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Beijing 51WORLD Digital Twin Technology Co., Ltd.

北京五一视界数字孪生科技股份有限公司

(A joint stock company incorporated in the People's Republic of China with limited liability)

(Stock Code: 06651)

VOLUNTARY ANNOUNCEMENT – BUSINESS UPDATE

The board of directors (the “**Board**”) of Beijing 51WORLD Digital Twin Technology Co., Ltd. (the “**Company**”, together with its subsidiaries, the “**Group**”) is pleased to announce that, the Company has established a joint venture, Shenzhen Wanwu Linchang Intelligent Technology Co., Ltd. (深圳萬物臨場智能科技有限公司) (the “**Joint Venture**”), with Shenzhen Union Image Co., Ltd. (深圳聯合影像有限公司) (“**Union Image**”). The Joint Venture primarily focuses on addressing the core issue of “scarce real-world data” in the embodied intelligence industry, and launched the “hardware-software integrated” embodied intelligence data platform, AperData (the “**AperData**”) on August 18, 2026, which provides related products and services ranging from real-world data collection to deliverable and trainable data for the embodied intelligence industry.

To the best knowledge of the Company, Union Image is an independent third party and not connected with the Group. As the highest applicable percentage ratio calculated in respect of the establishment of the Joint Venture is less than 5%, the establishment of the Joint Venture would not constitute a notifiable transaction under the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited.

Information about Union Image

Founded in 2014, Union Image is a national high-tech enterprise specializing in the research and development (R&D), manufacturing, and services of camera modules, vision algorithm solutions and imaging systems. Union Image possesses full-chain, self-control capability spanning “module R&D – algorithm solutions – complete system integration”, with customers across South China, East China, North China, and overseas markets.

In embodied intelligence-related technologies field, Union Image’s products include the world’s first depth camera that integrates indirect Time-of-Flight (iTOF) depth sensor and Red, Green, Blue (RGB) vision sensor onto a single chip, which enables native synchronization and pixel-level alignment of color image and depth data, as well as widely applied in robotic grasping, production line quality inspection, and close-range human-robot interaction.

AperData Embodied Intelligence Data Infrastructure Platform

Since its official launch on August 18, 2026, AperData has received orders for more than 10,000 sets of products as of the date of this announcement, and the first batch of mass production and deliveries will commence at the end of August 2026. As a “hardware-software integrated” embodied intelligence data infrastructure platform that spans the full chain from “real-world data collection” to “trainable data delivery”, AperData has rapidly established its market position as a leading platform in the embodied intelligence data infrastructure sector by leveraging its three key advantages, which are “lower-cost effective data collection, higher-quality cloud-based processing, and shorter-cycle standardized delivery”.

Serving as the entry point of the embodied intelligence data, AperData continues to deliver the following core values to the industry. Firstly, leveraging its hardware-software integrated strengths, it achieves over 99% physical trajectory consistency for captured data, driving continuous growth in the volume of usable data for embodied intelligence. Secondly, supported by cloud-based automated AI processing capabilities and large-scale computing clusters, together with the Group’s years of expertise in intelligent driving simulation, AperData builds a large-scale end-cloud integrated data-driven closed loop. This helps robots evolve beyond recreational use to practical real-world scenarios and accelerates their adoption in human daily life. Thirdly, since its launch, AperData has been clearly positioned as a neutral third party. It does not conduct data collection or data sales itself. Instead, drawing on its existing product and ecosystem advantages, it will continue to build an industry data operation platform for embodied intelligence, facilitate efficient matching between data demand and supply sides, and accelerate the unlocking of industrial data value.

Reasons and Benefits of the Establishment of the Joint Venture

One of the critical constraints currently facing the embodied intelligence industry is the lack of large-scale, high-quality, real-world interaction data that can be directly used for model training. The capabilities of the Group and Union Image are highly complementary that, the Group has extensive experience in digital twin and data platform sectors, with the Dataverse platform maintaining an industry-leading position in full-lifecycle data management, but lacks professional hardware collection capabilities tailored to the real physical world. Union Image, with over a decade of experience in the R&D and manufacturing of camera modules and vision algorithms, a mature mass-production supply chain, and expertise in producing wearable collection devices, complements the Group’s capabilities. The parties will collaborate across “data platform capabilities” and “imaging hardware capabilities”, which will enable the Company to seize emerging market opportunities in embodied intelligence data infrastructure.

The establishment of the Joint Venture represents a key initiative in the Group’s “three-step” development strategy. As the first step, the SimOne platform, after years of deep cultivation in intelligent driving simulation, has now ranked first in the intelligent driving simulation platform market with the largest market share, establishing the technological and market foundation for data-driven simulation. As the second step, the Group is extending our digital twin and simulation expertise into the embodied intelligence data infrastructure sector, building the core infrastructure for the embodied intelligence era through AperData. Looking ahead, the Group plans to further extend its business into the aerospace sector, exploring related business opportunities, and striving to become a data and simulation infrastructure provider covering multiple sectors including intelligent driving, embodied intelligence, and aerospace.

Shareholders and investors of the Company are reminded that this announcement is published as a voluntary announcement to inform the public of the latest business developments of the Company. The business developments and forward-looking statements set out in this announcement would not constitute a guarantee by the Company of its future performance. Shareholders and potential investors of the Company are advised to exercise caution when dealing in the shares of the Company.

By order of the Board
Beijing 51WORLD Digital Twin Technology Co., Ltd.
北京五一視界數字孿生科技股份有限公司

Mr. Li Yi
Chairman of the Board, Executive Director and Chief Executive Officer

Hong Kong, August 20, 2026

As of the date of this announcement, the executive directors are Mr. Li Yi, Mr. Wang Chenkang, Ms. Du Jinyan, Ms. Tong Shan and Ms. Pu Ge; the non-executive director is Mr. Yang Gu; and the independent non-executive directors are Mr. Li Pan, Mr. Lin Chen and Mr. Zhang Lening.