

About SpaceTech Analytics

SpaceTech Analytics is a specialised think tank in the area of SpaceTech innovation profiling, business intelligence, and investment analytics. The company is dedicated to producing powerful data mining and visualisation systems; interactive analytics tools; and industry reports offering deep technical insights, business intelligence, and strategic guidance in the high-growth and significant opportunity areas of the SpaceTech industry.

Blockchain in SpaceTech is a joint case study focuses on the relationship between the two of the most fast-developing frontier sectors: SpaceTech and Blockchain. With 2021 nearing its' end, there have already been several successful applications of the blockchain technology in SpaceTech industry. The basis of the case study is the accumulated information on **40+ companies**, that are involved in both the sectors. As it stands, the sector shows huge prospects towards expansion and growth in the near future.



The ways **SpaceTech** and **Blockchain** industries could connect and integrate with each other are numerous, starting with tokenizing of space assets, supply chain applications and many others like security, data, financing and sustainability issues. As blockchain moves into outer space, its ability to tokenize spacecraft and payloads could help in massive upcoming space projects such as the international, collaborative **Gateway space station** NASA wants to build in lunar orbit.

40+
Companies

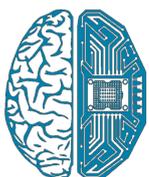
40
Investors

7
ETFs

2
Industries

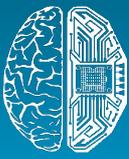
Key Takeaways from this Joint Analytical Case Study:

- **Blockchain** as an industry has recently developed into a major sector in the economics. The market for its' application has grown **exponentially** in the second decade on twenty-first century. As blockchain technology can have **different forms and applications**, the market also varies in terms of spheres of appliance. Currently the largest forms of usage are **Payment Systems** and **Exchanges**, as cryptocurrency markets have been on the rise in the period of 2010-2021.
- The direction of blockchain in space is only in **its infancy** and at the moment there are not too many companies specializing exclusively in the intersection of these two industries, therefore, the leaders are represented by a **fairly limited number of companies**.
- As of 2021, there have already been several cases of the **Core SpaceTech companies** applying blockchain technology in their operations. Although the application was not to the SpaceTech division of their business, such occurrences show the **possibility of integration** of blockchain into the SpaceTech sector.
- The options that blockchain offers to SpaceTech could be used to further optimize and improve the industry. Such technologies as **tokenization** allow for access to **cryptocurrency** markets for **investments** as well as provide additional security in terms of ownership rights to the holders.
- Despite the **extreme advancement** of both spheres of blockchain and space, due to the nature of the first sphere, **no establishment** has yet been found that can take over the authority to **regulate** the intersection of these two spheres.



SpaceTech Analytics

SpaceTech Analytics (STA) is a strategic analytics agency on markets in the Space Exploration, Spaceflight, Space Medicine, and Satellite Tech industries



Blockchain in Space by Research Field Q4 2021

Companies – 42
Investors – 40

Full Spin
Companies
Investors

Spin-off

Spin-in



Regional redistribution of Blockchain is Space investors

