

ASX RELEASE

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ASX: NVU

Spinoff Robotics Signs Non-Binding MOU with NovaPeak to Assess Integration of METRON with NovaPeak's Inspection Platform

METRON camera and AI vision upgrades target sub-millimetre accuracy in confined spaces

Highlights

- **Non-binding MOU signed:** Nanoveu's wholly owned subsidiary, Spinoff Robotics Pte Ltd ("Spinoff"), has signed a non-binding memorandum of understanding ("MOU") with NovaPeak Pte Ltd ("NovaPeak"), a subsidiary of ISDN Holdings Limited (SGX: I07, HKEX: 1656).
- **Complementary hardware and software base:** The parties will jointly evaluate the integration of Spinoff's METRON inspection drone aerial platform with NovaPeak's inspection software platform (LiveInspect.AI) and capabilities, which supports building and asset owners, facilities managers, contractors and engineering consultants.
- **Addresses hard to reach critical infrastructure:** NovaPeak inspects at scale using its drone fleet and LiveInspect.AI software platform, however many critical infrastructure components sit in narrow crevices and confined spaces that conventional inspection drones cannot reach. METRON is purpose-built for these locations in mind, and the MOU will assess whether a combined offering can extend inspection coverage to assets which are currently difficult to access.
- **Established, accredited partner:** NovaPeak is accredited by the Singapore Accreditation Council as a Type A Inspection Body under SAC TR-78. It has inspected more than 2,000 buildings and covered 2,000,000 m² of façade area.
- **METRON's camera system and AI vision models improve targets on sub-millimeter accuracy and adaptability:** Spinoff is currently planning upgrades to METRON's camera hardware, AI vision models and measurement software. The upgrade is designed to improve measurement accuracy and data quality, strengthening the proposition to NovaPeak's clients.

Nanoveu Limited ("Nanoveu" or the "Company") (ASX: NVU, OTCQB: NNVUF), a technology company specialising in advanced semiconductor, visualisation and materials sciences, is pleased to announce that its wholly owned subsidiary, Spinoff Robotics Pte Ltd ("Spinoff"), has entered into a non-binding MOU with NovaPeak Pte Ltd ("NovaPeak"), a subsidiary of ISDN Holdings Limited ("ISDN"), to jointly assess and evaluate the potential opportunities for integration and deployment of Spinoff's METRON drone aerial platform with NovaPeak's LiveInspect.AI platform for the inspection of confined and hard-to-access inspection points.

About NovaPeak

NovaPeak is a Singapore-based, AI-enabled, drone inspection company incorporated in 2022 and a subsidiary of ISDN (SGX: I07, HKEX: 1656). NovaPeak holds the following accreditation and operating record:

- **Accreditation:** SAC-accredited Type A Inspection Body for building façade inspection using Unmanned Aircraft Systems (UAS) under TR 78, incorporating AI-enabled image analytics for automated façade defect detection, classification and privacy masking.
- **Inspection volume:** more than 2,000 buildings inspected, including more than 1,500 HDB residential blocks.
- **Operations:** more than 2,000 drone inspection missions flown, more than 2,000,000 m² of façade area covered, more than 150,000 inspection images processed, and more than 400 CAAS drone activity permits obtained, with zero recorded safety incidents.
- **Recent contracts:** a S\$1 million AI-enabled drone inspection contract covering 1,450 HDB buildings, announced by ISDN in January 2026, and a strategic partnership with Panasonic R&D Center Singapore to commercialise LiveInspect.AI internationally, announced in March 2026.

MOU Framework and Commercial Rationale

The MOU establishes a framework for the parties to evaluate adding METRON to NovaPeak's drone inspection services. NovaPeak's drone fleet and LiveInspect.AI platform currently inspect open surfaces such as building façades. However, many critical infrastructure components, including bridge and viaduct bearings, sit within narrow crevices and confined spaces that are difficult for conventional drones to enter and often require manual access at height.

METRON is designed to capture crucial data from these hard to reach locations, supporting robust infrastructure monitoring and maintenance, and is synergistic to NovaPeak's existing platform.



Figure 1: Photos of the signing ceremony between NovaPeak and Spinoff

The MOU provides for the following steps towards assessing a combined offering.

Respective scope

- **Spinoff:** the METRON inspection platform, including camera, illumination and optical hardware, sensing and robotics, tethered operating architecture, and on-platform data capture, 3D reconstruction and measurement extraction.

NovaPeak: the LiveInspect.AI platform, including inspection workflows, AI-assisted defect detection and classification, data management, dashboards and reporting, and its accredited inspection and reporting process under SAC TR-78.

Technical integration

- **Data transfer:** the interfaces, data formats and protocols required to transfer METRON capture data into LiveInspect.AI.
- **End-to-end workflow:** the workflow from field capture through 3D reconstruction, component identification and measurement extraction to defect classification, data management and report generation.
- **Accredited reporting:** the extent to which inspection outputs generated using the combined offering can be reported through NovaPeak's accredited reporting pathway.

Go-to-market opportunities

- **Target applications:** prioritisation across transport and rail infrastructure, bridges and civil structures, buildings and façades, industrial facilities, utilities and enclosed structural spaces, having regard to asset criticality, access and safety constraints, inspection frequency and regulatory drivers.
- **Joint demonstrations:** joint demonstrations, proofs of concept and pilot projects with prospective clients whose assets include components in confined spaces.
- **Routes to market:** priority customers, sectors and geographies, and the routes to market available to each party.

METRON Camera Upgrades

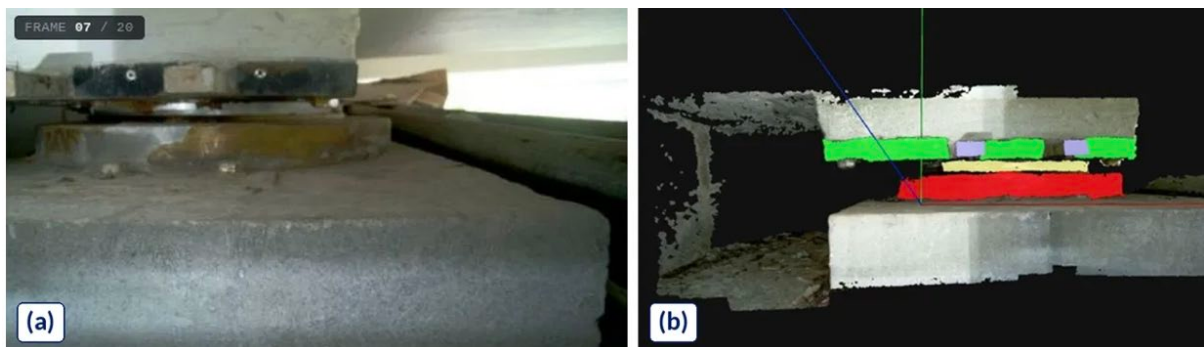


Figure 2: (a) A reference photo of the bearing taken during the inspection. (b) METRON's 3D scan of the same bearing, built from data points captured by METRON's cameras, with key components automatically identified and colour-coded by METRON's AI.

Spinoff is in the process of seeking to upgrade METRON's camera hardware, AI vision models and measurement software. The upgrade is designed to:

- **Accuracy:** target sub-millimetre measurement accuracy in confined spaces.
- **Data quality:** improve image capture under the low light and occlusion typical of viaduct and bridge substructures.
- **Automation:** improve 3D reconstruction, component identification and automated measurement extraction.

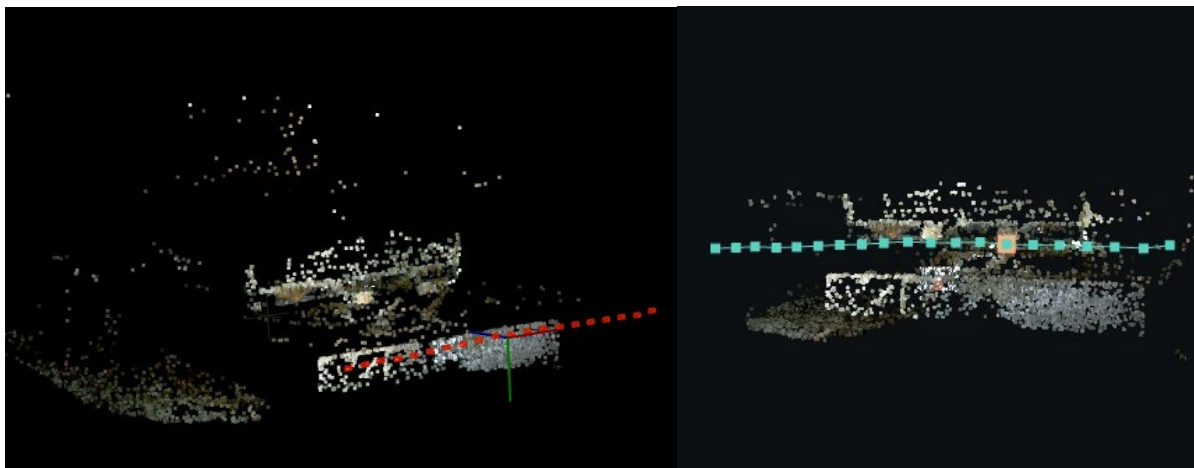


Figure 3: A 3D point cloud reconstruction of a physical bearing, built by METRON from the drone's captured photos. The two images show the same bearing from different viewing angles; the dashed lines are reference markers generated by METRON's software.

Spinoff has expanded the AI training dataset to cover bearing types from multiple manufacturers, enabling the model to recognise bearing geometries and wear patterns not encountered in earlier deployments.

In past validation trials covering more than 50 viaduct bearings, METRON measurements differed from corresponding manual measurements by between 0.0 mm and 1.0 mm.

Spinoff expects that higher accuracy and more consistent data would increase the value of METRON outputs if processed and reported through NovaPeak's platform.

MOU Terms and Next Steps

The non-binding and non-exclusive MOU has an initial term of 12 months and can be extended by mutual agreement with either party able to terminate on 30 days' written notice to the other. Each party has agreed to cover their own costs incurred and the arrangement does not restrict either party from discussing, entering into or implementing a similar transaction or similar relationship with third parties.

The parties will endeavour to evaluate technical integration, validation testing, target applications and go-to-market options through a joint working group. Any commercial arrangement will depend on successful technical validation, customer requirements, any required approvals and the parties entering into binding definitive agreements. There is no certainty that these conditions will be satisfied or the parties will enter into any binding definitive agreement, or that the evaluation will lead to any commercial arrangement, deployment or revenue for Spinoff or the Company.

Dr Tan Chee How, CEO of Spinoff Robotics, commented: *“NovaPeak already inspects at scale, but some of the most critical components sit in spaces that standard drones cannot reach. METRON was built with such spaces in mind. This MOU gives us a framework to test how METRON data could flow through NovaPeak’s platform, and thus collaboration opportunities, and the camera upgrade we are completing is designed to make the data we deliver more accurate and more consistent.”*

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

-ENDS-

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About Nanoveu Limited

Nanoveu Limited (ASX: NVU, OTCQB: NNVUF) is a technology company with four businesses: EMASS (edge-AI semiconductors), Spinoff Robotics (aerial robotics), EyeFly3D™ (glasses-free 3D) and Nanoshield™ (protective coatings).

Further details on the Company can be found at <https://nanoveu.com/>.

EMASS is a fabless semiconductor company specialising in ultra-low-power, AI-enabled system-on-chip (SoC) solutions for always-on sensing and intelligent processing at the edge. Its ECS-DoT architecture enables real-time AI inference at milliwatt-level power, supporting next-generation applications across drones, wearables, hearables, smart devices, industrial IoT, robotics and autonomous systems.

Spinoff Robotics is a Singapore-based aerial robotics company that designs and builds proprietary drone platforms. Its two current platforms are ALICE, a tethered aerial system engineered for high-payload, extended-duration operations with resistance to GPS and radio-frequency jamming and spoofing, and METRON, a camera-based 3D measurement system for confined-space inspection with AI-driven deviation detection. Both platforms have been validated in commercial deployments with Tier-1 Singapore customers. Spinoff Robotics provides drone and sensing capabilities that complement the Company’s ECS-DoT edge-AI silicon across the defence, critical-infrastructure security and industrial inspection markets.

EyeFly3D™ is a comprehensive platform solution for delivering glasses-free 3D experiences across a range of devices and industries. At its core, EyeFly3D™ combines advanced screen technology, sophisticated software for content processing, and the potential for integration with ultra-low-power SoC hardware.

Nanoshield™ includes protective and functional coating technologies designed for use across a range of applications, including solar and other industrial surfaces.

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’, ‘ambition’, ‘anticipate’, ‘project’, ‘target’, ‘potential’, ‘likely’, ‘believe’, ‘estimate’, ‘expect’, ‘intend’, ‘may’, ‘mission’, ‘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.