

News Release

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MATRIX successfully accelerates AI world generation rate by about 35%

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Metaverse advanced technology research organization “MATRIX GENESIS LABS” operated by MetaReal Group’s MATRIX Co., Ltd. (Head office: Chiyoda-ku, Tokyo; Representative Director: Junichi Goishi; hereinafter “MATRIX”) has succeeded in accelerating the automated generation of Metaverse worlds using artificial intelligence by 35%.



Video can be viewed here:

<https://youtu.be/MyRrfbA5uQo>

### **About automatic world generation acceleration**

Project Genesis, MATRIX’s Metaverse automated world generation technology, requires a huge amount of computational power. Up until now, it has taken about 60 seconds to generate a single world.

MATRIX GENESIS LABS has succeeded in compressing the world generation rate by about 35% by extending the computational power and adjusting the technology’s algorithms. As a result of these improvements, it now takes about 40 seconds to generate a world.

### **Significance**

We believe that this achievement is of essential significance, not only because the technological progress has shown that further increases in speed can be expected, but also because it makes it easier for anyone to generate a Metaverse world without specific technical knowledge through collaboration with AI.

### **Deployment**

In the future, MATRIX GENESIS LABS will verify the concrete benefits of faster speeds, and in specific terms, the integration of world images with high-definition and 6DoF technologies.

### **About the publication of the beta version**

Project Genesis will soon be available as a beta version on our reality Metaverse platform, DOKODEMO Door (<https://dokodemodoors.com>).

By having people experience this technology, we will be able to achieve one of the goals of our Metaverse project, and at the same time, we will identify and refine the challenges of "Project Genesis."

### **About MATRIX Inc.**

Established in September 2020 as a subsidiary of MetaReal Co., Ltd. (formerly Rozetta). Developed reality Metaverse platform "DOKODEMO Door" with the corporate vision of "Eliminating disparities and discrimination in the old reality, such as borders, language barriers, physical differences, knowledge gaps, and all other handicaps."

<https://www.matrix.inc>

### **About MATRIX GENESIS LABS (MGL)**

The Metaverse advanced technology research organization "MATRIX GENESIS LABS (MGL)" imagines how various advanced technologies such as artificial intelligence and Web3 will affect the way we live in the Metaverse space in the future. We are a prototyping team that will continue to publish "touchable visions" at high speed by experimentally integrating and implementing these conceptual technologies while they are still at the earliest stage.

### **About MetaReal Co., Ltd.**

Corporate mission: "Liberate mankind from the limitations of place, time, language, and the physical"

AI, AR (Augmented Reality), VR (Virtual Reality), 5G/6G/7G (high-speed, large-capacity, multiple simultaneous connection communication), 4K/8K/12K (super-resolution video), video distribution

By integrating the latest technologies such as solutions, wearable devices, robots, and HA (Human Augmentation), people from all over the world can interact, live, work, and enjoy their lives "anytime, anywhere, and with anyone without the impediment of language." We will realize the goal of "global ubiquitous."

For the last two years, we have been focusing on the "Metaverse business" as a growth field, handled by our group companies MATRIX Inc. ("DOKODEMO Door") and TravelDX Co., Ltd. ("DOKODEMO Door Trip").

Company name: MetaReal Co., Ltd.

URL: <https://www.metareal.jp/>

Location: New Kudan Building, 3-7-1 Kanda Jimbocho, Chiyoda-ku, Tokyo

Representative: Junichi Goishi, Representative Director

Established: February 2004

Business description: Language barrier-free services through AI translation; planning, development and operation of VR life services

### **Inquiries regarding this matter**

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