



9th October 2024

ASX Announcement

Titomic introduces revolutionary augmented reality enhancement for its D523 cold spray system.

Titomic Limited (ASX: TTT) ("Titomic" or "Company"), the world's leading provider of cold spray solutions, is pleased to announce the impending launch of its groundbreaking Augmented Reality software suite (the AR Suite) for its D523 portable cold spray system – marking the world's first use of AR technology in cold spray.

The D523 system, currently deployed within industries including aerospace, defence, manufacturing, and oil and gas, provides a low-pressure, handheld cold spray solution that repairs metal components without heat, eliminating the risk of thermal damage. The system also allows for dissimilar metal deposition, making it uniquely suited for maintenance, repair, and overhaul (MRO) operations.

Utilising Microsoft HoloLens technology (a head-worn transparent lens), Titomic and its technology partner have developed the AR Suite that can display real-time system data, including temperature, system settings, and optimal nozzle range for specific repairs.

Titomic expects that this AR suite, along with future market-oriented product advancements, will provide further competitive additions to its proven cold spray capabilities. Titomic will offer the AR Suite as an additional add-on service offering, complementing the Company's existing revenue streams from coatings and repair, including sales of Titomic systems and recurring powder sales. The software has been developed by Titomic in collaboration with a third-party provider and is both owned by and exclusive to Titomic.

The AR suite also enables standardisation of repairs by providing pre-set parameters for common tasks such as wheel and landing gear repairs and corrosion remediation. In so doing, it enhances product safety and process efficiency.

The AR suite ensures operators follow Titomic's tested and recommended repair processes while providing full traceability through maintenance records. This feature is particularly important for MRO firms that require detailed documentation for regulatory compliance and to ensure the reliability and performance consistency of long service-life aircraft.

Titomic expects that the AR suite, together with its other planned future market-oriented product advancements, will further compel large-scale organisations to incorporate Titomic's cold spray technology within MRO and beyond.

This unique capability is expected to increase industry interest and demand by enabling the achievement of critical requirements for precision, efficiency and repeatability in maintenance and repair operations.

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BUSINESS

ADDITIVE
MANUFACTURING

Ballistic Protection

Structures

Tooling

Embedded Sensors

COATING
& REPAIR

Metal Restoration

Wear Resistance

Corrosion Protection

Conductive Coating

Inductive Coating

Radiation Shielding

For personal use only

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Titomic's ongoing product enhancements reflect its commitment to advancing global manufacturing capabilities and delivering solutions to meet current and evolving industry needs. With strong products and novel manufacturing capabilities, Titomic aims to successfully commercialise its capabilities on a global scale.

The AR suite is compatible with all existing D523 systems, and Titomic expects the solution to be in demand combined with its other cold spray systems in the future. Titomic will be demonstrating its AR demo version at AUSA, taking place from October 14-16, 2024, in Washington D.C.

This announcement has been authorised for release by the Board of Titomic Limited.

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ABOUT TITOMIC LIMITED

Titomic Limited (ASX: TTT) is an Australian public company specialising in large integrated solutions for industrial-scale metal additive manufacturing, using its patented cold spray additive manufacturing (Cold Spray AM) technology. Titomic provides Cold Spray AM solutions, OEM production and R&D services to the global Aerospace, Defence, Shipbuilding, Oil & Gas, Mining and Automotive industries. Titomic also offers global sales and support for all of its Cold Spray AM activities from its Melbourne Head Office, as well as through local presence in the USA and Europe. Titomic delivers competitive advantages in metal additive manufacturing at every stage in the product value chain. For more information, please visit www.titomic.com.

FORWARD LOOKING STATEMENTS

Certain statements made in this release are forward-looking statements and are based on Titomic's current expectations, estimates and projections. Words such as "anticipates", "expects", "intends", "plans", "believes", "seeks", "estimates", "guidance" and similar expressions are intended to identify forward-looking statements. Although Titomic believes the forward-looking statements are based on reasonable assumptions, they are subject to certain risks and uncertainties, some of which are beyond Titomic's control, including those risks or uncertainties inherent in the process of both developing and commercialising technology. As a result, actual results could materially differ from those expressed or forecasted in the forward-looking statements. The forward-looking statements made in this release relate only to events as of the date on which the statements are made. Titomic will not undertake any obligation to release publicly any revisions or updates to these forward-looking statements to reflect events, circumstances or unanticipated events occurring after the date of this release except as required by law or by any appropriate regulatory authority.

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