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中软国际

CHINASOFT INTERNATIONAL LIMITED

中軟國際有限公司*

(Incorporated in the Cayman Islands with limited liability)

(Stock Code: 354)

VOLUNTARY ANNOUNCEMENT

Chinasoft and Shen Kaihong Jointly Launch China’s First OpenHarmony-Based Robotic Operating System M-Robots OS Ushering in a New Era of “Swarm Intelligence” for the Nation’s Robotics Industry

Chinasoft International Limited (hereinafter referred to as “Chinasoft” or “the Company”) issues this announcement as a voluntary disclosure to keep the public informed of the Company’s latest developments.

The Group is pleased to announce that on April 9, 2025, Chinasoft and its associated company, Shenzhen Kaihong Digital Industry Development Co., Ltd. (“Shen Kaihong”), jointly released China’s first distributed heterogeneous multi-robot collaborative operating system based on OpenHarmony– M-Robots OS (Multi-Robots OS) 1.0. This milestone marks a new phase in China’s development of robot operating systems, characterized by multi-machine collaboration and swarm intelligence, and offers a pioneering “China Solution” for the global robotics industry.

Powered by the OpenHarmony operating system, M-Robots OS is built on a hardware foundation supported by domestically produced multi-architecture chips. It is designed for scenarios involving collaborative operations among heterogeneous or swarm robots, providing a unified operating system base for robotics. The system enables seamless and efficient collaboration between various types of robots– including industrial robotic arms, assistive robots, and mobile work robots– while also empowering intelligent interaction between robots, humans, and their surrounding environments. Beyond enhancing the performance of individual robots, M-Robots OS breaks through key technical barriers in multi-robot collaboration, paving the way for the era of swarm intelligence in the robotics industry.

M-Robots OS delivers four key differentiating capabilities:

- 1) **Real-Time Multi-Robot Collaboration:**
Featuring ultra-low interrupt latency (under 1–3 microseconds) and task switching latency (under 1 microsecond), the system meets the stringent requirements of use cases such as robotics, drones, industrial control, and autonomous driving.
- 2) **Broad Hardware Compatibility:**
It supports a wide range of robot types and brands, enabling unified management and efficient utilization of heterogeneous hardware resources.
- 3) **AI-Native Architecture:**
Equipped with built-in AI frameworks and algorithm libraries, M-Robots OS empowers robots to autonomously optimize task strategies during operation, facilitating seamless human-machine interaction and significantly enhancing productivity.
- 4) **Low-Barrier Development:**
The system offers a rich set of APIs and toolchains to accelerate the deployment of industry-specific applications, lowering the development threshold for ecosystem partners.

M-Robots OS adopts an open-source approach, driven by the open-source community to establish unified standards— such as standardized communication protocols and message formats. This enables compatibility across hardware and software from multiple vendors, significantly reducing development costs, enhancing system resilience, and supporting continuous evolution. Ultimately, it fosters ecosystem growth and drives industrial upgrading.

M-Robots OS has already been validated in scenarios such as industrial robotic arms and collaborative robots. The Group will work with Shen Kaihong and partners in Guangdong Province to carry out commercial testing on industrial production lines. Looking ahead, the Group will join forces with ecosystem partners to develop related products and industry-specific solutions based on M-Robots OS, promoting its application across sectors such as intelligent manufacturing, elderly care, education, logistics, healthcare, and energy.

The release of M-Robots OS marks a significant breakthrough in the field of robotic operating systems. It not only addresses pressing challenges in the current robotics industry— such as ecosystem monopolies, redundant technological investment, and fragmented standards— but also provides strong technical support for multi-robot collaboration in complex future scenarios. The Group will continue working closely with its partners to advance and enhance M-Robots OS, helping position China as a global hub for innovation in artificial intelligence and robotics.

ABOUT SHEN KAIHONG

Shenzhen Kaihong Digital Industry Development Co., Ltd. (“Shen Kaihong”) is an ecosystem platform company dedicated to developing industry-specific operating system distributions based on OpenHarmony. The Company focuses on root technology R&D for KaihongOS and continuous innovation of an integrated device-edge-cloud management platform. Shen Kaihong provides a unified and secure digital foundation for intelligent transformation across various industries. Its founding shareholders include Shenzhen Capital Operation Group Co., Ltd. (a state-owned enterprise under the Shenzhen SASAC), Hubble Technology Investment Co., Ltd. (a wholly owned subsidiary of Huawei), and Beijing Chinasoft International Information Technology Co., Ltd.

By order of the Board
Chinasoft International Limited
Dr. Chen Yuhong
Chairman and Chief Executive Officer

Hong Kong, 10 April 2025

As at the date of this announcement, the Board comprises three executive Directors, namely Dr. Chen Yuhong (Chairman and Chief Executive Officer), Dr. He Ning (Vice Chairman) and Dr. Tang Zhenming, two non-executive Directors, namely Dr. Zhang Yaqin and Mr. Gao Liangyu, and three independent non-executive Directors, namely Dr. Lai Guanrong, Professor Mo Lai Lan and Mr. Yeung Tak Bun J.P..

* *For identification purposes only*