



WIS@Key & Casper Labs Will Revolutionize Supply Chain Management

How we are connecting IoT devices to satellites to track goods on the Casper blockchain

Bold Ambition

The WIS@Sat.Space constellation launched with SpaceX enables the direct connection of satellites to IoT devices. WIS@Key will soon have so many satellites in orbit that data from IoT devices anywhere on earth can be saved and protected on blockchain. Imagine an IoT device inserted in a vaccine supply box, so that health providers know the location of the supply and whether it has been compromised by someone opening the box or storing it at the wrong temperature. Data stored on the Casper blockchain provides critical, reliable communication on the location and condition of goods in the supply chain.

“There are an estimated fifty billion connected devices worldwide, ranging from sensors on critical infrastructure like the power grid or water supply to IoT devices that can track the condition of goods in the supply chain. Using the WIS@Sats orbiting space satellites, we can securely relay data to the Casper blockchain where a single source of truth accelerates how business gets done.” – **Carlos Moreira, Founder, Chairman & CEO, WIS@Key**

Challenges

- How to guarantee the condition and location of products in the supply chain?
- How to use this data to manage demand for products that may be in short supply?
- How to ensure that nobody can tamper with the data?
- How to speed up documentation for cross border transactions?

How We Helped

The expert team at Casper Labs specializes in making the adoption of blockchain easy and we are continuously innovating new use cases for blockchain technology. Now that WIS@Sat.Space has the ability to communicate with IoT devices in remote parts of the world, we can capture data that enables us to track high value assets and accelerate their distribution to the right location at the right time. Customs and cross border agencies do not need to plow through time consuming paperwork when blockchain can prove authenticity and automate cumbersome aspects of the supply chain process.

Why Casper Labs?

Casper’s proven ability to design innovative industrial applications for blockchain technology enables us to build and successfully implement game-changing solutions on blockchain for our clients.