



July 30, 2024

ASX Announcement

GENERAL BUSINESS

ADDITIVE MANUFACTURING

Defence
Ballistic Protection
Structures
Tooling
Embedded Sensors

COATING & REPAIR

Metal Restoration
Wear Resistance
Corrosion Protection
Conductive Coating
Inductive Coating
Radiation Shielding

Quarterly Activities Report - Q4 FY24

Highlights:

- High-pressure cold spray system sold to Triton Systems Inc., generating AUD 1.2m
- Custom high-pressure cold spray system sold to OMIC R&D for USD 790,000 (AUD 1.2m)
- Advancement of significant global defence sector contracts worth AUD 476,000
- Three cold spray systems sold to CTME, generating EUR 300,000 (AUD 495,000)
- Woodside Energy to deploy D523 for offshore corrosion remediation
- Two additional D523 systems sold in the quarter, generating AUD 178,000
- Material cash receipts forecast for Q1 2025 including AUD 2.1 million from OMIC, Sabanci University, and the Royal Netherlands Army

Titomic Limited (ASX: TTT) ("Titomic" or the "Company") provides its Appendix 4C cash flow and activity report for the period ended 30 June 2024 (Q4 FY24).

Statement from Herbert Koeck, Managing Director of Titomic:

"This quarter has been strong for Titomic, with growing success particularly in the defence sector in the U.S. Significant sales were secured, including a high-pressure cold spray system to Triton Systems and a custom high-pressure cold spray system to the Oregon Manufacturing Innovation Center (OMIC R&D), reinforcing Titomic as the world's leading provider of cold spray solutions. Accelerating this progress is the post-quarter-end appointment of Dr Patricia Dare to lead U.S. defence and aerospace initiatives. Dr Dare's extensive experience in the defence industry will be invaluable in propelling efforts in this critical market.

Titomic has also reported significant advances in the global defence sector, reporting contracts with international defence primes and their key suppliers. These engagements highlight Titomic's growing presence and ongoing revenue generation in defence, and also point toward the growing acceptance and demand of Titomic's technological capability in implementing significant manufacturing capability advancements.

Concurrently, Titomic continues to penetrate the market with D523 systems, deploying them for repair and coatings, as demonstrated by the engagement with Woodside Energy on their offshore gas platform, in addition to further D523 sales. This project highlights the innovative use of Titomic's technology for corrosion resistance and repair and is expected to further open new market opportunities.

Since the quarter end, Titomic has made inroads towards commercialisation with the Repkon Titomic joint venture with the sale of a TKF 1000 cold spray system for AUD 2.3 million. The TKF 1000 will play a pivotal role within the Facility, which is being established to revolutionise barrel manufacturing.

Each success has been spurred by Titomic's commercial strategy, with the diligent work of the Titomic team over the past years is now beginning to bear fruit. The provision of novel repair and coatings systems is exemplified by the Woodside Energy project and ongoing sales. Cooperation for mass manufacturing is being realised through the joint venture with Repkon. Penetration of the U.S. market is growing, proven by recent system sales.

These achievements validate the Company's strategic direction and reinforce its commitment to meeting the complex needs of clients across diverse industries. We are continuing to maintain a strict cost discipline while seeing a stronger top line, order growth, and cash flow expansion for FY2025. Titomic is poised for continued growth and innovation, cementing its position as a leader in advanced manufacturing systems."

TITOMIC

Titomic Limited Ground floor, 365 Ferntree Gully Road
Mount Waverley, Victoria 3149, Australia

info@titomic.com | titomic.com

ABN 77 602 793 644



GENERAL BUSINESS

ADDITIVE MANUFACTURING

Defence
Ballistic Protection
Structures
Tooling
Embedded Sensors

COATING & REPAIR

Metal Restoration
Wear Resistance
Corrosion Protection
Conductive Coating
Inductive Coating
Radiation Shielding

Operational Update

TKF System sold to Triton Systems to boost manufacturing capability

Titomic has sold a custom Titomic Kinetic Fusion® System (TKF System) to U.S.-based Triton Systems Inc. for USD 808,000 (AUD 1.2m), anticipated to be delivered within nine months. This sale enhances the partnership with Triton Systems and integrates Titomic's technology in defence and commercial sectors.

The TKF System enables Triton to manufacture high-performance parts from materials like aluminium, titanium, and nickel-based superalloys, supporting applications in armaments, armour, and large structures. This collaboration highlights Titomic's ability to meet industry standards and expands its global defence presence, with the Royal Netherlands Army among its users.

Titomic secures AUD 1.2m sale to leading U.S. innovation centre, OMIC R&D

Titomic has sold a custom high-pressure cold spray system to the Oregon Manufacturing Innovation Center (OMIC R&D) for USD 790,000 (AUD 1.2m). Located in Portland, Oregon, OMIC R&D provides commercial research and development services to companies including Sandvik Coromant, Boeing, and Daimler. OMIC R&D's expertise encompasses advanced metals manufacturing technologies, with particular strengths in additive manufacturing and advanced alloy development.

With this order, OMIC R&D acquires the unique capabilities of high-pressure cold spray technology, enabling the additive manufacture of multi-metal parts, large-scale titanium parts, and the manufacture of multi-metal coatings. These highly effective cold spray applications overcome longstanding manufacturing challenges, delivering desirable outcomes across various industries, including defence and aerospace. It is expected this will increase awareness of cold spray's extensive technical capabilities and present additional commercial growth opportunities for Titomic.

Titomic advances significant global defence sector engagements

Titomic reported significant advances in the global defence sector, leveraging its leading cold spray capabilities. The Company secured contracts worth AUD 476,000 in revenue with international defence prime contractors and key suppliers, with AUD 64,000 recognised as of May 2024 and AUD 412,000 expected by Q2 FY2025. These engagements, which include strategic relationships and applications in sensitive aerospace and defence sectors, highlight Titomic's growing presence and ongoing revenue generation in these industries. Further details are restricted due to legislative and regulatory constraints.

CTME purchases three cold spray systems

Titomic has successfully sold three cold spray systems to Fundación Centro Tecnológico Miranda de Ebro (CTME), including a D623 medium-pressure cold spray system, a D523 low-pressure cold spray system, and an Integrated Spray Booth. This sale has generated a combined revenue of EUR 300,000 (AUD 495,000) for the Company. The setup enhances operational flexibility, allowing CTME to leverage the distinct capabilities of each system within an integrated environment, thereby broadening CTME's operational scope and facilitating diverse cold spray applications concurrently.

Woodside Energy to use D523 System on offshore gas platform

Titomic announced that Woodside Energy (ASX: WDS) engaged Monadelphous Group (ASX: MND) to use a D523 low-pressure cold spray system to combat corrosion at Woodside's offshore gas platform near Karratha, Western Australia.

This marks Titomic's first on-site application of its cold spray technology in the Australian oil and gas industry. The project, supported by research from Woodside FutureLab at Monash University, demonstrated innovative applications for corrosion resistance and repair, highlighting the technology's efficiency for on-site repairs in remote locations which presents a significant market opportunity.

TITOMIC

Titomic Limited Ground floor, 365 Ferntree Gully Road
Mount Waverley, Victoria 3149, Australia

info@titomic.com | titomic.com

ABN 77 602 793 644



GENERAL BUSINESS

ADDITIVE MANUFACTURING

Defence
Ballistic Protection
Structures
Tooling
Embedded Sensors

COATING & REPAIR

Metal Restoration
Wear Resistance
Corrosion Protection
Conductive Coating
Inductive Coating
Radiation Shielding

Sale of D523 System to Alliance Singapore

Titomic has sold an additional D523 to one of Titomic's resellers, Alliance Singapore, marking their second purchase of a D523 and generating AUD 73,228 in revenue. Titomic expects this D523 will be sold by Alliance Singapore to its client which performs corrosion remediation services within the oil and gas industry.

Sale of D523 System to Aircraft Specialties Inc.

Titomic has sold a D523 to Aircraft Specialties Inc. (ASI), generating USD 70,000 (AUD 105,000) revenue for Titomic. Located in Nebraska, ASI specialises in the repair, overhaul, and maintenance (MRO) of aircraft wheels and brakes and provides extensive MRO servicing within the aviation industry. The purchase by ASI further strengthens Titomic's presence in the aerospace MRO industry, demonstrating the Titomic Kinetic Fusion®'s applicability within this key industry.

Previously Announced Delivered Projects & Systems

High-pressure cold spray system installed at Sabanci University

Titomic has successfully completed Site Acceptance Testing for the high-pressure cold spray system supplied to Sabanci University, following the original announcement on 21 November 2023. This system, sold for EUR 1.4 million (AUD 2.4 million), is now operational at the Integrated Manufacturing Technologies Research and Application Center.

The high-pressure cold spray system will support Sabanci University in its research and development activities in advanced manufacturing technologies. Cold spray's capability to fuse dissimilar metals will aid in further developing applications across aerospace, automotive, energy, and other fields, thereby enhancing the university's research capabilities and material science projects.

Integrated Spray Booth installed at EPCOR

Titomic has successfully installed and completed Site Acceptance Testing of a Titomic Integrated Spray Booth (ISB) at EPCOR, following the original announcement on 21 November 2023. The ISB was sold to EPCOR for EUR 310,000 (AUD 516,615). EPCOR, a subsidiary of Air France Industries and KLM Engineering & Maintenance, will utilise the medium-pressure cold spray system in their maintenance, repair, and overhaul (MRO) activities for commercial aerospace components.

The ISB will support EPCOR in developing cold spray repairs for aircraft parts, enhancing their capabilities in applying dense, high-performance coatings. This system, designed for aerospace applications, will aid EPCOR in maintaining and repairing pneumatic aircraft components and Auxiliary Power Units (APUs), thereby meeting the stringent requirements of the commercial aerospace MRO sector.

Events Subsequent to Period End

Titomic maintains quality assurance standards

Titomic recently participated in a review of its adherence to quality systems and was found to have complied with all relevant standards. As such, Titomic expects to retain its AS9100D and ISO9001 quality certifications and ISO27001 IT & Cybersecurity certification, enabling Titomic to engage effectively with a broad range of industries. Titomic continues to work with all staff to create the safest and best work practices while consistently meeting customer requirements, all applicable statutory and regulatory requirements, and expectations for all stakeholders' mutual benefit.

Titomic appoints Dr Patricia Dare to lead U.S. defence and aerospace efforts

Titomic has appointed Dr Patricia Dare to head its defence and aerospace efforts in the U.S. Dr Dare, who brings over 30 years of program management and business development experience in the defence industry, has held key roles at Raytheon Technologies, Boeing, Lockheed Martin, and Honeywell International and holds a PhD in Chemistry.

TITOMIC

Titomic Limited Ground floor, 365 Ferntree Gully Road
Mount Waverley, Victoria 3149, Australia

info@titomic.com | titomic.com

ABN 77 602 793 644



GENERAL BUSINESS

ADDITIVE MANUFACTURING

Defence
Ballistic Protection
Structures
Tooling
Embedded Sensors

COATING & REPAIR

Metal Restoration
Wear Resistance
Corrosion Protection
Conductive Coating
Inductive Coating
Radiation Shielding

Dr Dare joins Titomic to propel its expansion into the defence sectors, where Titomic has seen growing success. Additionally, Dr Dare has served on various boards including the U.S. Space and Rocket Center, The University of Alabama, Huntsville; and the Huntsville/Madison Chamber.

10 D523 cold spray systems delivered to the Royal Netherlands Army

Titomic has successfully delivered 10 Titomic D523 Cold Spray Systems to the Royal Netherlands Army, marking the largest D523 order to date. Announced on 26 March 2024, the systems, valued at EUR 772,000 (AUD 1.28 million), were delivered promptly to support the Army's immediate needs.

Nine of these systems will be sent to Ukraine to aid in their war effort, enabling battle damage repair in-field and forward maintenance, thereby enhancing battle readiness and prolonging mission capability. The swift delivery of the D523 systems reflects Titomic's commitment to meeting the requirements of military applications and reinforces its position as an emerging and reliable entity in the global defence and aerospace sectors.

Sale of TKF 1000 to Repkon Titomic Joint Venture

Titomic has sold a TKF 1000 cold spray system, (the System), to the Repkon Titomic Production Technologies and Trade Co. Inc (Repkon Titomic) joint venture for a total of A\$2.3 million.

Repkon Titomic (of which Titomic has a 49% interest) was formed to establish the world's first hybrid cold spray manufacturing facility (the Facility), which will be located in Turkey. The Facility will leverage Titomic Kinetic Fusion® (TKF) technology in conjunction with Repkon's flow-forming techniques to revolutionise barrel manufacturing. It will offer faster production times, access to a wider range of materials with unique properties, lighter components, and enhanced performance. Titomic will also receive a share in profits from the sale of barrels produced.

The TKF 1000 is the first of the TKF Systems expected to be installed by the joint venture and will enable replication of previously validated processes at Titomic's Melbourne Manufacturing & Innovation Centre. With the TKF 1000 already built in anticipation of this order, the System will be delivered to the Facility in the near term.

Titomic anticipates that a further system will be required by the Repkon Titomic joint venture before commercialisation of the barrel manufacturing commences. It is expected that this system will be a bespoke TKF 3250 with pricing to be determined once the machine has been configured. The timing of the sale of this machine and the subsequent commencement of commercial barrel manufacturing is still to be determined by the Repkon Titomic joint venture and will be dependent on the successful installation and validation of the TKF 1000 in the near term.

In addition to the further expected sales of TKF Systems to the Repkon-Titomic joint venture, in the future, Titomic will also sell consumables, including metal powders, to support the TKF Systems. Titomic will also receive a share in profits from the sale of barrels produced.

Corporate Update

Placement

Titomic raised AUD 4.5m through a share placement to existing sophisticated and professional investors. This involved the issue of 90,000,000 new shares at AUD 0.05 each, a 10% discount to the 23 April 2024 closing price. The new shares were issued on 2 May 2024. The funds will support increased manufacturing capacity and working capital for new customer orders.

Titomic Summons

As previously announced, Titomic was served with a Summons on 5 December 2022, filed with the Supreme Court of NSW which named the Plaintiff as Composite Technology R&D Pty Ltd ABN 52 094 571 187 (Composite) and the Defendant as Titomic. The claim set out in the Summons is commercially misleading conduct which the Company denies and continues to vigorously defend.

TITOMIC

Titomic Limited Ground floor, 365 Ferntree Gully Road
Mount Waverley, Victoria 3149, Australia

info@titomic.com | titomic.com

ABN 77 602 793 644



GENERAL BUSINESS

ADDITIVE MANUFACTURING

Defence
Ballistic Protection
Structures
Tooling
Embedded Sensors

COATING & REPAIR

Metal Restoration
Wear Resistance
Corrosion Protection
Conductive Coating
Inductive Coating
Radiation Shielding

Titomic filed its defence to the Summons on 3 March 2023 and issued a Cross Claim Summons on the same date. Both Titomic's and Composite's lay evidence has been served. Both parties have now been directed by the Court as follows:

- Composite to serve any evidence in reply to Titomic's lay evidence and in defence of the Cross Claim by 16 August 2024
- Titomic to serve any evidence in reply on the Cross Claim by 27 September 2024
- Composite to serve any expert evidence that it intends to rely upon by 18 October 2024
- The matter be listed for further directions by the Court on 25 October 2024.

Discussion of Cash Flows

Titomic's cash balance as at 30 June 2024 was AUD 2.7m, an increase of AUD 1.7m from the prior quarter. The Company reported an operating cash outflow of AUD 2.7m during the quarter, offsetting this were net proceeds from the April capital raise of AUD 4.3m. Operating cash flows were broadly in line with the Company's expectations and were impacted by the lumpy nature and timing of receipts from larger contracts. Costs were materially in line with recent prior quarters.

The Company anticipates an increase in operating cash receipts in Q1 FY2025 (the quarter ending 30 September 2024) whilst maintaining a materially similar level of operating cash outflows. The 30 June 2024 quarter cash receipts were materially lower than the year to date average due to the lumpy nature of receipts from customers as mentioned above. In Q1 FY2025 the Company anticipates material cash receipts from some of its previously announced orders including AUD 2.1m from three contracts (initial deposit from the OMIC R&D sale, final payment from Sabanci University and final payment from the Royal Netherlands Army) in addition to other receipts from smaller sales.

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

- - - - - END - - - - -

INVESTOR CONTACT

Geoff Hollis

Titomic
Chief Financial Officer
P: +61 438 168 008
E: geoff.hollis@titomic.com

MEDIA ENQUIRIES

Ben Andrews

Titomic
Global Marketing Manager
P: +61 438 759 620
E: ben.andrews@titomic.com

REIGN ADVISORY PTY LTD

P: +61 2 9174 5388
E: TTT@reignadvisory.com

TITOMIC

Titomic Limited Ground floor, 365 Ferntree Gully Road
Mount Waverley, Victoria 3149, Australia

info@titomic.com | titomic.com

ABN 77 602 793 644



GENERAL BUSINESS

ADDITIVE MANUFACTURING

Defence
Ballistic Protection
Structures
Tooling
Embedded Sensors

COATING & REPAIR

Metal Restoration
Wear Resistance
Corrosion Protection
Conductive Coating
Inductive Coating
Radiation Shielding

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.

TITOMIC

Titomic Limited Ground floor, 365 Ferntree Gully Road
Mount Waverley, Victoria 3149, Australia

info@titomic.com | titomic.com

ABN 77 602 793 644