



Sprintex Limited
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Sprintex Achieves Key PLC Integration Milestone and Product Update

PLC validation success enhances system compatibility and market reach

Sprintex Limited (ASX: SIX) (**Sprintex** or the **Company**) is pleased to advise the successful validation of the integration functionality of the Company's Programmable Logic Controller (**PLC**). This development ensures the Company's PLCs can interface with various industrial communication standards, enhancing the opportunities to benefit from the operational efficiency and flexibility of Sprintex advanced technology blowers.

Importance of Enhanced Integration Milestone

Jay Upton, Sprintex Managing Director stated, "The validation of Sprintex PLC integration capabilities represents a significant advancement for the Company. It enables our blowers to operate as integrated components within larger, more complex systems, facilitating smoother and more efficient integration with existing infrastructure. This development supports broader adoption of Sprintex technology across various industries.

"By enhancing the PLCs' ability to seamlessly connect with other systems, Sprintex is fostering increased collaboration and potential partnerships. This positions our blowers as versatile alternatives to traditional side channel blowers, thereby expanding our market reach and application possibilities."

Promising Growth Opportunities with Advanced Integration Evaluations Underway

Several prominent companies are now evaluating Sprintex blowers for integration into their systems, showcasing the potential for broad application and widespread adoption:

- **AirTech - Germany, USA, Spain:** AirTech, a global leader in advanced air solutions, is assessing our G15 blowers for potential private labelling, which would generate in excess of A\$5m per annum. This partnership could significantly expand Sprintex's market presence across multiple continents, enhancing our footprint in both industrial and environmental sectors¹.
- **MAT Global - Turkey:** Specialists in wastewater treatment and aquaculture, MAT Global is trialling Sprintex G15 blowers (3.5kW & 4kW) over a 90-day period. Net-0-Enerji, Sprintex exclusive distributor in Turkey, is involved in installing energy tracking hardware as part of this evaluation. This exclusivity arrangement should generate in excess of A\$5.7m within the first 3 years². This collaboration is significant for all parties involved.
- **FlexBio - Germany:** FlexBio, a leader in innovative wastewater treatment solutions, has purchased four G15 3.5kW blowers for evaluation in their containerised wastewater treatment systems. This trial aims to assess the performance and efficiency of our blowers in their advanced treatment

¹ ASX announcement 18 & 19 June 2024

² ASX announcement 24 June 2024

units. A successful partnership could lead to substantial orders and significantly strengthen our market position in Europe, showcasing the reliability and effectiveness of our G15 blowers in industrial wastewater applications.

- **Martin Membrane Systems (a Wilo Group company) - Germany:** Martin Membrane Systems, part of the Wilo Group, is renowned for their innovative solutions in wastewater treatment. They are currently integrating our G15 blowers into their on-vessel wastewater treatment systems. This collaboration aims to enhance the efficiency and reliability of wastewater processing in maritime environments. Success in this venture could lead to extensive adoption of our blowers in various maritime applications, solidifying our presence in this niche market and contributing to more sustainable and effective wastewater management solutions at sea.
- **Shandong ZQ Blower Co., Ltd. - China:** Shandong ZQ, a leading Chinese blower supplier across various applications, is assessing our G15 Turbo blowers for private labelling, which would generate in excess of A\$5m per annum. Success in this partnership could result in the sale of thousands of blowers into diverse industries throughout the Chinese market.
- **Jindalai Environmental Co., Ltd. - China:** is a prominent company specializing in the development and production of advanced wastewater treatment equipment. They are currently evaluating our G15 machines for integration into their wastewater treatment systems. Success in this partnership could lead to the deployment of hundreds to thousands of units annually, significantly enhancing the efficiency and capacity of Jindalai's environmental solutions. With a strong focus on sustainability and innovation, Jindalai Environmental is well-regarded in the industry for their commitment to providing high-quality, reliable equipment for various industrial applications.
- **Zhejiang Renxin Huankeyuan Co., Ltd.** a prominent environmental technology company based in China, is evaluating our G15 blowers for potential integration into their systems. They have set a minimum procurement target of 300 units annually. This evaluation underscores the potential for a robust partnership aimed at enhancing the efficiency and performance of Renxin's advanced environmental solutions. Successful integration could lead to substantial annual orders, reflecting the growing demand for high-quality, reliable environmental protection equipment across various industrial applications.

Sprintex is currently in discussions with 17 dealers across major cities in China, showcasing the potential of its G15 blowers. These discussions span a range of locations including Beijing, Haerbin, Yixing, Ningbo, Nanjing, Yantai, Shanghai, Shenzhen, Chengdu, Suzhou, Zhengzhou, Zhuhai, Nanchang, and JieYang.

Sprintex estimates based on dealer feedback suggest approximately 5,400 G-15 4kW and G-15 7.5kW units over will be purchased over the next 12 months, delivering an estimated revenue of **AU\$14,750,000** from the G15 series alone.

The market potential in China is significant, with annual sales of Blowers, in excess of 1,000,000 units per year and Sprintex is confident that these opportunities will prove successful.

The Company aims to solidify its presence in the region by delivering high-performance blowers that meet the demands of various industrial applications.

Clean Energy Update

Sprintex is dedicated to advancing clean energy technologies with its highly efficient fuel cell compressors. The eCompressor series is designed to provide superior efficiency, reliability, and power density, suitable for fuel cell applications ranging from 10kW to 300kW. With options for foil air bearings or oil-free ball bearings, these compressors deliver optimal performance for various applications, including automotive and stationary fuel cell systems.

Sprintex Compressor series features

- **High Efficiency:** Single-stage compressor achieving aerodynamic efficiency greater than 80%, making it ~10% more efficient than traditional two-stage systems.
- **Power Density:** Industry-leading power density with up to 25kW output, weighing less than 7.5kg.
- **Reliability:** Lightweight rotor design enhances durability and ensures stable operation under high G shocks and vibrations.
- **Versatility:** Compatible with multiple voltage inputs (48V-800V DC) and suitable for a wide range of fuel cell stack applications.

Clean Energy Evaluation Projects

- **Linear Generator Manufacturer - USA:** One of two prominent linear generator style programs evaluating our blowers for integration into their linear generator systems. This collaboration underscores our commitment to advancing clean energy technologies. The concept features two pistons in a closed-end tube with combustion happening between the pistons, generating electricity through expansion causing the pistons to pass through a generator winding. This system, ~50% more efficient than traditional diesel generators, can run on multiple fuels, including natural gas. expects to supply 300 units in the second half of 2024, highlighting the commercial potential of this partnership.
- **Linear Generator Manufacturer-2 - USA:** Born out of prominent global aero engine manufacturer, this program is testing our S Series E-boost machines for their cutting-edge applications. Their design is a development of the Stirling heat engine, improved by design changes made possible by additive manufacturing and featuring intricate heat exchangers for higher efficiency. This external combustion engine, which can run on various fuels, including hydrogen, natural gas, and ammonia, is expected to achieve about 50% more efficiency than diesel generators. The company is intending to deliver around 100 units in 2025. Success in this partnership could lead to long-term supply agreements and enhance our reputation in the clean energy market.

Sprintex remains committed to advancing our technologies and expanding our market reach through strategic partnerships and rigorous evaluations. We will continue to update the market on our progress and look forward to achieving significant milestones soon.

Aquaculture Update

Sprintex has secured an initial order of 10 G15 units from "Fresh by Design" to supply **Tassal Group**, Australia's largest seafood producer, owned by Cooke Seafood, Canada. This order follows successful evaluations of Sprintex's G-15 units where the Sprintex 3.5kW unit was able to replicate the flow and pressure of nearly three of their existing 2.2kW rotary lobe blowers. We now have two orders, one for 10 units and another for 1 more unit, these 11 will be the world's first G15 7.5kW delivered anywhere in the world. These two projects will serve as pilots for all of Tassal's future blower requirements.



Viminar - China: Viminar is evaluating our 4kW turbo blower for use in local fish farms. With an estimated demand of 400 units annually, this partnership has the potential to significantly expand our presence in the aquaculture sector in China. Success in these evaluations could lead to substantial orders and further cement Sprintex's reputation for providing high-performance, reliable blower solutions in diverse aquaculture applications.

This ASX announcement was authorised for release by the Board of Sprintex Limited.

For further information

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About Sprintex

Sprintex, established in Australia in 2003, is a prominent company specialising in the engineering, research, product development, and manufacturing of ultra high-speed electric motors and clean air compressors.

The Company is dedicated to creating energy-efficient solutions for various applications, significantly impacting both industrial and automotive sectors. Sprintex's innovation-driven approach has positioned it as a leader in the development of clean air technologies, continually advancing the standards in these industries.

In the industrial sector, Sprintex's G Series blowers are designed for high-speed air movement in wastewater treatment, aquaculture, paper milling, and pharmaceuticals, ensuring efficient and reliable performance. Additionally, Sprintex develops fuel cell compressors for clean energy applications, particularly in hydrogen and natural gas fuel cells, promoting sustainable energy solutions. In the automotive realm, the Company focuses on enhancing hybrid and petrol vehicles with high-speed electric motor-driven compressors, while its legacy in twin screw superchargers continues to influence modern advancements.

Forward Looking Statements

This announcement contains 'forward-looking information' that is based on the Company's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to the Company's business strategy, plans, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations and related expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'anticipate', 'project', 'target', 'potential', 'likely', 'believe', 'estimate', 'expect', 'intend', 'may', 'would', 'could', 'should', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. Persons reading this announcement are cautioned that such statements are only predictions, and that the Company's actual future results or performance may be materially different. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company's actual results, level of activity, performance, or achievements to be materially different from those expressed or implied by such forward looking information.