



## Titomic Appoints Renowned Aerospace & Defence Expert Prof. Rhys Jones

- Awarded leader in Aerospace structural engineering strengthens Titomic's technical expertise for the aerospace & defence industries
- Key advisor to US Navy on a 'cold spray' techniques to repair aircraft, now also used by Australia's navy for helicopters and other aircraft
- Role critical to the technical validation of Titomic's additive manufacturing process for the aerospace & defence industries

**Melbourne, Australia, 23 February, 2018:** Australian metal additive manufacturing company Titomic Limited (ASX: TTT) ("Titomic" or "the Company") is pleased to announce the appointment of Professor Rhys Jones, AC as the Company's Structural Mechanics and Integrity Advisor commencing 1<sup>st</sup> March 2018.

Professor Jones was awarded a Companion of the Order of Australia (AC) in January 2018 for his dedicated work on the structural mechanics of aircraft and repairing corrosion. He is an Emeritus Professor of Mechanical and Aerospace Engineering at Monash University with 50 years' experience in Mechanical Engineering. He is a globally acknowledged expert in Aerospace structural integrity and cold spray technology. His appointment to Titomic further strengthens Titomic's technical knowledge especially for the Aerospace & Defence industries.

Professor Jones is recognised as being a pioneer of repairs to metallic civil and military aircraft and has co-authored numerous books and book chapters on this topic. He has also pioneered the use of supersonic particle deposition (Titomic Kinetic Fusion) to ensure continued airworthiness of aircraft and to repair corrosion damage.

In 2008, his work on thermo-elasticity was chosen by the Australian Chief Defence Scientist as one of the top-ten papers in the period 1907-2007. He also works closely with the Royal Australian Air Force, Defence Science and Technology Group, US Navy, QinetiQ, Liberty One Steel and Airbus Australia Pacific Group.

Titomic's CEO & CTO, Jeff Lang commented:

*"We are excited to welcome Professor Jones to our technical team at this pivotal time.*

*Professor Jones' work with the US Navy on a 'cold spray' technique to repair aircraft, that is now used on Australia's navy helicopters and other aircraft, will provide Titomic with the technical validation to help us to meet the needs for these two large market segments.*

*Interest in our additive manufacturing abilities for the aerospace and defence industries continues to grow particularly following Titomic's successful exhibition earlier this month as part of the Team Defence Australia delegation at the Singapore Airshow – Asia's largest aerospace and defence event."*

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## **About Titomic:**

Titomic (ASX:TTT) is headquartered in Melbourne, Australia. The company overcomes limitations of previous additive manufacturing (3D printing) for metals to manufacture complex parts without shape or size constraints. Titomic offers design and manufacturing methods to enable speed-to-market, superior products at lower production costs and using less resources for a more sustainable future.

Titomic additive manufacturing machines that can customise build size to customer requirements offer additive manufacturing advantages at industrial scale. Multiple robots can be utilised to build larger parts, competing with traditional manufacturing solutions for industries such as aerospace and defence, sporting goods, medical, automotive, industrial equipment, construction and marine.

Other benefits of the Titomic Kinetic Fusion technology include:

- Joining dissimilar metals and composites for engineered properties in a structure
- Stronger structures without welding, folding or bending
- Reduced time to market with industry-leading production speeds

Clients will be offered a licence to manufacture via the Titomic Kinetic Fusion technology. Titomic's revenue model will also provide clients with R&D prototyping services, Titomic equipment sales, powder and consumables supply, equipment service and maintenance. For more information visit: [www.titomic.com](http://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.