RELIABILITY, SERVICE, SUPPORT.

With hands on industry experience GVS Reliability Products Pty Ltd (GVS) knows that Industrial Plant and Asset reliability is critical. We offer a wide range of Vibration Analysis, Motion Amplification, Ultrasound and Oil analysis equipment to monitor the health of your plant. Known for the supply of quality hardware, outstanding communication and after sales support, GVS have been working with a wide range of customers and industries since 2007. We are proud to now be the leader in Asia Pacific for the supply of condition monitoring hardware.
HANSFORD SENSORS

EXCELLENCE IN VIBRATION MONITORING

Hansford Sensors design, develop and manufacture a wide range of high performance industrial accelerometers, vibration transmitters (loop powered sensors), cable assemblies, industrial enclosures and ancillary equipment.

Hansford products are used globally by the world’s leading companies. In each case delivering an unrivalled combination of product quality and reliability, prompt delivery, competitive prices and outstanding customer and technical support.

Hansford’s industrial accelerometers and vibration transmitters play a vital role in predictive or preventative maintenance and condition monitoring routines, for all forms of rotating shafts and machinery; this includes pumps, fans and motors. Data can be captured locally or remotely using PLC, BMS or 4-20mA input modules, while the comprehensive range of cables, connectors and accessories make installation and operation quick and simple.

VIBRATION MONITORING EQUIPMENT

Our range of products provide you with everything you need to monitor vibration in many different applications in the industrial, process, power generation, marine and building service sectors. We also offer customised solutions for special purpose OEM systems, white label accelerometers for our many partners around the world, and a full range of customer support services.
RDI TECHNOLOGIES

The world’s first non-contact motion amplification platform

Iris M from RDI Technologies is the first device of its kind that allows users to see - in real time - motion that is unseen to the human eye. This patented Motion Amplification™ technique lets you see the invisible.

The Iris M platform from RDI Technologies monitors critical manufacturing operations, processes, quality and structural components that affect plant reliability and productivity. Iris M is a unique, revolutionary technology that detects subtle motion and amplifies that motion to a level visible with the naked eye. By turning every pixel in the camera into a sensor, Iris M takes millions of measurements in a fraction of a second. And it does this with no physical connection to your machinery or equipment.

REVOLUTIONISE AND TRANSFORM YOUR ABILITY TO SOLVE VIBRATION AND MOTION RELATED PROBLEMS IN YOUR PLANT WITH RDI’S MOTION AMPLIFICATION TECHNOLOGY.

- Piping Vibration
- Reciprocating Engine and Compressor motion
- Unbalance
- Misalignment
- Soft foot
- Structural looseness
- Resonance
- Structural cracks
- Structure stiffness and support
- Torsional twisting, bending and flexing
- Excessive transient loading
- Ineective damping
- Vibrating screen motion analysis
- Oscillating motion analysis
- Drive transmission faults
- Belts, chains, couplings, cardan shafts
ULTRASOUND TECHNOLOGY

HAVE YOU BEEN LISTENING?

Ultrasound is noise above the human range of hearing (20KHz+). By its very nature, industrial plant and machinery (mobile and fixed) will constantly create Ultrasound that operators simply cannot hear. By employing the SDT range of sophisticated Ultrasound detection equipment, you can start listening to the story that your plant is telling you.

SDT 270 & 200
Advanced, uncomplicated, efficient.

SDT’s 270 and 200 Airborne and Structure-borne ultrasound monitoring hardware will return value to your maintenance and reliability programme by helping you detect:

- Compressed Air Leaks
- Real-time Lubrication issues (too little and too much!)
- Bearing and gear fatigue
- Electrical faults
- Compressor malfunction
- Internal valve leakage
- Pump Cavitation
- Steam trap problems
- Slow speed bearing issues
- Tightness testing

Ask GVS Reliability Products how an Ultrasound inspection program can benefit you and the assets your company values.

LUBEXPERT

Poor greasing practices are the leading cause of bearing failure. Almost all lube departments re-grease on a wasteful calendar-based schedule. This is not best practice and inherently leads to over and under greased bearings. Poorly lubricated bearings will fail to deliver their engineered value.

Grease reduces friction in bearings. Less friction means longer life. LUBExpert alerts you when friction levels increase, guides you during re-lubrication, and prevents over and under lubrication. LUBExpert tells us when to grease... and when to stop! It is a revolution in the lubrication industry.

Ask GVS Reliability Products how a LUBExpert program can benefit you and the assets your company values.
LUNETA

Luneta has created a range of inspection tools and accessories that are both versatile and robust, thus expanding your abilities to monitor the condition of your oil/lubricant, giving you a better picture on the health of your machine.

THE HUB

The Hub delivers more port versatility than anything else on the market. Having four lateral ports allows you to install oil level sight glasses, BS&W Bowls, sample valves, drain valves, filter cart, etc. all at the same time. And with a high flow sample port, the Hub can tackle any sampling needs you have.

CONDITION MONITORING POD (CMPOD)

This multi-parameter inspection pod lets you quickly observe oil level, colour and clarity, oil aeration and foaming, corrosion, varnish, wear debris and much more. You will quickly identify root causes and symptoms of failure that would have previously gone undetected.

3D SIGHT GLASS

Luneta’s 3D Sight Glass has all the clarity and durability you need, with none of the leaks, cracks or squinting you may be used to with those old-style sight glasses. You’ll never have to use fragile, dark, hard-to-read sight glasses again!

BREATHERS

Luneta Breathers absorb water from the air before it enters your fluid system and removes contaminants as small as 2 microns. The silica gel changes colour from gold to green making it easy to identify the condition. Perfect for gear boxes, hydraulic fluid reservoirs, bulk storage tanks, oil drums, oil-filled transformers.

ACCESSORIES

Sampling kits, Tube Benders, Magnetic Plugs, Corrosion Indicators, Adaptors and more.
WIRELESS VIBRATION & TEMPERATURE TRANSMITTER

The GV-700 VIBE PORT wireless vibration system is purpose built for the condition monitoring market. By utilising advances in wireless technology, the GV-700 Vibe Port is highly flexible, employs no restrictive back end software and removes the need for expensive and susceptible cable runs.

The Vibe-Port is designed to accept ANY constant current accelerometer and to communicate with ANY commercially available vibration data collector.

**Features**

- Previously inaccessible bearings can now be monitored
- No software
- Plug and Play solution
- Use of any industrial accelerometer
- Use any vibration data collector
- Vibration and temperature monitoring
- Industrial SS housings
- Availability of real time ‘AC’ mV/g and Temp data
- Up to 8 transmitters linked to a receiver
- Tested and proven in the Pilbara
- 2.4GHz radio link and Ethernet transmission options

OUR COMPANY

GVS Reliability Products was formed in 2007. GVS provide high quality industrial reliability and condition monitoring solutions to the Australia, New Zealand and Pacific market.

OBJECTIVES

From day one, GVS Reliability Products goals have been to offer a fantastic product, with unrivalled service and support, while maintaining a competitive price. By meeting these key objectives, our customers industrial plant and asset health will be better monitored and managed.

COMMITMENT

GVS Reliability Products know that Industrial Plant and Asset reliability is critical to company profitability and personnel safety.

GVS Reliability Products are wholeheartedly committed to increased awareness and implementation of condition monitoring strategies to the benefit of plant owners and operators and the increased safety of the people that work with and around industrial machinery.

Our range of customers come from many industries including:

- Mining
- Oil & Gas
- Ship loading facilities
- Power Generation
- Aluminium processes
- Timber processing
- Food and Beverage
- Aerospace
- Pulp & Paper manufacture
- Road and Rail transport
- Grain processing
- Cotton processing
- Bulk handling

To discuss how we can help you and your plant, call or email GVS Reliability Products today

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