



# AXSERA

*Supporting your network*

## CUSTOM TELECOM SOLUTIONS

Axsera designs and builds specialized communications networks



**With many decades of experience** across Canada and many other countries, the Axsera team undertakes projects where wireless telecommunications form an important component of the final network.

We invite you to see how a variety of telecom techniques can be used in various parts of a custom network.

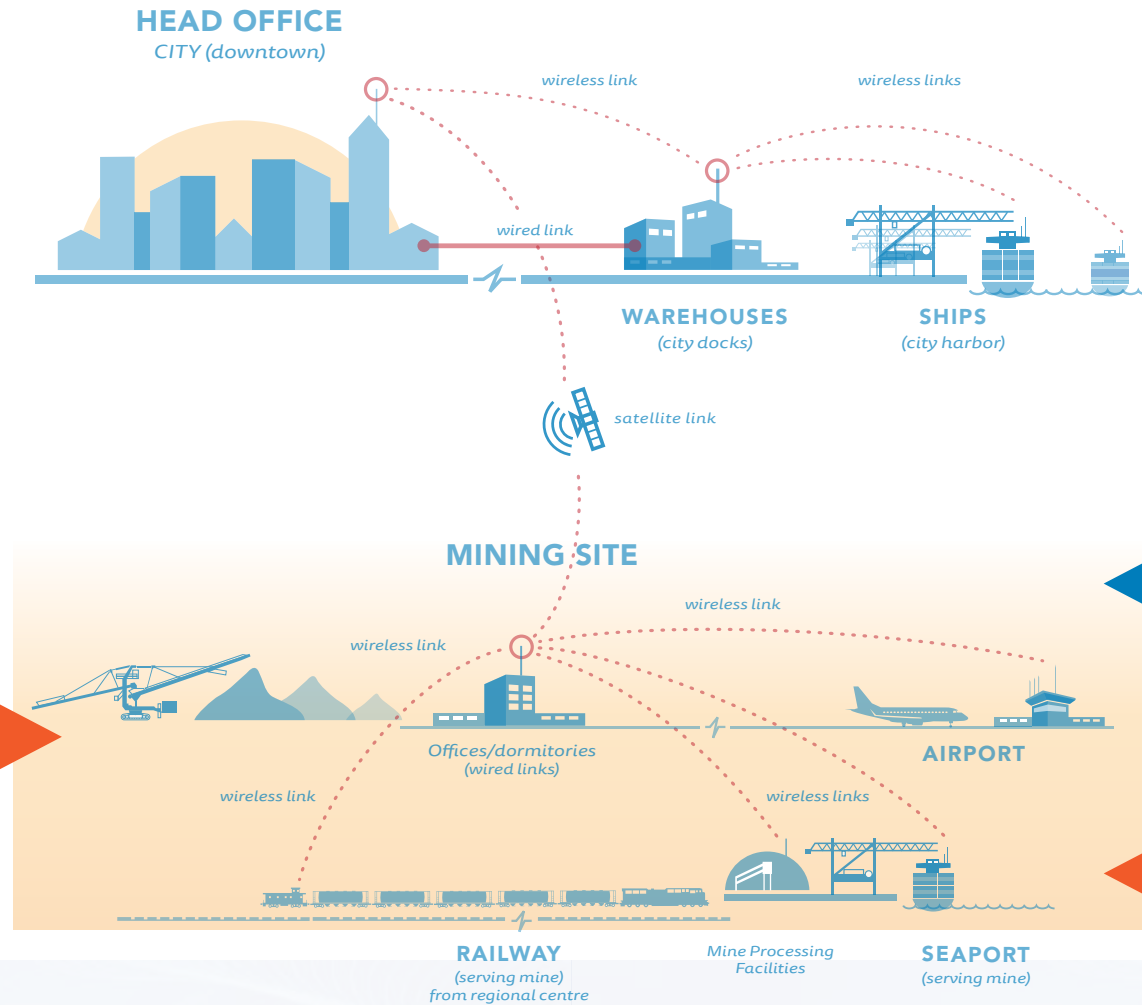
[www.axsera.com](http://www.axsera.com)

## CUSTOM TELECOM SOLUTIONS

**AXSERA** designs and builds wireless communications networks for companies with challenging needs.

This example shows the network for a company wishing to communicate with its urban and distant operations.

For communications between its offices located around the city and the harbor, the company leases telecommunication lines from the public carriers. However, to connect to its ground vehicles and ships at dock or waiting in surrounding waters, the company operates its own private telephone and data communication network. The video security network at the port uses a combination of wired and wireless communications techniques.



### VIDEO SURVEILLANCE

Where high-value material is processed or transported, video surveillance enables security personnel to monitor activities. A combination of wired and wireless communications is used, as appropriate.

### MINING SITE

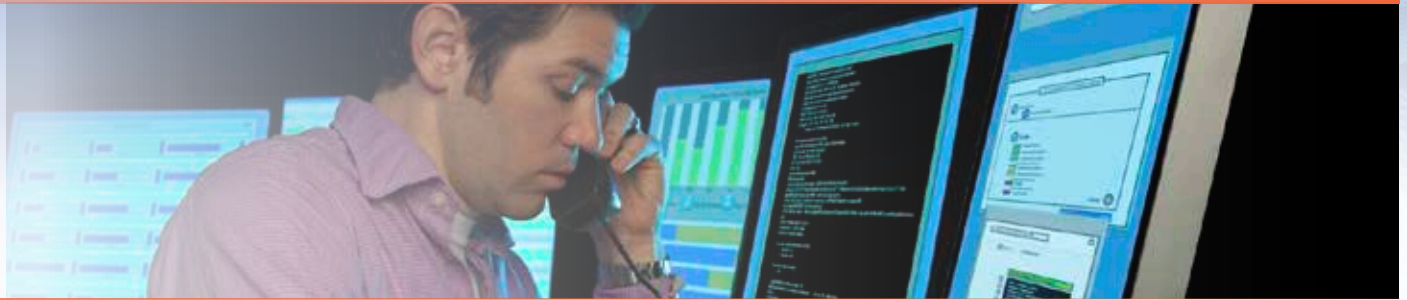
In a very remote region, no public telephone services exist. To connect the region to the head office and the public telephone network, the company leases satellite channels.

Depending on the case, permanent buildings and processing plants are connected using a cabled solution or a wireless solution. For less permanent installations or where terrain or distances do not permit, radio communication is used.

Radio communication connects the remote airport to the field office, as well as along the railway to the remote seaport and ships.

### REMOTE SEAPORT

A wireless network connects the ships docked around the seaport, the port's material processing facilities, and the trains on the railway, to the regional center.



## FINDING THE BEST SOLUTION...

Axsera's goal is to provide customers with reliable solutions for their telecommunications requirements.

Working closely with a customer's specialists, Axsera defines performance requirements and constraints for a project. After understanding the immediate and future requirements, as well as constraints, Axsera develops possible approaches to the project, including wired, fiber, and wireless.

In consultation with the customer, the most suitable approach is chosen, leading to a clear definition of the project, the execution time, and the costs involved.

## AXSERA'S SCOPE OF PROJECTS

Axsera Inc. is a Canadian company headquartered in Montreal, Canada that offers its customers a wide range of technical services. Our management and engineering staff have extensive experience in the wireless telecommunication field.

Axsera can undertake whole projects, or portions of projects where wireless expertise is essential. *We would be pleased to discuss your next project.*



Axsera's headquarters, conference facilities, and laboratories are located at:

### **AXSERA Inc.**

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