

## A. L. I. Collaborates with AMD to Develop Cloud 3D Rendering Service with Blockchain-Based Payment System

A.L.I. Technologies Inc.

Tokyo, 01.02.2019 – A.L.I. Technologies Inc. (A.L.I.) (Tokyo, Japan) today announced an agreement with AMD to develop a cloud 3D rendering service with a blockchain-based payment system. The industry's blockchain-based hash power lending service, "3D Rendering Power Pool" will enable efficient, cost-effective cloud-based 3D rendering\*<sup>1</sup> applications utilizing A. L. I.'s edge computing system and the AMD Radeon™ ProRender physically-based rendering engine.

3D Rendering Power Pool enables users to perform real-time 3D rendering in the cloud by utilizing A.L.I.'s edge computing systems equipped with AMD Radeon™ RX Vega 56 and 64 graphics cards. A. L. I.'s distributed computing system will manage the required GPU tasks for the power pool in real time, providing an authentication and charging system based on blockchain technology.

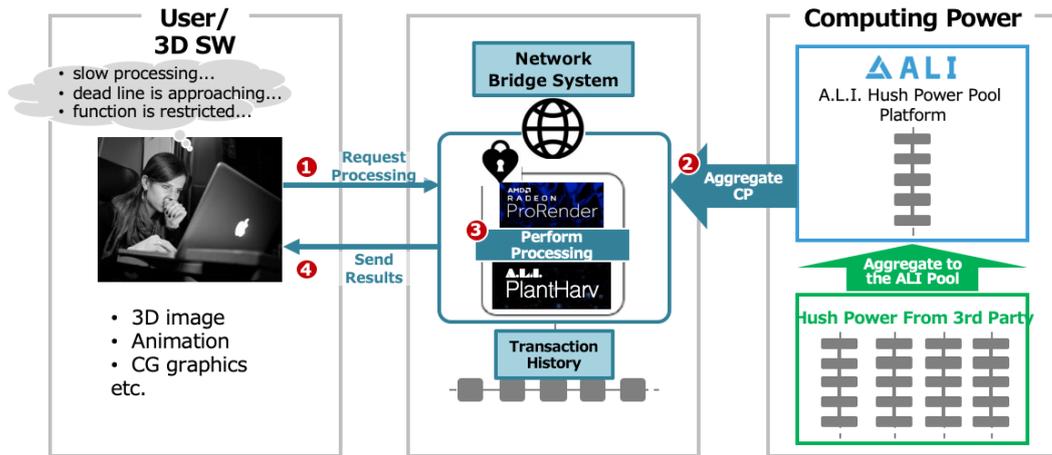
Demand for video production with 3D rendering is growing globally\*<sup>2</sup>, with the use of 3D rendering technology in video production expected to increase to 26.7 billion USD (JPY 3 trillion approx.) in 2020 from 13.1 billion USD (JPY 1.4 trillion approx.) in 2017. 3D Rendering Power Pool dramatically reduces rendering processing time and the initial technology investment by enabling the utilization of cloud computing resources when required.

At the same time, as the level of computing power required for 3D rendering is rising we anticipate that the cost of the necessary computing equipment will also rise. With the 3D Rendering Power Pool, vendors can develop Software as a Service (SaaS) business models that allow users to utilize the computing power and capabilities necessary for 3D rendering as much as needed, when needed and according to usage records.

"We're delighted to work with A.L.I. to harness the advantages of blockchain technology to provide powerful 3D rendering capabilities for new and existing customers," said Joerg Roskowitz, director of product management, Blockchain Technology, at AMD. "Our combined solution will help customers meet the new levels of computing power required for next-generation 3D rendering easily and cost-effectively."

Both companies will work together to achieve realizing a world where a user easily produces advanced 3D video image cost effectively through 3D Rendering Power Pool technology.

<The conceptual image of 3D rendering power pool>



\*<sup>1</sup>3D rendering is the technology that generates and displays an image with colors and shadings with 3D graphics through computing.

\*<sup>2</sup>Market size is calculated by the total of 3D rendering software market size and 3D animation market size. Source; Grand View Research, Inc. “MarketsandMarkets”

<About A.L.I.>

With corporate mission, “Create a future society by generating innovations in various spaces,” A. L. I. operated air mobility business, preparing to sell the world’s first hoverbike for practical use in 2020, product business, utilizing blockchain technology, development business, drone related products and technology consulting business.

In recent years, A.L.I. contracted technical feasibility study of the Drone Highway Concept for Tokyo Electric Power Company Holdings, Inc. (TEPCO), built an alliance with FAI (International Aeronautical Federation) for the Drone Racing World Cup and developing the P2P Power Trading System by the blockchain technology with MINDEN (Social Energy Company). A.L.I. will keep reaching beyond existing ideas and continue to innovate by developing technology oriented products such as drone, blockchain and Artificial Intelligence.

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