

19th IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND
DEVELOPMENT (D3)Strategies & Architectures as the Framework for Future Building Blocks in Space Exploration and
Development (1)

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ASTRAX LUNAR CITY DEVELOPMENT PROJECT 2021

Abstract

ASTRAX has been using the land on the Moon sold by Lunar Embassy in the United States for 14 years. Whether this land is legally valid or invalid will be left to another discussion, noting the fact that from 1980, the land has already been sold and owned by 6 million people worldwide for almost 40 years with most of them not being used at all. In other words, buying the land on the Moon is only a dream and has no actual use for most of these people. Therefore, ASTRAX decided to have corporations purchase land on the Moon. 300 companies have already bought a piece of land on the Moon through ASTRAX. For example, actual companies and businesses in various industries, such as cafes and restaurants, clothing shops and electronic shops, schools and hospitals, real estate and architectural studios, entertainment companies and singers, are now owners of the land on the Moon. Businesses started using land on the Moon in order to use a lunar address on their business card. After doing so, they are asked to think about what they want to do with the land. As a result, ASTRAX knows who has which land and what they want to do there. In addition, we have set up a lunar city concept by creating a community that connects these shops, companies, and organizations, and has also created a lunar economic zone. Through creating maps, applications, and shopping malls on the Internet, the number of ASTRAX Lunar City pioneering friends are increasing. Following the idea that these 300 companies would open stores on the Moon, they have realistically thought about products and services related to the Moon, created businesses, sold and offered them on the Earth without going to the Moon (ASTRAX was an institutional partner of Moon Village Association and ASTRAX Lunar City is a top gold sponsor of 3rd International Moon Village Workshop and Symposium). Services using the Moon have already begun. If necessary, you can use a zero gravity flight to simulate the Moon gravity. Community colleagues can also collaborate to create new services for each other. Once a Moon base facility similar to the Hawaiian HI-SEAS Mars base facility starts operating, we can use it too. The virtual city concept using Virtual Reality is also progressing. In this paper, many challenges and experiences have been faced by ASTRAX to develop the Moon will be introduced.