

STARLINK

Starlink Increases AquaChile's Download Speeds By 110X, Reduces Latency by 12x, And Connects Remote Communities

AquaChile, the largest salmon farmer in Chile and the second largest in the world, supplies food to over 150 million people globally each month. Many of AquaChile's sites are in remote areas of southern Chile, where securing stable, high-speed internet has historically been a challenge.



Prior to Starlink, AquaChile relied on geostationary satellite technology (GEO) for internet connection, averaging 2 Mbps for both upload and download speeds, with latency around 1000 ms. This made it “practically impossible to carry out videoconferences, transmit video from security cameras and [operate] other technologies that required higher bandwidths.” Additionally, their GEO equipment was very sensitive to conditions on and near the water, leading to “constant connectivity problems.”

AquaChile's expanding operations required a reliable internet connection, but their existing GEO technology was obstructing productivity and growth. The constant connectivity issues were affecting essential functions and efficiency across various sites.

STARLINK

SOLUTION



A Starlink mounted on a fixed land spot near water

To-date, AquaChile has deployed Starlink to 80 sites. With average speeds of 220 Mbps down and 24 Mbps up, and latency reduced to ~40 ms, AquaChile's remote sites now able maintain reliable communication channels and more efficient business operations. Starlink's deployment enabled live video conferences, VoIP calls, real-time video surveillance, and seamless transmission of data from sensors and IoT devices.

110x

Improvement in Download
Speeds

1,100%

Improvement in Upload
Speeds

12x

Reduction in Latency

STARLINK

EXPANDED IMPACT



With Starlink, AquaChile's employees and business partners can "communicate with loved ones, access telemedicine, and visit social media networks and entertainment services."

Beyond their worksites, AquaChile has deployed Starlink neighboring regions such as Puerto Eden and rural schools in the Aysen regions, giving free internet to communities who previously were unconnected.

Indeed, the community of Puerto Eden, home to 80 Chileans of the indigenous Kawésqar people, is one of the most isolated communities in the entire world. Before the arrival of Starlink, contact with the outside world was only possible through a several hour boat ride. Now Starlink has given them a "window to the world", where they can access telemedicine, educational opportunities, and connect with distant family members.

"At AquaChile, using Starlink technology has significantly improved our operations in geographically dispersed sectors in the south part of Chile. Many of these sectors are in their most remote areas not only of Chile, but also of the world."

For more information on Starlink Fixed Business or Starlink Maritime, visit starlink.com