

Spacecoin: Cryptographic sovereignty beyond earth

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Cryptonauts Manifesto

To the technology pioneers, the misfits of earth's nation-states, anon builders, dropouts and underdogs, the digital nomads and distributed systems researchers, the social renegades, creators and subculture community cultivators.

Spacecoin is a celestially-distributed cryptographic substrate built on satellite network infrastructure. As humanity is prepared to re-engage in accelerated space exploration, we are elevating terrestrial crypto economies and preparing for the inevitable rise of extraplanetary jurisdictions.

Since Satoshi's introduction of Bitcoin, the concept of a digital peer to peer economy has unlocked a limitless positive sum playgrounds of coordination, financialization and creativity. However, that success is not without existential risk, particularly when accounting for powerful and sophisticated adversaries.

The ongoing space technology renaissance sparked by SpaceX's reusable rockets means it's increasingly more accessible to launch and deploy hardware into orbit. With Spacecoin, crypto primitives will run on extraplanetary infrastructure, safeguarding the continuity of free market tokenization.

Spacecoin is embarking on a stellar venture into the frontiers of space, technology and finance.

Early settlers of Spacecoin are a diverse array of pioneers, drawn by the allure of exploration, the promise of innovation, and the potential for groundbreaking research.

Space is the final frontier befitting of a truly cypherpunk future - one without the mounting limitations of terrestrial bureaucracies. A future of truly tamper-proof and cryptographically secure systems requires foundations that cannot be easily shaken. By introducing the innovation of a space-based trusted party, we take a critical step to expand cryptographically-secured free markets beyond the arbitrarily drawn borders on earth.

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One may ask: Why do we even need to bother building a trusted party in space?

Spacecoin's nodes are orbiting in perfect physical isolation and thus provide for a tamper proof compute platform, enabling multitude of cryptographic applications.

- Cosmic randomness beacon
- Threshold signing schemes
- Timestamping and auditability
- Key management applications
- Extra planetary sovereignty
- Validator diversification

The journey into the extraterrestrial realm will initially be challenging, much like navigating the tides of cosmic phenomena. However, historically, unbounded opportunities lend themselves to early adopters and tinkerers. The accelerating rate of innovation in the space industry is a perfect opportunity for cryptonauts to establish a foothold in the nascent frontier.

It's becoming clearer that the Interplanetary Space Age is upon us, yet, there was no financial system thought through for the interstellar environment. Spacecoin expands the terrestrial financial systems into space, safeguarding the continuity of free market tokenization.

Nerds, you are called for a mission to build novel crypto systems for the space frontier!

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