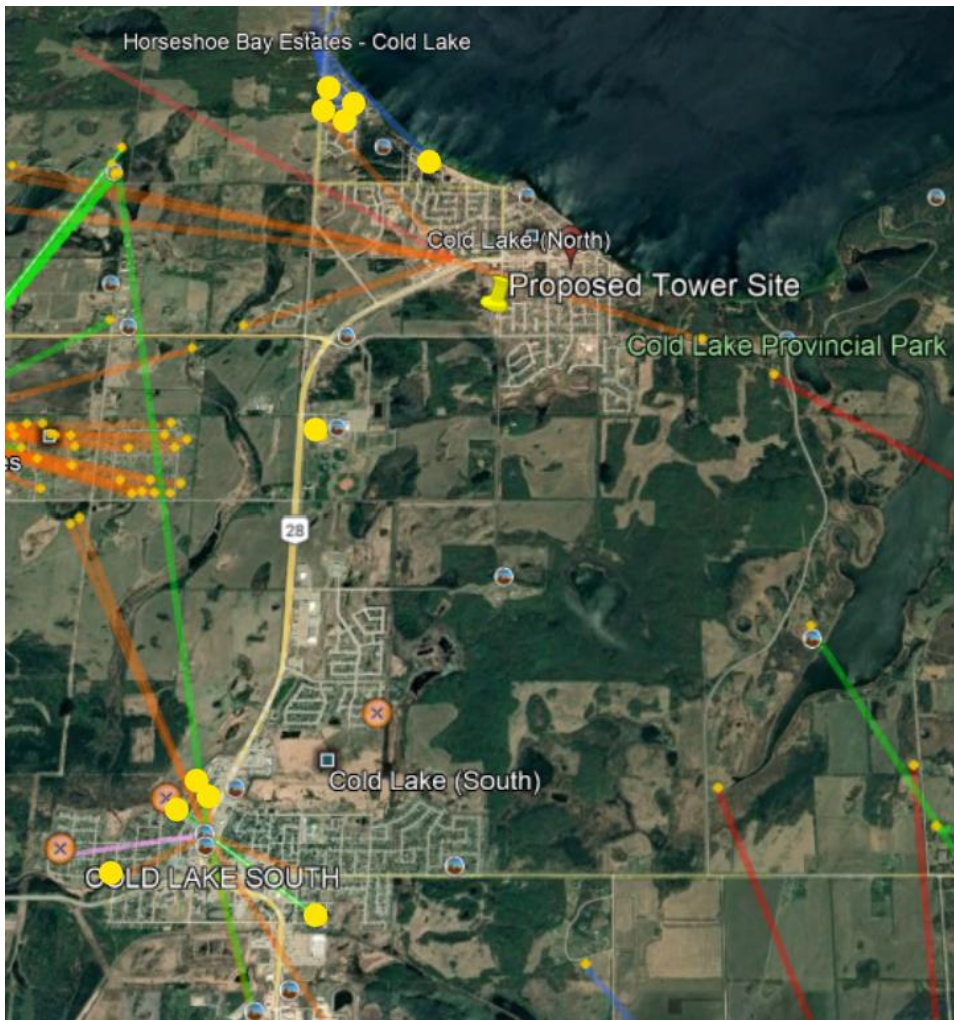
The high population density within cities, towns, and villages is optimal for our new 60 GHz technology that provides fiber speeds through the air. GigAir requires less financial investment and minimal infrastructure disturbance compared to buried fiber and it isn't dependent on a limited construction season. This translates into an easily scalable and inexpensive way to offer full gigabit speeds.



# GigAir Residential Plans

Package	Top Down Speed	Top Up Speed	Monthly Traffic	Monthly Price
GigAir Unlimited	1000 Mbps	1000 Mbps	Unlimited	\$89.95
GigAir Ultra	1000 Mbps	1000 Mbps	2,000 GB	\$69.95
GigAir Advanced	1000 Mbps	1000 Mbps	500 GB	\$49.95
GigAir Basic	1000 Mbps	1000 Mbps	200 GB	\$39.95





MCSnet continues to specialize in rural connectivity.

GigAir gives Cold Lake City residents another alternative for high speed internet at a competitive price.

In order to reach residents on the north side of Cold Lake, we are seeking an opportunity to build a new tower that would assist us in launching GigAir. We are requesting access to the Cold Lake Shop Yard

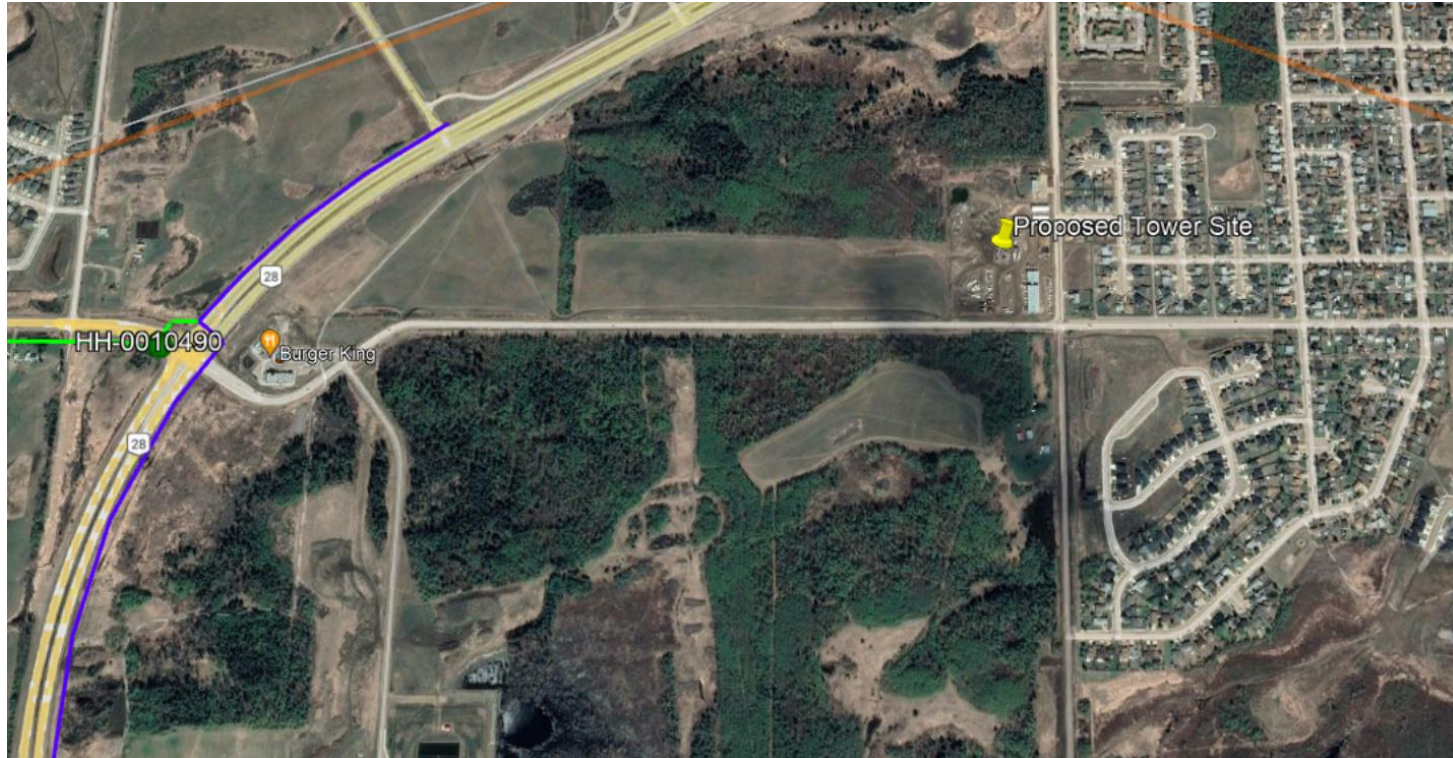
The City of Cold Lake Public Works Shop is home to several towers already. There are two telecommunication towers which are not shown here. Due to the nature of their signal we cannot co-locate on either of these towers.

The tower immediately beside the City Shop houses city equipment. This tower is heavily used and co-locating onto it would be problematic.

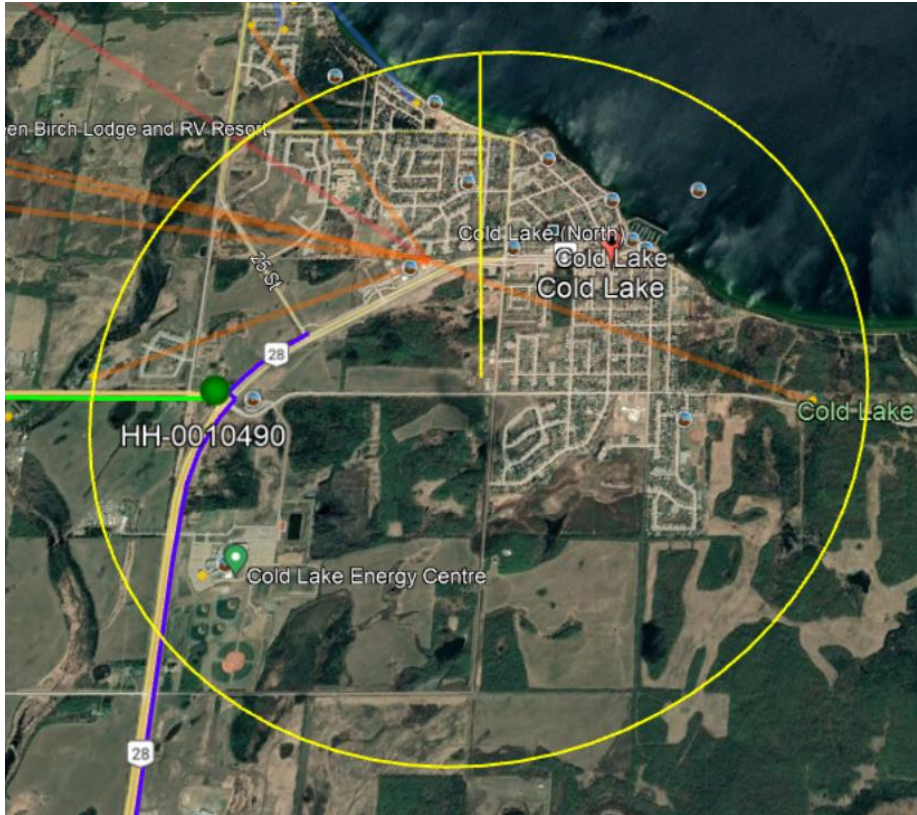




Our plan is to extend our fiber into the city along 16th avenue in order to connect it to a MCSnet tower located in the Public Works yard.



# Reach of the proposed tower location



By installing a new tower in the Shop Yard and connecting it to MCSnet's existing fiber network, we will be able to service city residents with GigAir and MD residents with enhanced rural broadband.

# Municipal Partnerships

MCSnet is committed to working with municipalities to leverage existing assets to create project efficiency and potentially lower final project costs. MCSnet is willing to contribute towards broadband projects to build a mutually-beneficial network.



# Thank You!

