



April 15, 2025

ASX Announcement

Titomic Collaborates with Major Aerospace & Defense Prime to Revolutionize Pressure Vessel Manufacturing with Cold Spray Technology

Titomic Limited (ASX: TTT) ('Titomic' or 'Company'), a global leader in Titomic Kinetic Fusion, a cold spray additive manufacturing technology, is excited to announce its collaboration with Northrop Grumman to develop and manufacture high-performance pressure vessels. This work is a pivotal step in Titomic's strategic shift toward high-value collaborations in aerospace and defense, demonstrating its commitment to delivering integrated solutions for mission-critical components. The collaboration leverages Titomic's expertise in cold spray systems and Northrop Grumman's leadership in aerospace and defense, with a shared goal of enhancing the performance, durability, and significantly reducing the production schedule of critical pressure vessels. This is an initial concept development study inclusive with part production for testing to prove out for future efforts.

Titomic's proprietary cold spray technology offers unmatched flexibility and efficiency in creating high-performance components. By eliminating the need for high-heat methods, this innovative process enhances material properties, reduces lead times, and enables complex geometries crucial for the aerospace and defense sectors. Pressure vessels, which are vital in industries like aerospace, defense, energy, and industrial applications, will benefit greatly from the enhanced strength and performance characteristics enabled by cold spray technology.

This collaboration underscores Titomic's commitment to redefining the manufacturing landscape for critical aerospace and defense components. By leveraging localized production capabilities in the United States, Titomic is strategically positioned to meet growing demands and address global supply chain challenges. The pressure vessel market alone represents a multi-billion-dollar opportunity, and this collaboration allows both companies to capitalize on its potential.

Titomic CEO, Jim Simpson, commented on the collaboration: "We are thrilled to collaborate with Northrop Grumman to develop advanced pressure vessels using our unique cold spray technology. This collaboration represents a significant step in overcoming the supply chain challenges for manufacturing of critical components for the defense industry." Dr. Neil Matthews, Technical Fellow at Titomic, commented: "This collaboration with Northrop Grumman showcases the potential of cold spray technology to overcome traditional manufacturing limitations. By enabling the production of high-strength components with reduced material waste and reduced lead times, we are setting a new benchmark for aerospace and defense manufacturing. This project exemplifies the innovation that drives Titomic's engineering efforts."

Together, Titomic and Northrop Grumman are set to redefine the manufacturing of pressure vessels, offering a new era of durability, efficiency, and innovation that meets

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the demands of modern industries. This collaboration is the first in a series of initiatives that will position Titomic as a leader in the global defense and aerospace manufacturing ecosystem. Titomic is expanding its reach, diversifying its applications, and paving the way for next-generation manufacturing solutions across multiple industries.

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 Titomic Kinetic Fusion™ cold spray 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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