



MEDIA RELEASE

## **ISDN Holdings enters into an exclusive distribution and training agreement with a leading intelligent construction robot service provider**

- ISDN's subsidiary, Servo Dynamics, secured exclusive rights to distribute Dafang's state-of-the-art robots for the construction industry in Singapore and Malaysia.
- Dafang's solutions are approved by the Housing and Development Board ("**HDB**") and are able to reduce labour costs by 50-80% and material waste by 15-50%, thereby, boosting construction efficiency and cost-effectiveness.
- This partnership aligns with HDB's vision to implement robotics for painting in about half of new Build-to-Order ("**BTO**") projects from 2025<sup>1</sup>, enabling ISDN to capitalise on the shift towards industrial automation and robotics in the construction sector.

**Singapore, 1<sup>st</sup> November 2024** – ISDN Holdings Limited ("**ISDN**", together with its subsidiaries the "**Group**"), a leading industrial automation firm, recently entered into an exclusive agreement with DAFANG AI Pte. Ltd ("**Dafang**"). As per the agreement, ISDN's subsidiary, Servo Dynamics Pte. Ltd. ("**Servo Dynamics**") secured exclusive rights to distribute Dafang's advanced building surface finishing solutions in Singapore and Malaysia. The initial term of the agreement is three years, with an automatic renewal for another 3 years.

Dafang is a leading artificial intelligence company specialising in the design and production of intelligent robots for the construction industry. Their innovative solutions are designed to autonomously perform wall finishing construction and renovation tasks. Leveraging on cloud computing and intelligent sensor technology, their products are able to reduce labour costs by 50-80%, save material waste by 15-50%, and boost overall construction efficiency by 5-10 times. DaFang construction Robot is the only 3-in-1 construction robot on the market that can support paint spraying, skimming coat and sanding. Notably, Dafang's products have received approval from HDB for adoption in the domestic construction industry.

In conjunction with this partnership, ISDN has also entered into a Robotics Training Agreement with Dafang through ISDN Academy. ISDN Academy is managed by Performance Leadership Pte. Ltd., a spin-off from ISDN, set to provide quality training in robotic, automation, and industry 4.0. This cooperation aims to provide users with comprehensive training programs for Dafang robots with necessary certifications and skills development. The programs are tailored for a wide range of participants, from basic robot operators to robotic engineers and robot trainers.

---

<sup>1</sup> Housing & Development Board, "[HDB to Scale Up the Use of Robotics and Automation at Construction Sites to Increase Construction Productivity](#)", 23 Oct 2024;



Figure 1 Dafang's Six-meter Wall Finishing Robot

## **Industry Outlook**

According to the Building and Construction Authority (“BCA”), the total construction demand in Singapore is projected to remain steady, ranging between S\$31 billion and S\$38 billion annually from 2025 through 2028<sup>2</sup>. However, the industry continues to face challenges from a shortage of skilled labour, more stringent safety measures, and higher material costs, which slow down project offtake progress<sup>34</sup>. To boost construction efficiency, HDB plans to implement more robotics in painting for about half of the new BTO projects from 2025. This move towards automation aims at streamlining construction processes, optimising resources, and reducing manpower reliance.<sup>1</sup>

Meanwhile, Malaysia’s construction industry is expected to grow steadily, with a compound annual growth rate (“CAGR”) of 5.4% from 2024 to 2028, reaching a projected output of MYR86.92 billion by 2028<sup>5</sup>.

Mr Teo Cher Koon, Managing Director and President of ISDN commented, “***We believe that this partnership with Dafang will be synergetic and value-adding to the Group’s current portfolio of solutions. It will allow us to capture a larger pie of the overall industrial automation market in Asia and enhance our market presence.***”

***With our deep sector expertise and network, we are confident in marketing Dafang’s cutting-edge solutions as well as providing reliable after-sales support.***

***We look forward to working with HDB as well as commercial players to drive the adoption of robots in the construction industry and boost.”***

— End —

<sup>2</sup> Building and Construction Authority, “[Steady Demand for the Construction Sector Projected for 2024](#)”, 15 Jan 2024;

<sup>3</sup> 99.co, “[Construction costs in Singapore: A look into current trends](#)”, 28 May 2024

<sup>4</sup> The Straits Times, “[S’pore sets new safety record, but there is still room for progress, says WSH Council chairman](#)”, 30 Jul 2024

<sup>5</sup> Research and Markets, “[Malaysia Construction Industry Databook 2024](#)”, Sep 2024;

## About ISDN Holdings Limited

ISDN is a leading provider of industrial automation solutions throughout Asia. The Company has more than 10,000 customers, and 55 offices spanning key Asian growth markets, and has a 30-year history of innovating alongside the growing technology needs of its customers.

Today, ISDN's solutions power advanced industrial sectors including semiconductors, Industry 4.0 manufacturing, medical devices, aerospace, and clean energy. ISDN's solutions power products and manufacturing in 5G, industrial robotics, the Internet of Things (IoT/IIoT), cloud and edge computing, and Industry 4.0 intelligent manufacturing.

ISDN was founded in 1986 and has been listed on the SGX Main Board since 2005 and the Stock Exchange of Hong Kong Main Board since 2017.

For more information, please visit [www.isdnholdings.com](http://www.isdnholdings.com)

**Issued for and on behalf of ISDN Holdings Limited by Financial PR.**

**For media enquiries, please contact:**

Shivam Saraf

Email: [shivam@financialpr.com.sg](mailto:shivam@financialpr.com.sg)

Vicki Zhou

Email: [zhouyan@financialpr.com.sg](mailto:zhouyan@financialpr.com.sg)

Lily Lu Yunan

Email: [lily@financialpr.com.sg](mailto:lily@financialpr.com.sg)

Tel: +65 6438 2990

### **ISDN Holdings Limited**

101 Defu Lane 10 Singapore 539222

Tel: +65 6844 0288

Fax: +65 6844 0070

Web: [www.isdnholdings.com](http://www.isdnholdings.com)