

CAPABILITY STATEMENT

COMPANY OVERVIEW

THE PURPOSE

This document is composed to assist our clients and the supply chain in understanding our group operating structure along with a high-level understanding of the benefits, services and specialist packages associated with our capabilities.



SONOMATIC



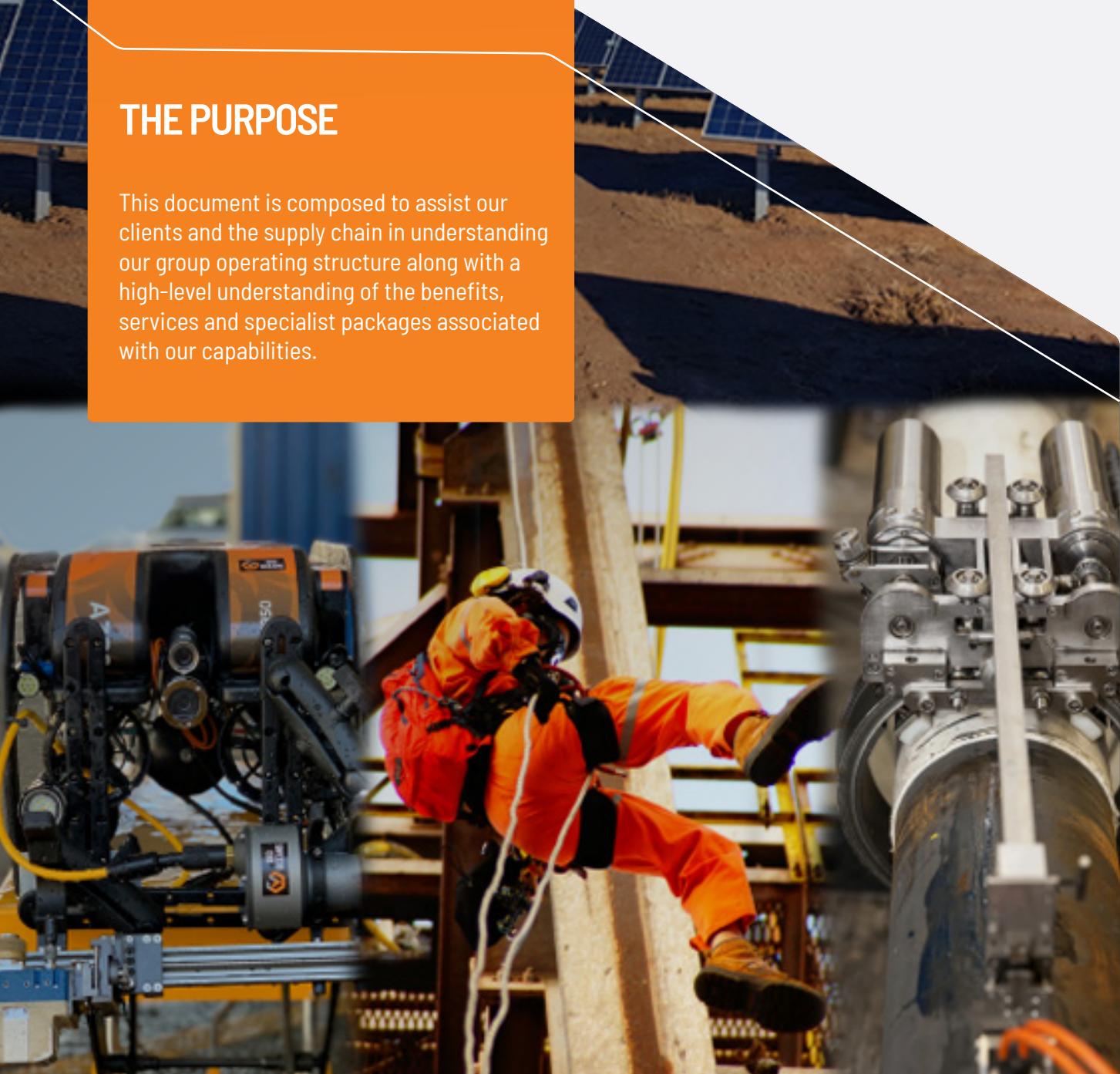
GEO OCEANS



SONOMATIC
RAIS



AUAV

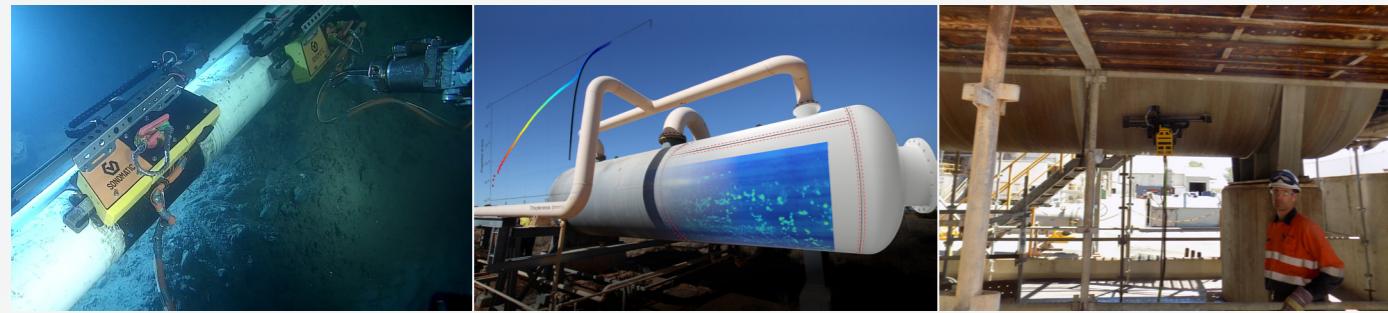


COMBINED SERVICES



Sonomic specialise in the design, development and application of Non-Destructive Testing (NDT) inspections. Since the company's formation in the 1980s, we have combined these NDT processes with integrity engineering capabilities to provide fully integrated inspection packages that directly meet the needs of the client.

Bringing innovative bespoke inspection solutions to the market through in-house development of equipment, software and robotics, Semonic resides as the global leader for ROV-deployed subsea inspection and Non-Intrusive Inspection (NII) technologies.



Teamed with our sister companies, we deliver a comprehensive array of Asset Integrity, Inspection, Non-Destructive Testing (NDT) and Maintenance packages all underpinned by Innovative Specialist Access Systems.

Our group is made up of complementary and specialist service providers assisting us to innovate in project delivery across multiple market verticals. They include; **Geo Oceans** a specialist provider of Mini-ROV IRM services, **Sonomic RAIS** is a leading incumbent NDT Inspection and Access provider – offering Advanced NDT techniques as part of our every day service, and **AUAV**, a specialist Drone and Data Analytics company.

GLOBAL FOOTPRINT



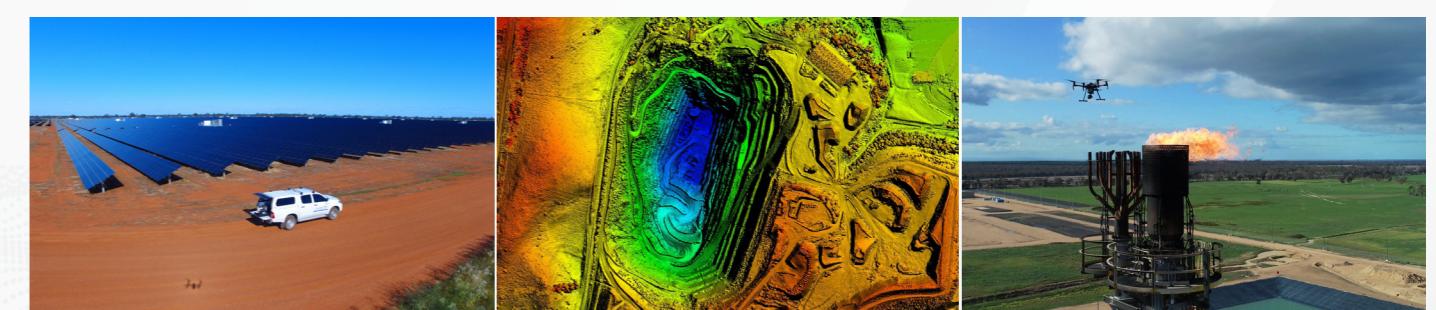
Geo Oceans is an award winning subsea services provider delivering innovative and disruptive ROV inspection solutions to a global client base. We specialise in developing and deploying small ROV systems and subsea robotics directly from assets or vessels of opportunity to provide clients with reliable, safe, low carbon and low cost solutions for managing subsea asset integrity.



Semonic RAIS (Rope Access and Inspection Services) is a leading Inspection provider that supports our operations through conventional and advanced NDT, supported by our IRATA rope access teams ensuring efficiency and safety excellence. Semonic RAIS specialise in incumbent contracts bringing tomorrow's technologies to today's challenges. We take pride in delivering high-quality services and prioritise the provision of innovative and efficient personnel to achieve excellence in project delivery.



AUAV is a drone service provider established in 2013. We offer topographical surveys, LiDAR, inspection, 3D modelling, and bespoke projects. Our team are full-time employees, ensuring quality control. Our proprietary inSite data solution provides consulting, capture, and hosting. We're a top 20 drone service provider globally, certified by the Australian Civil Aviation Safety Authority and insured.



SUBSEA INSPECTION

Sonomatic is a leading provider of advanced subsea inspection technologies, including ROV and diver-deployed robotic systems. With 40+ years of experience, we design, develop, and build our inspection systems and scanners to meet specific client requirements.

Our unique and innovative inspection solutions enable clients to manage the integrity of aging assets while making informed and cost-effective decisions crucial to plant safety and longevity. We have a proven track record of safely delivering subsea inspection services for over four decades.

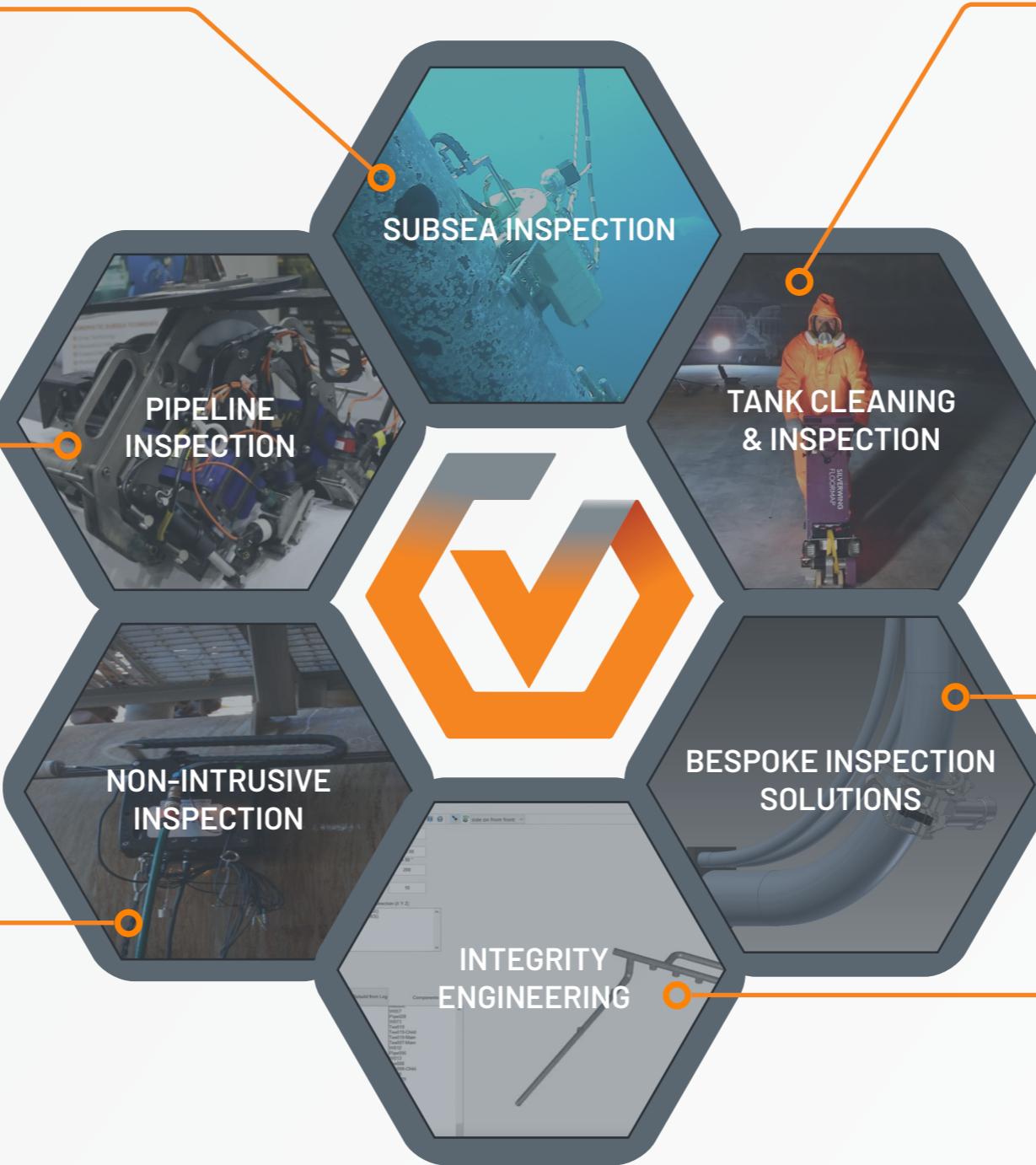
PIPELINE INSPECTION

Sonomatic specialises in pipeline inspections to deliver high-quality data. We offer topside and subsea services to ensure pipeline integrity. We provide innovative statistical analysis methods to help operators make informed decisions regarding pipeline inspection and integrity assessments.

Sonomatic's advanced subsea pipeline inspection services utilise cutting-edge technology to effectively detect potential issues, collect precise data and assess pipeline conditions to ensure the integrity and reliability of underwater energy infrastructure. This reduces downtime, maintenance costs and enhances safety and environmental protection.

NON-INTRUSIVE INSPECTION

Sonomatic is a pioneer in Non-Intrusive Inspection (NII) with global implementation. Our experienced team combines advanced data science and cutting-edge engineering capabilities to offer complete NII campaign services worldwide. We are committed to providing quality solutions that meet the highest safety and efficiency standards while ensuring an auditable trail for each department. NII is becoming an alternative approach to traditional Internal Visual Inspection (IVI) for pressure vessels, with some organisations aiming to eliminate vessel entry by 2026.



TANK CLEANING & INSPECTION

Storage tanks typically contain large volumes of valuable but potentially hazardous fluids. As such, inspection is a critical element of the integrity management of storage tanks. The objective of the inspection is to provide information on the tank's condition. This information should be used to support effective integrity management decisions. Historically, storage tank inspection has relied on entry with the tank out of service. Opening storage tanks for internal inspection is a lengthy and challenging process.

The tank will be unavailable during the internal inspection and must be drained and cleaned before entry is possible. There are also safety hazards associated with personnel entry for inspection. Remote Internal Inspection (RII) methods offer an attractive alternative as they can be conducted whilst the tank is in-service and do not require vessel entry. Sonomatic's technicians are experienced in using various inspection techniques on numerous assets in many environments.

BESPOKE INSPECTION SOLUTIONS

Sonomatic is a relationship-driven company that constantly provides its clients with the best possible service using the most specialised technology. We always offer a bespoke solution to individual projects by selecting the most appropriate products and techniques from our wide range of equipment and modifying them to suit.

INTEGRITY ENGINEERING

Sonomatic's Integrity Services Department provides engineering and operational support to clients, combining experience in the field with specialised engineering, planning, execution, data analytics, statistical methods, and custom software development. We specialise in advanced non-intrusive inspections and provide objective analysis through effective planning. Sonomatic's practical statistical methods for inspection planning through simulation position us to support the integrity management sector's transition to increased data-driven decision-making.

WATER BALLAST AND CARGO OIL TANK INSPECTIONS

Utilising advanced ROV inspection technologies, GVI, CVI, UTM and other NDT methods, we conduct tank inspections to meet the specific class requirements of each asset.

Our tank inspections are performed without emptying the tank of fluid, thereby reducing facility downtime while avoiding costly and dangerous Confined Space Entry (CSE) procedures.

HULL & MOORING UWILD / IN-WATER SURVEYS

We deploy our ROVs directly from the facility, eliminating the need for costly carbon-emitting support vessels.

Periodic or special surveys are tailored to the individual assets, considering the client's age and condition, class requirements and engineering needs.

Cleaning General and Close Visual Inspections are performed and supported with cleaning, CP, UTM, penetration isolations, sea chest blanking, angle measurements, chain gauging and other NDT inspections as required.

Remote live data feeds can be supplied to support remote inspection and class attendance.

JACKETS, RISERS, SUBSEA FIELD INSPECTION

We have extensive experience performing ROV inspections of jackets, caissons, risers, mooring systems and subsea infrastructure, including pipelines, spools, wellheads and anode skids. We can deploy directly from platforms or vessels of opportunity.

Inspections and ROV interventions include anything from GVI/ CVI, freespan, CP, UTM, FMD, marine growth assessment and spot cleaning to bulk cleaning, dredging, advanced NDT inspections (e.g. corrosion mapping, crack detection) and subsea repairs.



METROLOGY AND PHOTGRAMMETRY

Our Mini-ROV inspection systems include imaging technologies for accurate size and area measurements. A camera array (stereo or mono) acquires high-definition video and images that can be processed for scaled measurements and 3D modelling.

The 3D models can calculate size and area measurements for localised corrosion mapping purposes or quantitative assessment of the remaining anode percentages. These 3D models can also be compared against the 'as built' (baseline) model of the anodes to create a 'deviation' model that displays the level of material loss.

SUBSEA ADVANCED NDT INSPECTION

Working in collaboration with Sonomatic, Geo Oceans has extensive experience in the development and ROV deployment of miniaturised subsea advanced NDT inspection tools to create high-accuracy corrosion maps of sections of pipelines, spools, hulls, infrastructure or to survey critical welds.

MARINE HABITAT SURVEYS USING GO VISIONS™

Geo Oceans has an award-winning benthic habitat mapping and monitoring capability utilising the GO Visions™ software to support regulatory environmental approvals for new construction projects (wharves, jetties, pipelines, offshore wind farms) or for decommissioning projects (pipelines, subsea cables, wells, jackets, nearshore infrastructure).

NON-DESTRUCTIVE TESTING (NDT)

Sonomatic RAIS offers Non-Destructive Testing(NDT) services to companies across a multitude of industries that possess assets or infrastructure. Our comprehensive range of conventional and advanced NDT services ensures our clients receive first-class deliverables. As RAIS continues to grow and evolve within the modern market, we utilise the latest technologies to ensure we deliver the best results to our clients whilst ultimately saving time and money.

With over 40 years of experience in the inspection industry, Sonomatic RAIS provides highly trained PCN-qualified technicians to perform a number of advanced non-destructive testing (NDT) techniques that work to ensure reliable operating processes within regulations, codes, and to our various accreditations.

SPECIALIST MAINTENANCE

Underpinned by our holistic range of specialist access systems and supported by our inspection teams, Sonomatic RAIS is able to provide a best-in-class high mobility maintenance, upgrade, repair, or remediation service to operators, asset owners, or tier 1 maintenance partners. Sonomatic RAIS has consistently delivered excellence on some of the most complex maintenance and brownfield projects across the operating phases of an asset's lifecycle.

Through delivering a multi-disciplined and experienced team to complete both the access and the implementation works, our clients receive the full spectrum of safety, cost and efficiency benefits that come with maintenance, upgrades, and repairs to a range of business projects.

IN-SERVICE INSPECTION

All engineered equipment has a finite life cycle and deteriorates over time with use. Sonomatic RAIS provides comprehensive in-service and offline inspection services, using our knowledgeable and experienced inspectors, across a range of industries to assist our clients with their asset integrity management and ensure industry compliance with code, statutory regulations and legislative requirements.



SPECIALIST AND ROPE ACCESS

Sonomatic RAIS offers a wide variety of services that include inspection, work at height consultations, suspended working platforms, tensioned netting systems, confined space work, confined space rescue cover and many more. These services can be carried out across all sectors, including but not exhaustive to offshore/onshore oil and gas, petrochemical industries, renewable energy industries, civil engineering, the built and natural environment.

Sonomatic RAIS is a leading provider of specialist industrial rope access services with vast experience within the industry and will supply experienced multi-skilled technicians that look to exceed our client's expectations, our management team will diligently project manage all work from conception to completion.

ACFM - TANK INSPECTION

The Alternating Current Field Measurement (ACFM) technique detects and sizes surface-breaking defects on and around rough welds through several millimeters of non-conductive coating. This eliminates the costly process of paint removal and recoating required with Magnetic Particle Inspection (MPI), making ACFM four to five times cheaper. ACFM is also highly effective for inspecting storage tank welds, supplementing corrosion mapping and detecting large cracks often missed by MPI. Overall, ACFM is six times less expensive than MPI and provides more reliable, data-rich inspections for asset owners.

FABRIC MAINTENANCE

Sonomatic RAIS have multi-disciplined teams to carry out rope access, application of coatings, quality control, insulation and cladding. By delivering these integrity services, our clients can achieve long-term asset integrity. We support our clients to identify medium to long-term integrity requirements to suit their specific asset needs and assets' life expectancy.

AERIAL SURVEY & MAPPING

AUAV offers top-tier aerial surveying and mapping services using state-of-the-art drones and skilled surveyors. We aim to provide the highest quality results with centimetre-level accuracy, enabling our clients to make agile decisions. Our maps and survey data have a 1-3cm resolution per pixel, and our 3D terrain models are accurate to approximately 50mm horizontally and 50-80mm vertically.

3D DIGITAL TWINS (InSite)

AUAV's InSite software is a cloud-based drone data presentation and asset inspection platform. Its features include 3D site capture, integration with other systems, customisable options, and versatile data display capabilities. The software is geared towards clear data capture, essential for in-depth analysis and informed decision-making in drone operations and data processing services.

DETAILED CLOSE VISUAL INSPECTION

Drones are crucial for detailed, safe, and efficient visual inspections in infrastructure maintenance, construction, and energy. With high-resolution cameras and advanced stabilisation technologies, drones can inspect structures like bridges, wind turbines, and high-rise buildings, reducing the need for human inspectors in dangerous or hard-to-reach areas. The agility of drones captures a wider range of angles and perspectives, providing comprehensive visual data that speeds up the inspection process, increases accuracy, and improves maintenance decisions. Using drones exemplifies the integration of technology in modernising and optimising industrial and maintenance practices, making them safer, more efficient, and cost-effective.



LiDAR

Drone-based LiDAR is an aerial surveying technique for generating point cloud data for topographical surveys. AUAV has extensive experience in collecting, processing and delivering LiDAR data for mining, engineering power sector and environmental clients. With hundreds of points per square meter, the data is beneficial for surveying areas with vegetation, analysing power line infrastructure and landslip analysis.

THERMAL

Aerial thermography provides an efficient method for capturing temperature anomaly data over large areas. Typical uses include the identification of underground fires, solar farm defects, gas leaks and potential water ingress behind concrete structures. The most widespread use of drone-based thermal capture is on grid-scale solar assets, where data on up to 700,000 panels can be captured in a week.

AERIAL PHOTOGRAVEMETRY

Photogrammetry is the term used for creating very accurate 3D data from photographs. This is a speciality of AUAV, where our team routinely captures and processes models with 100,000 high-resolution images to create digital twins of assets. These digital twins have resolutions between 1cm and 1mm, enabling the engineering inspection of assets, tendering for remediation or demolition, facilitating design works or various virtual reality applications. AUAV have developed a bespoke online platform, inSite.

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