



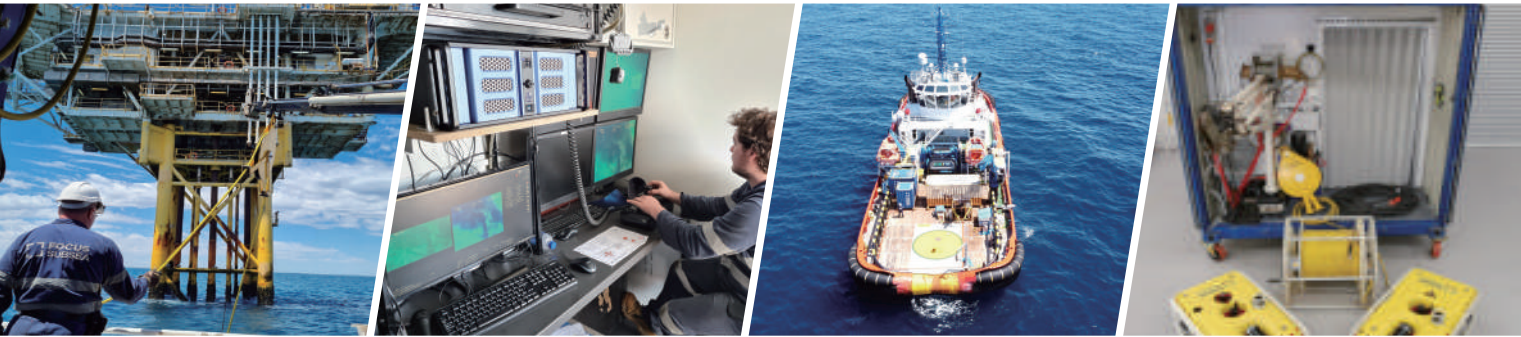
FOCUS TECHNOLOGY SOLUTIONS

Focus Technology Solutions specialises in ROV inspection, data collection, operational support and technical services for a range of offshore and onshore projects.

-  RELIABLE
-  EFFICIENT
-  INNOVATIVE
-  ACCOUNTABLE

ABOUT US

Western Australia headquarters with support bases in Singapore and the UAE.
 Providing you with a highly efficient and safe means of in-water inspection and engineering services.
 Long and successful history in executing Remotely Operated Vehicle (ROV) tasks.
 Leading provider of innovation and solutions for difficult and complex tasks.
 We use common sense, backed up with years of experience and high standards.



OUR CLIENTS



ACCREDITATIONS



SERVICES

UWILD

Let us help you with your survey planning & procedures. The UWILD procedure needs to be formatted to meet Classification Society survey requirements while outlining the ROV preparation, inspection sequence and procedures. Focus Technology Solutions provide ROV specific UWILD inspection capability.

ADVANCED NDT

Focus Technology Solutions is experienced with a range of NDT techniques, the attending Class surveyor can witness real time video and NDT readings including Alternating Current Field Measurement (ACFM), Eddie Current (EC), Ultrasonic Thickness Testing (UTT), Cathodic Potential (CP) both on-site or remotely. With our ROV in-house tooling, equipment, we can provide high accuracy details and the most relevant data in the harshest working environments.

ADVANCED IMAGING & SENSORS

Focus Technology Solutions is specialized in the latest Motion Amplification/Vibration Analysis. This unique and innovative approach is able to provide data which cannot be detected in either GVI/CVI or NDT, providing critical and reliable information on the assets defects and fatigue level.

Our 3D imaging technique enables the use of photogrammetry and laser/sonar scanning to accurately capture all types of underwater assets in 3D data which can provide critical dimensional verification, this technique can provide significant cost savings and reduce engineering time for condition reporting.



DECOMMISSIONING SERVICES

Focus Technology Solutions is the Asiapac agent for Laytrix Marine Technologies. Laytrix products have been designed for maximum utilisation at minimal cost with functionality covering pipelay, cablelay, decommissioning and subsea handling.

Laytrix systems are based on the use of a vessel of opportunity meaning our equipment is designed for cost effective temporary installation on a permanent installation or long term charter. Laytrix methods are field proven designs, providing innovative ways to reduce costs, maximise efficiency and minimise risk.

MANUFACTURING & FABRICATION

Our diverse team has a proven track record in design and fabrication, machining and welding. We offer a wide range of services, including fabrication welding, fabrication of deck grillage, installation aids, cable chute, CNC machining, to meet clients' project requirements.

We work closely with our specialist manufacturing sister company, FTE Engineering, who offer CNC machinery, mills, welding, 3D printing equipment.

TECHNICAL SERVICES

Focus Technology solutions are well equipped to provide welding, electrical/electronics design and consulting services. We continually provide technical support services to on and offshore clients, and repairing marine equipment, ROV sensors, subsea controls, cameras, and most ROV tools and sensors.

Focus tech solutions have a large inventory of equipment that can be hired at very competitive rate, all equipment is designed and maintained to a high standard.

ROBOTIC IN-WATER CLEANING

Focus Technology Solutions has a range of in-house cleaning capabilities (including HP cleaning and Cavi-cleaning), including use of ROV on marine growth removal, eliminating need for divers and reducing your exposure to risk.

We are experienced in large area underwater non-damage cleaning, and partial cleaning on the structures that require visual inspections or NDT for the future assessments or condition monitoring.

MARKETS

OFFSHORE

- MODU Jack Up - Semi Subs
- FPSO
- Pipelines
- Fixed platform
- Risers
- Wind Turbines
- Moorings
- Construction support
- Decommissioning support

CIVIL

- Jetties
- Dams
- Water tanks
- Tunnels
- Wells
- Power stations
- Desalination plants



DEFENCE

- Hull survey & cleaning
- Port security
- Ordnance survey
- Submarine rescue support

ENVIRONMENTAL

- Benthic surveys
- Seabed sampling
- Debris survey
- Habitat mapping

EQUIPMENT

Focus Technology Solutions has a range of ROV capability from micro to Light Work class ROV to meet our clients requirements.

ROV

SEAEYE FALCON +



- The industry standard observation class ROV for inspection, survey inshore and offshore, the Falcon + is a versatile platform.
- Can be deployed in a fully self-contained single lift (6' or 10') container.
- The Seaeeye Falcon is an electrically propelled ROV with an impressive power to weight ratio.
- Useful payload for multiple sensors and tooling including grabbers, cutter, probes, jet/brushes, 3D sonars, navigation suites.
- Ethernet Connection providing up to 2xHD IP camera and 2 x RS 232 & 2xRS485 for sensors.

ARGUS ROVER



- The Argus Rover is a proven system capable of supporting drilling, survey and IMR operations.
- Deployed with 10' control container, 6' workshop and compact LARS.
- Capable of carrying a variety of subsea ROV tooling such as hydraulic tools, cutters, seabed sampling and survey sensors.
- The Argus Rover is a compact and efficient electrically propelled ROV which has a large payload.
- Depth rating up to 500m and equipped with a 4 function manipulator.
- The Argus Rover's fibre optic data transmission enhances the capability to deploy more intelligent sensors.
- Full 1080 HD video quality.

Micro ROV



- The micro inspection class ROV is ideal for shallow water and confined space surveys. You can expect a fast mobilisation and deployment
- Eliminate the need for heavy equipment and set up.
- The micro ROV can be both battery and tether powered with 100m depth rating.
- Useful interface to add extra thrusters, LED lights, cameras, sonar, gripper, and navigation sensors.
- Full 1080 HD video quality, ethernet connection providing up to 2xHD USB camera streaming.

CAMERAS

MOTION AMPLIFICATION CAMERA



Overview:

The FOCUS M™ has revolutionized the way companies monitor billions of dollars' worth of plant machinery, process lines, structures, engineering design processes, and much more.

Application:

- Compressor & piping check
- Motor & pump base check
- Imbalance check
- Misalignment & looseness detection
- Infrastructure structure analysis

ANCHOR MONITORING CAMERA



Overview:

The anchor monitoring camera allows the deployment and retrieval of secondary anchors offline, by ensuring anchors wires and chains do not hang up or catch on the rig structures during mooring operations that

Application:

- Rigs & Moorings
- Drilling support
- Piping support
- Construction & Decommission support

DOWNHOLE CAMERA



Overview:

Focus Technology's internal drill string cameras are compact, robust and intuitive. The FS-5PTID is capable of inspecting depth down to 500m and features automatic level winding and recording capabilities.

Application:

- Rig & turbine inspection
- Well inspection
- Tunnel inspection
- Construction & Decommission support
- Bore Holes

NDT EQUIPMENT



Overview:

Focus Technology Solutions supplies ROV mountable NDT equipment for a wide range of applications above

Application:

- Oil and natural gas platform surveys
- Jetties and pontoon surveys
- Testing pipelines
- Decommissioning of oil platforms.
- Infrastructure corrosion measurements
- Coating measurements

Products:

- Ultrasonic Thickness gauge
- Cathodic Protection Gauge
- Flood Member Detection

DIGITAL LOGGERS

DOWNHOLE GAUGE SYSTEM



Application:

- VSD Remote Control
- Well Fluid Levels
- Pump protection
- Water levels for CBM dewatering

Overview:

Focus Technology Solutions downhole gauge system is designed for monitoring pressure and temperature of subsurface wells to depths up to 4000 meters for oil, gas or water etc. The VSD control option and a GSM connection allow you to control the pump speed remotely. Proven and reliable system for your well monitoring.

TORQUE LOGGER



Application:

- Torque make and break logging
- Automatic connection control
- Manual torque machines
- Can be used with tongs
- Load cell or pressure based torque capture
- Encoder input for turns
- Dump valve output

Overview:

Field proven and reliable logging of tubing connections for torque machines. Large user base worldwide.

MINI TORQUE LOGGER



Application:

- Torque make and break logging
- Manual connections
- Can be used with tongs
- Load cell or pressure based torque capture
- Encoder input for turns
- Dump valve output

Overview:

This is the ideal logger for stroking or manual tong based torque machines. Digital recording and printout of makeup and breakout of tool connections. Can double up as a pressure logger with alternative

JAR TESTER



Application:

- Jar Tester logging
- Pressure logging

Overview:

Log push and pull loads to record loads required to reach firing point. Printout to PDF or wireless printer. Can also double up as a pressure logger with alternative software. Easy touch interface for control.

CLEANING EQUIPMENT

FALCON HIGH PRESSURE UNIT



- ☐ Light weight
- ☐ Fast deployment
- ☐ ROV deployed

Application:

- Light marine growth removal
- Above and underwater cleaning

Overview:

The Jetwave® Falcon™ 200-21 is the perfect electric pressure washer for various cleaning applications. Incorporating quality Italian and global components, the Falcon™ is engineered, assembled and packed with style and high grade features.

1228G CAVI-BLASTER



- ☐ Light weight
- ☐ ROV/diver deployed
- ☐ Non-coating damage

Application:

- Medium Marine growth removal
- Boat hull cleaning
- Jetties partial cleaning

Overview:

1228G is a compact and lightweight system with superior cleaning performance utilizing the Ultra-Cavitation technology which brings no damage to the coating or object.

2828D CAVI-BLASTER



- ☐ Compact unit
- ☐ ROV deployed
- ☐ Non-caoting damge

Application:

- Heavy marine growth removal
- Offshore rig & pipeline cleaning
- Hull cleaning
- Sea chest cleaning

Overview:

2828D unit is our most powerful unit that generates a super stream of high velocity cavitation for highly efficient cleaning, that can strip fouling and corrosion to bare metal if desired.

PROJECT EQUIPMENT



Overview:

Focus Technology Solutions have a range of electrically and air driven Winches and Davits that are robust and designed for vehicle and sensor deployments

Products:

- Control console
- Winches
- Davits
- Haib
- 6ft & 8ft containers
- General marine instrumentation
- Piston corer handling

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