

CAPABILITY STATEMENT

REMOTE DIGITAL VISUAL INSPECTION SERVICES

THE PURPOSE

This document is composed to assist our clients and the supply chain to understand our group operating structure along with a high-level understanding of the benefits, services, key people and equipment associated with our world leading Remote Digital Visual Inspection and Robotic Services.



COMBINED SERVICES

The bringing together of the services and specialisations provided by Vertech, Geo Oceans and Sonomatic couldn't be more complimentary or interlink more seamlessly with a combined offering including Remote Digital Visual Inspection, alternative access, Mini ROV's, conventional and advanced NDT, integrity management and specialist maintenance packages all within one group.

OWNERSHIP STRUCTURE



OPERATING STRUCTURE
(Australia & New Zealand)



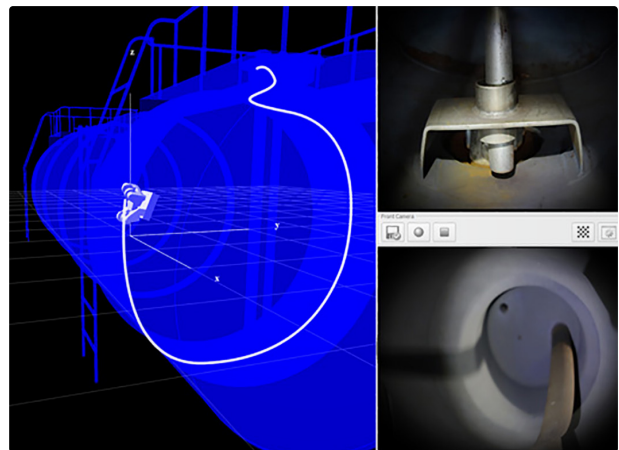
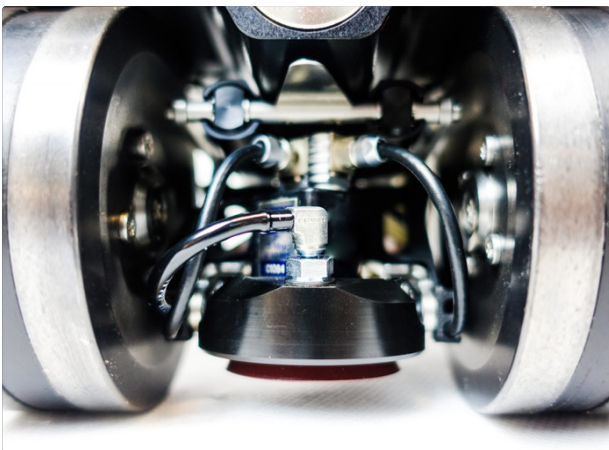
OFFICE LOCATIONS



REMOTE DIGITAL VISUAL & ROBOTIC SERVICES

Remote Digital Visual Inspection or RDVI is the use and application of remote digital systems such as cameras, robots or crawlers to internally inspect and assess difficult to access areas such as pressure equipment without the need for intrusive inspections and the associated Confined Space Entry. RDVI methodologies work for condition assessment, process efficiency assessments and foreign object search and retrieval (FOSAR).

Vertech is absolutely privileged to offer not just the latest generation RDVI systems but also provide the very best people in Australia and New Zealand. The equipment and supporting tooling we use has been custom designed and fabricated to suit specific requirements within the sectors in which we operate to ensure a best in class outcome and safety excellence to all projects that we undertake.



RDVI SERVICES

- Front End Engineering Design consultancy and planning – Pre-inspection planning, assessment
- RDVI Specific Inspection and Test Plans - Vessel Access Plan Development
- Hydrocarbon Enriched Atmosphere inspections – In-service inspection of pressure systems
- RDVI In service inspections to AS/NZ standards – Foreign object search and retrieval
- RDVI Workpack construction – Custom report templates

RDVI BENEFITS

- Increased safety by reducing personnel exposure – Reduction in CSE requirements
- Reduction of shut down costs – Minimises plant preparation
- Improved inspection repeatability – Reduction of shutdown times
- Reduces intrusive inspections requirements – Reduction of permit and isolations
- Increased inspection coverage – Improves maintenance planning
- Using latest technology – Alignment with other NII techniques

EQUIPMENT SOLUTIONS

To ensure we always have access to the latest generation of equipment, tooling and software with immediate technical solutions support Vertech have put in place a collaboration under a contracted agreement with Nexxis for our RDVI services.

Nexxis specialise in a solution and outcome focused approach. With their equipment expertise, in-house technical support and Global Collaboration network, Nexxis are able to deliver a solution that goes beyond merely providing hardware. Collectively, we provide specialised and unrivalled capabilities in Remote Digital Visual Inspection to provide customised solutions to our customers.



OF THE PARTNERSHIP WITH VERTECH, NEXXIS SAID:

"We pride ourselves on our ability to collaborate, adding value through connecting. We network in order to bring together our value supply chain components and create beneficial relationships for our clients benefit.

We're extremely excited around this partnership and what it means for the asset owners and operators across the Asia Pacific."

SUPPLY CHAIN



Custom Solutions | System Integrators | Research Institutions | Service Providers | Component Suppliers | Supply Logistics

EQUIPMENT PLATFORMS

RDVI ROBOTIC CRAWLER SYSTEMS



PIPELINE /PIPING CAMERA & CRAWLER SYSTEMS



RDVI CAMERA & VIDEO SCOPE SYSTEMS



TYPICAL CAPABILITY UTILISATION

- HD digital visual in service inspection of pressure equipment
- HD Digital visual inspection of confined space
- Remotely operated foreign object search and retrieval
- Remotely operated non-destructive testing
- Remotely operated specialised NDT
- Remotely operated vacuum recovery unit
- Remote 360 degree asset visualisation
- Remotely operated laser scanning and measurement

VERTECH OVERVIEW



Veritech are a Specialist Access, Inspection and Maintenance provider. We pride ourselves on our client focus with an emphasis on supplying high value, innovative and quality services to achieve excellence in all the projects we execute.

We apply world's best practice based on extensive industry experience to excel in industries where safety, quality and reliability are of the highest importance. The core value we place above all others is our care for each other, our clients and the environment.



PROJECT DELIVERY



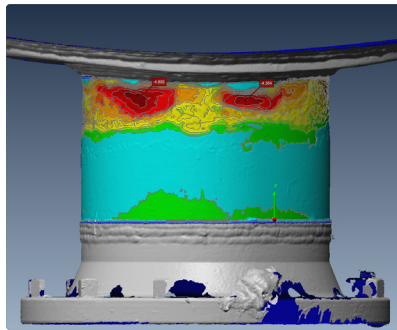
MARINE CLASS SURVEY



SPECIALIST ACCESS



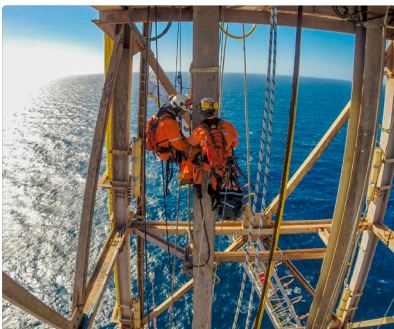
NDT INSPECTION SERVICES



INTEGRITY MANAGEMENT



REMOTE DIGITAL VISUAL INSPECTION



SPECIALIST MAINTENANCE PACKAGES



IRATA TRAINING



MORE
CASE
STUDIES

[veritech.com.au/downloads](https://www.veritech.com.au/downloads)

SONOMATIC OVERVIEW

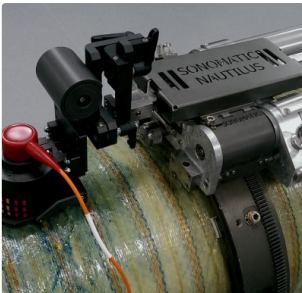


Sonomatic is a worldwide organisation whose expertise in ultrasonic inspection design, development and application, dates back more than 30 years to our roots in the nuclear sector. Today the company has widened its focus and provides proven yet pioneering services to customers in defence and power generation, but their largest client base is in the challenging oil and gas industry, both upstream and downstream.

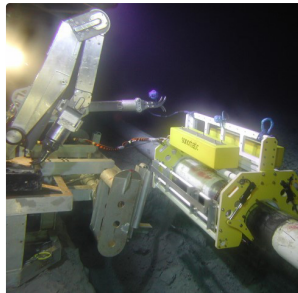
Sonomatic's capabilities for the development of software, systems and scanners, often for bespoke applications, coupled with the expertise of our engineers, means we are among the leaders within this highly specialised field.

Sonomatic pioneered industrial application of a range of inspection methods now widely used, e.g. Time of Flight Diffraction (TOFD), and continues with active development of innovative inspection and deployment methods that are applied by our team of experienced field service engineers.

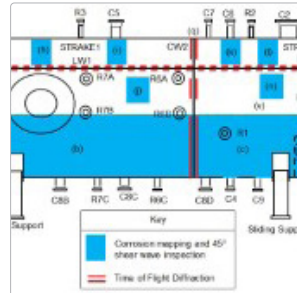
Sonomatic also provides Integrity Services, supporting our clients with planning and evaluation of inspections and using advanced statistical methods to maximise the value of data obtained. Integration of our integrity and inspection services for non-intrusive inspection (NII) benefits the client by allowing vessels and equipment suitable for NII to be identified and reduces the need for costly plant shut downs to assess the internal condition.



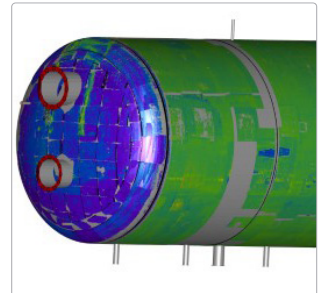
ADVANCED NDT INSPECTION



SUBSEA INSPECTION



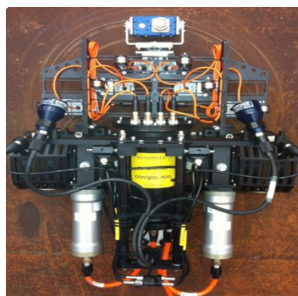
INTEGRITY SERVICES



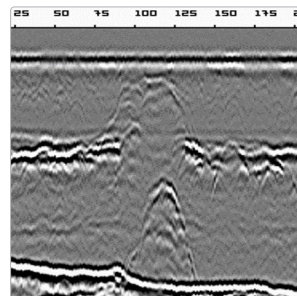
NON INTRUSIVE INSPECTION



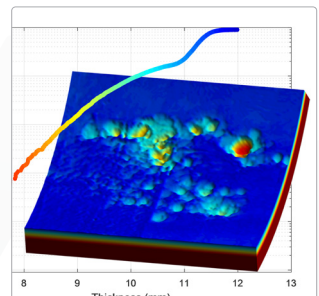
RESEARCH AND DEVELOPMENT



ROBOTICS INSPECTION



WELDING ENGINEERING



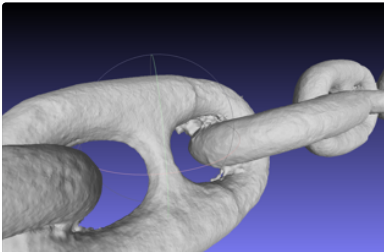
DATA SCIENCE

GEO OCEANS OVERVIEW



Geo Oceans develops innovative mini-ROV technology to provide clients with asset deployed ROV inspection services. The Mini-ROV Class Survey System (CSS) consists of advanced sensor, tooling and manipulator technology that has been developed by Geo Oceans to provide cost savings compared to traditional diver and work-class ROV methodologies.

Geo Oceans also work with Vertech to provide our clients with industry-leading and turnkey Class inspection services using Remote Access technologies. Sonomatic compliment this team by bringing Specialist Advanced NDT services which are deployed using the mini-ROV CSS.



3D COMPONENT MODELLING SERVICES



ADVANCED SUBSEA NDT SERVICES



ASSET DEPLOYED INSPECTIONS



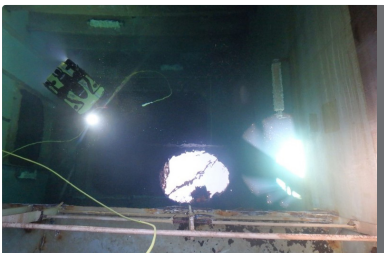
LIGHT TOOLING SERVICES



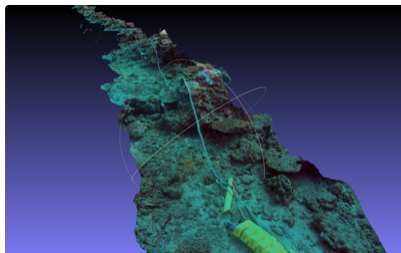
UNMANNED (ROV) HULL SURVEY PACKAGE



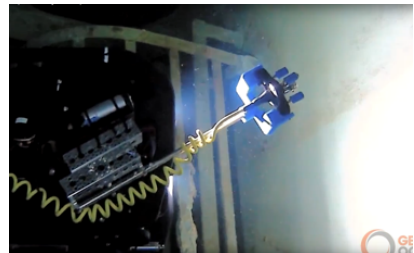
FIXED PLATFORM MINI-ROV PACKAGE



UNMANNED (ROV) CLASS TANK INSPECTION AND NDT PACKAGE



UNMANNED MARINESCIENCE & SURVEY PACKAGE



SUBSEA CONSTRUCTION & DECOM SUPPORT SERVICES

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