

Customer Story

WIS@key

Description

WISeSat is the first cost effective and secure IoT connectivity solution to use picosatellites and low-power sensors to meet the needs of large IoT deployments in Supply Chain Management, Healthcare, Smart Farming, Energy, Logistics and more.

Highlights

- Installed base of 1.5 billion microchips in virtually every IoT sector
- Trusted source of truth for location and condition of goods 24/7

“Using the WISeSats 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, WISeKey

About

WISeSat space satellites, of leading global cybersecurity company WISeKey, revolutionize supply chain management by enabling live metering of data and asset tracking anywhere in the world. Satellite integrations for IoT devices relay real-time data to the Casper blockchain which securely binds physical objects to their immutable digital assets.

Challenges

- Inability to consistently track the condition & location of products, especially in remote locations
- Lack of trust and communication between supply chain stakeholders
- Massive shortages and delays in supply of goods worldwide
- Complex and unreliable cross-border documentation & distribution

Casper Labs Solution

- Connects IoT devices to the Casper chain via satellites for live data streaming.
- Our advanced upgradeable NFTs (CEP-78) enable the digital representation of physical assets data to evolve.
- Casper Labs provides permanent storage of all data with Hybrid network optionality depending on speed and privacy preferences
- Casper is built for interoperability with common systems (e.g., Javascript SDK) and easy adoption.

Outcomes and Benefits

- Cost-effective real-time tracking of high-value assets for accelerated distribution and demand management
- Reduced overhead costs for businesses, customs and cross-border agencies, saving time at checkpoints
- High degree of automation, simplified audits and proactive troubleshooting with real-time precision

Let's talk

Book a consultation with our Business Development team to discuss your business needs and potential solutions.

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