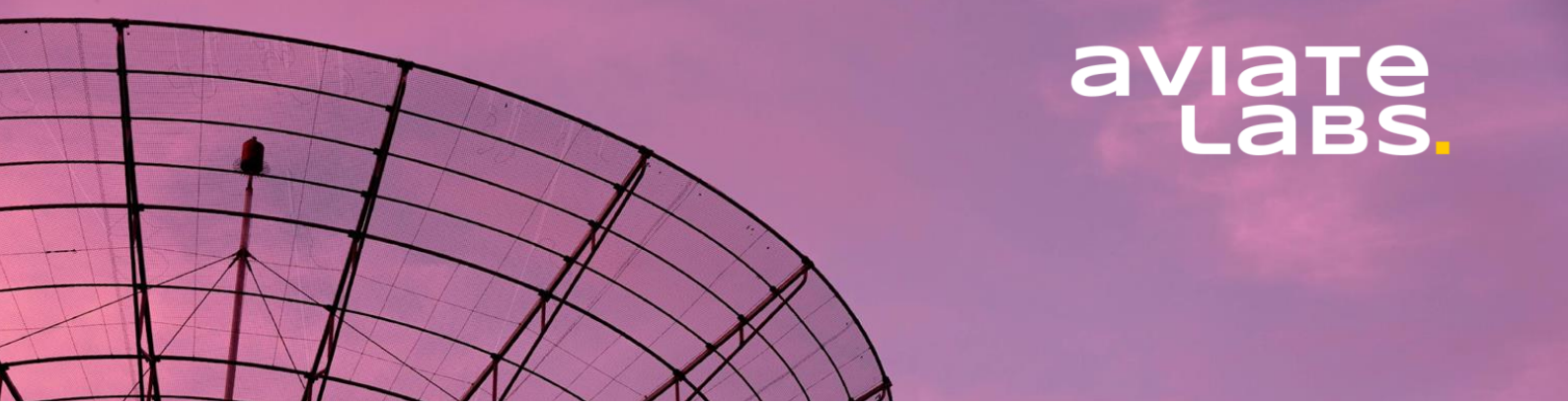

Decentralised Internet Infrastructure

What?

If we are striving for a true “internet for the people”, decentralisation needs to be applied on the infrastructure level. The internet we know today is on the path to being dominated by big tech. If costs can be reduced, availability increased, and secure standards can be implemented for infrastructure, more decentralized applications become feasible. For example, the *Helium network* takes the approach of creating decentralized wireless infrastructure.

Why?

Today we trust a handful of big corporations to be stewards of the internet. But with no clue about how our data is used. This is often the motivation for **pursuing a decentralised future**. And of equal importance, decentralized infrastructure can increase accessibility to the internet. Replacing routing networks with **peer-to-peer mesh networks** can bring about significant cost advantages, making it easier to set up such a network in cities and potentially remote areas. Think of all the **remote communities** that would greatly benefit from being able to connect and access basic internet services.

How?

Several projects are attempting to establish decentralised infrastructure for a blockchain-based internet alternative. These projects often face challenges, such **as attracting enough users** and service providers to make the **network competitive and performant**. There are a variety of technologies that exist today that can serve as a building block to this infrastructure. One example is **satellite internet** from low Earth orbit satellite constellations. Can you devise a model or strategy to utilize such technologies or combinations to tackle the hurdles of pursuing a decentralized internet infrastructure?

Visit case:

aviatelabs.co/holy-hack