IAF HUMAN SPACEFLIGHT SYMPOSIUM (B3)
Commercial Human Spaceflight Programmes (2)

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ADVANCED SPACE SERVICE ACCESS APPLICATION TOOL: ASTRAX UNIVERSAL USER INTERFACE (U2U)

Abstract

The era of space travel, where anyone can go to space, is coming to life. But there is no special application tool that can be used for supporting to live in space, on the Moon, or on Mars for space tourists yet. In ASTRAX, we are developing the Universal User Interface (U2U) as an application tool that space service providers use to input space products and space services into this platform or to get what customers need. This means that all users, both space service providers and space customers such as space travelers, are identified by blockchain technology, and all supply products and services and all demand needs are managed, matched and provided by the blockchain. It looks like Amazon application but not only for on the Earth, U2U can be designed to use before and during space flight and staying on the Moon or Mars. We call this space platform the Universal Service Platform (USP).

Furthermore, all value standards required for use and provision are matched using the Solar System Common Value Standard (ASTRAX VALUE) that works on U2U. This is similar to a cryptocurrency, but it cannot be converted into cash. It is a common value standard that is determined instantaneously between the person who creates and enjoys goods and services.

At ASTRAX, many people have applied for space travel, such as those who have experienced weightlessness, those who have taken courses, those who have listened to lectures, those who have participated in tours, lunar city members, advisory companies, and so on. We have established a connection with a related customer list, and we are creating a limited platform, limited tools, and temporary value standards (ASTRAX VALUE) for those people and services. This platform will be an open source platform, and users will be able to add products and services on their own, which will be used by customers without permission. For example, one can apply for space travel using these tools (ASTRAX USP, ASTRAX VALUE, ASTRAX U2U), and everything they need for space travel is available.

In addition, ASTRAX's product development, service development, business development, human resource development, training and rehearsal systems will all be integrated so that humans can provide everything they need to live anywhere in the solar system. This is our ultimate goal.

In this paper, details of ASTRAX U2U (Universal User Interface: Space Service Access Tool) will be introduced.