

NEWS RELEASE

**PAN-UNITED ADVANCES AS TECHNOLOGY LEADER WITH
AiR DIGITAL'S END-TO-END OPERATIONS MANAGEMENT SYSTEM**

- **AI-powered process optimisation solution serves over 20 large ready-mix concrete and diverse logistics enterprises**
- **Customers to date from Southeast Asia, North Asia and Australasia**

SINGAPORE, 25 AUGUST 2025 – Singapore-listed global concrete innovation leader Pan-United Corporation Ltd (“Pan-United” or “泛联集团”) has made a major leap forward in its transformation journey to become a technology company in the ready-mix concrete (RMC) and logistics space. Its technology subsidiary, AiR Digital Solutions, is revolutionising operations and accelerating decarbonisation for RMC producers, logistics companies and operations with complex logistics needs.

To date, its AI-powered end-to-end operations management system has successfully built digital intelligence systems for over 20 like-minded companies spanning Southeast Asia, North Asia and Australasia. The customer portfolio includes New Zealand-based independent RMC producer Bridgeman Concrete, Malaysian quarry company East Rock and Singapore-based concrete product manufacturer Eastern Continent Construction.

AiR Digital is a proprietary, configurable intelligent solution designed in-house that uses machine learning and AI to enable data-driven, automated decision-making for end-to-end operations. Delivery schedules, resource allocation, order and fleet deployment, and more, are optimised in real time to deliver tangible outcomes for users. Proven benefits include achieving up to 45% manpower savings, higher productivity from 20% improved fleet utilisation and reallocation of staff to enhance customer support.

Pan-United first began developing AiR Digital in 2014 by optimising step-by-step every aspect of Pan-United’s end-to-end RMC operations. Over the years, the domain solution has undergone numerous upgrades to address wider industry gaps. Beyond optimising processes within Pan-United, AiR Digital is actively engaging with other like-minded companies to advocate for decarbonisation advantages.

Mr Patrick Bridgeman, Managing Director of Bridgeman Concrete, said: “Adopting AiR Digital has been truly transformative for our business. It has helped to digitalise our operations by replacing traditional, manual paper-based processes with an AI-powered system that improves efficiency and delivers real-time insights.”

Mr Bridgeman noted: “The true value of AiR Digital goes beyond optimising our operations. We now have reliable data and use AI to strengthen internal controls, automate optimal decisions and free up time to focus on strategies to grow our business. Today, we run our operations with a minimal learning curve – even with staff who have no prior experience in the concrete industry. With AiR Digital as our technology partner, we have the confidence that our operations are future-ready and adaptable to industry shifts.”

Mr Ken Loh (羅嘉遜), Chief Executive Officer of Pan-United, said: “AiR Digital began as an in-house initiative to optimise Pan-United’s end-to-end RMC operations using the latest technologies. We have since been reaping the rewards of automation, AI and data-driven decision-making. Our vision is to share our technology and learnings with other like-minded companies. In so doing, we can learn from each other and expand our impact.”

Mr Loh noted: “AiR Digital is a game-changer with the potential to not only transform traditional sectors, but also benefit industries with highly complex logistics operations. RMC has a very tight, fast-setting time of barely two hours. Delivering massive volumes of concrete for mega projects requires tremendous coordination and extreme precision.”

“AiR Digital harnesses over a decade of accumulated knowledge and know-how, and can be deployed across international borders. The solution can be integrated seamlessly with third-party systems and configured to suit the specific needs of businesses.”

“We are incredibly excited to see how this homegrown solution is gaining traction and driving change in companies across the world. Looking ahead, we will continue to evolve with technological and industry shifts, consistently upgrading and commercialising our solutions to meet the growing demand for smarter, more sustainable operations,” concluded Mr Loh.

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ABOUT AiR DIGITAL SOLUTIONS

airdigital.sg

AiR Digital Solutions specialises in configurable AI-powered solutions for businesses in the concrete and logistics eco-system. It optimises critical processes to automate best decisions in real time. The benefits extend beyond maximising efficiency, strengthening internal controls and better managing costs. AiR Digital is a proud subsidiary of global concrete innovation leader Pan-United Corporation.

ABOUT PAN-UNITED CORPORATION

panunited.com.sg

Singapore-listed Pan-United Corporation (SGX:P52) is a global leader in low-carbon concrete technologies catalysing change in the concrete space. It is one of the world’s biggest producers of carbon mineralised ready-mix concrete which leverages carbon capture & utilisation (CCU) technology to sequester industrial waste CO₂ within concrete.

Focused on concrete innovation and digital transformation, Pan-United firmly believes in concrete as an engineered product that can play a significant role in decarbonising the environment, so as to ensure a safer world for future generations. Its world-class inhouse R&D capabilities have produced an extensive range of over 300 concrete solutions, over half of which are low-carbon concrete. AiR Digital, its in-house AI solution, offers a suite of end-to-end operations management solutions designed for ready-mix concrete producers, logistics companies, and operations with complex logistics needs.

Pan-United has pledged to offer only low-carbon concrete by 2030, offer carbon-neutral concrete by 2040, and to become a carbon-neutral company by 2050.

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