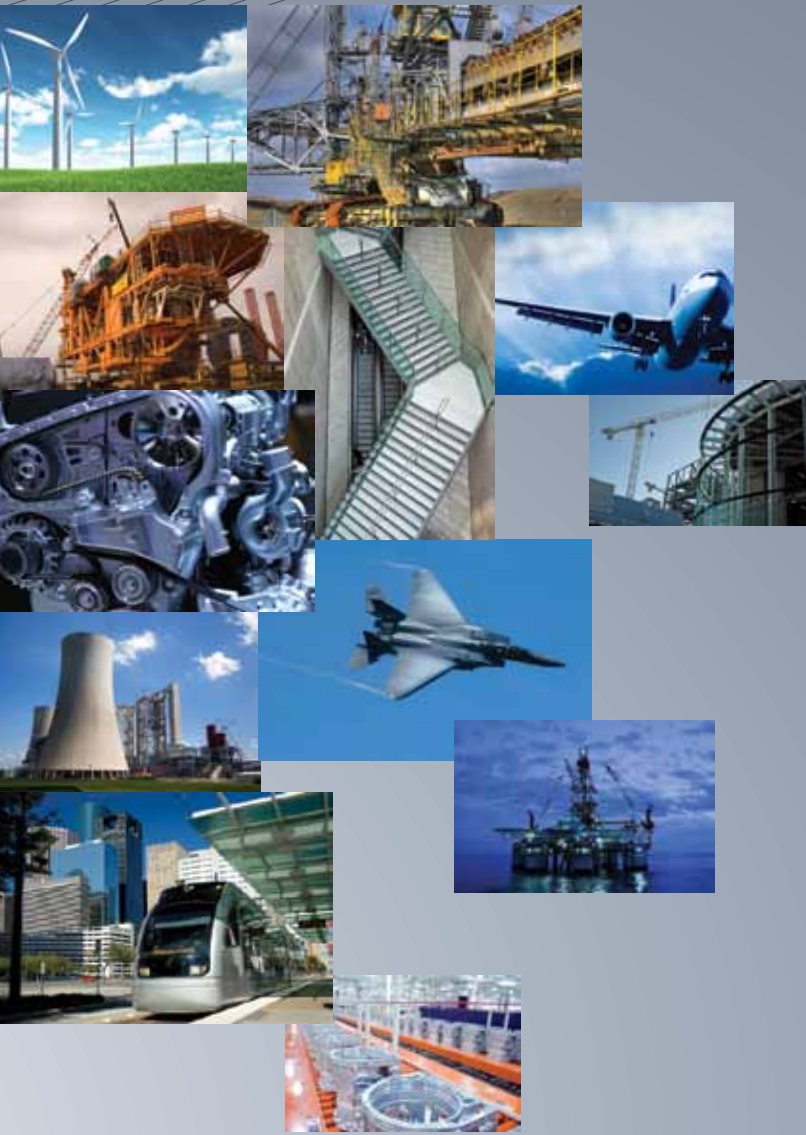
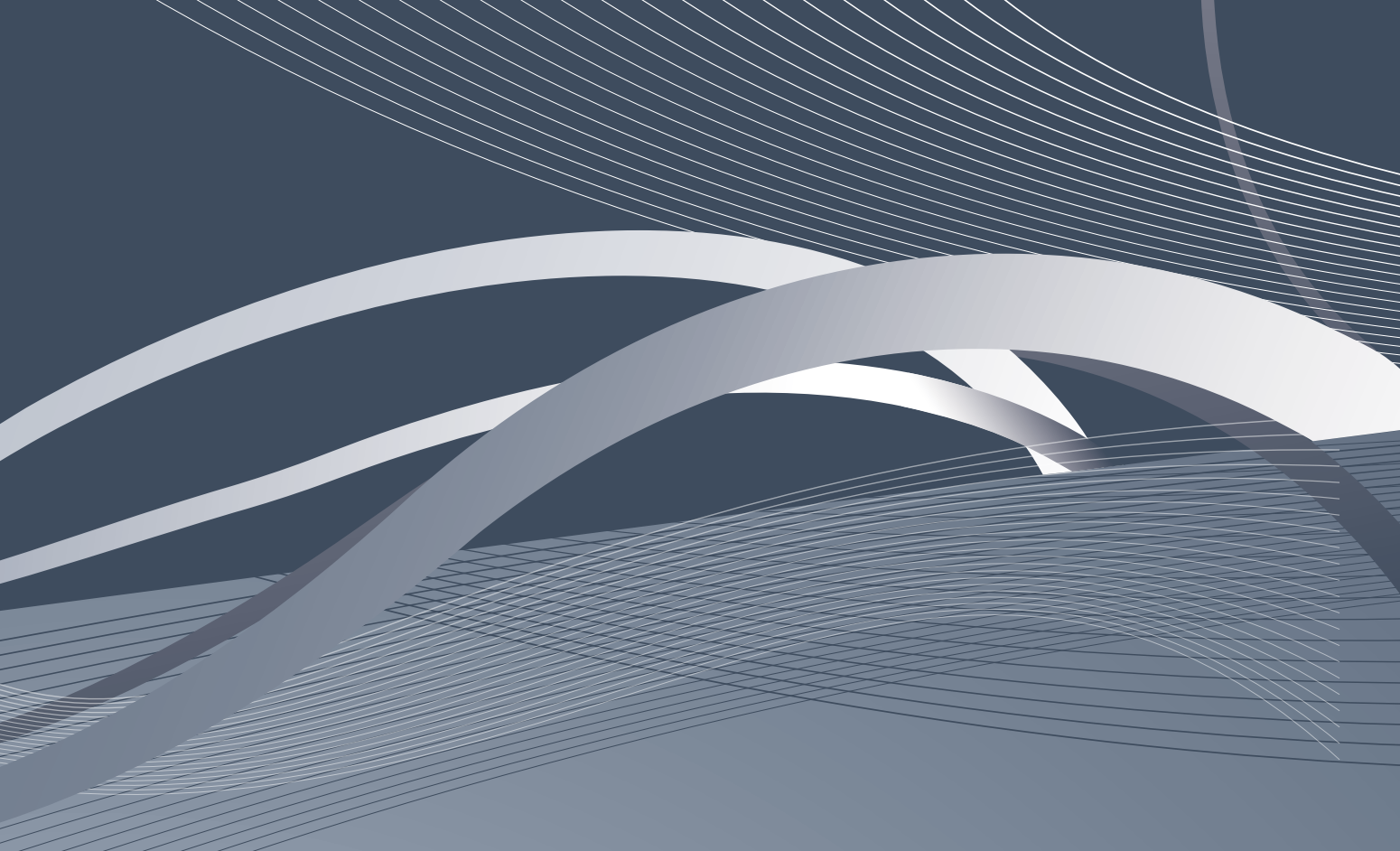




**Contract
Measurement Services...**
from mine sites, to microns



» Our Services

We offer a full range of support services including equipment calibration, preventative maintenance programs, software training, CMM programming, contract measurement and inspection services through our Contract Services division. A full range of digital tooling, from leading European manufacturers, is also available from Hi-Tech Metrology.

Our services include measurement and programming activities using fixed coordinate measuring machines (CMM) and vision-based systems with our own in-house equipment or alternatively in the field with portable measuring equipment such as arms and large volume measurement systems such as laser trackers.

For reverse engineering projects we offer a range of scanning, data collection and processing capabilities using equipment such as laser scanning arms and 3D hand-held laser scanners. We also have terrestrial laser scanning capabilities to produce fast, accurate and fully detailed 3D CAD models, and as-built documentation for a range of industries and sectors.

Production of 3D CAD models using advanced software tools such as PolyWorks software is a growing capability of the Division.



Introducing Hi-Tech Metrology Contract Services...

Industries Served

Aerospace/aeronautics
 Mining/mining equipment
 Power generation/energy
 Oil and Gas
 Heavy Engineering
 Precision Engineering
 Marine
 Defence/military
 Architecture
 Heritage
 Research/education
 Medical/scientific

Technologies Available

Terrestrial laser scanning
 Hand-held laser scanning
 Portable Arm laser scanning
 Laser Trackers
 Hard Probing technologies such as portable Arms
 Photogrammetry
 Dynamic measurement technologies
 Coordinate measuring machines – contact, and vision systems

Outcomes/Deliverables

As-built drawings
 3D CAD models
 3D scan data – IGES, STEP, STL etc.
 Reverse engineering
 Modelling
 3D printed models
 Bill of materials reporting
 Inspection reports
 Flush and Gap analysis
 Dimensional analysis
 Comparisons to 3D CAD
 GDandT analysis
 Deformation over time
 Volume calculations
 Wear/component thickness reporting

Hi-Tech Metrology is Australia's leading specialist metrology company.

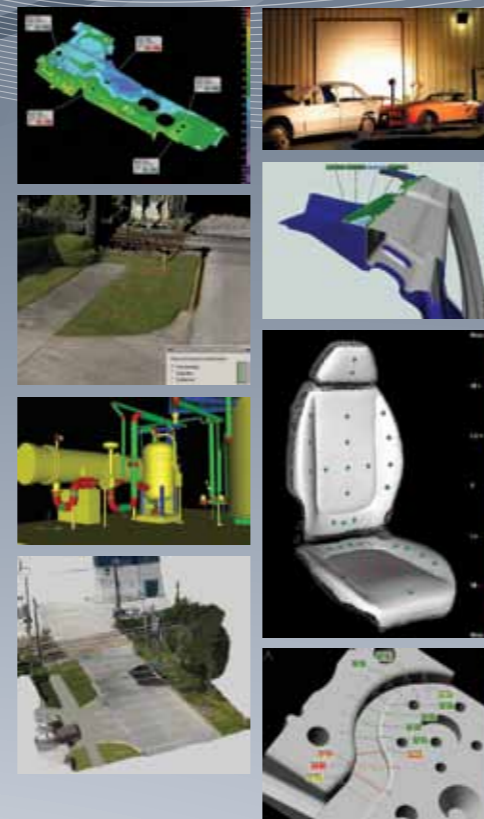
Hi-Tech Metrology founded in 1992 to support the coordinate measuring machine market in Australia and New Zealand has grown over time through dedication to service and technical expertise to become the leading specialist metrology company in Australia.

With offices in Melbourne, Sydney and Brisbane and a network of resellers and service agents around Australia and New Zealand, Hi-Tech Metrology is able to provide a full range of pre-sales and after sales support and services to assist clients with their total dimensional measurement requirements.

Hi-Tech Metrology has an extensive and enviable range of metrology equipment and software products from the

world's leading metrology companies that enable our clients and customers to achieve their metrology and reverse engineering objectives. With technologies available from leading producers such as Hexagon Metrology, FARO, Micro Vu, Metronor, Z Corporation, AICON 3D, and NDI, Hi-Tech Metrology is able to provide a complete solution for any measurement or reverse engineering application.

We offer a full range of support services including equipment calibration, preventative maintenance programs, software training, and CMM programming and contract measurement and inspection services through our Contract Services division. A full range of digital tooling, from leading European manufacturers, is also available from Hi-Tech Metrology.



» **“Largest range of measurement technologies in Australia – more choice, more benefits and better outcomes for all sectors...”**



Key Services Offered

- Inspection with both portable and fixed coordinate measuring equipment
- Comparisons to 3D CAD models and dimensional reporting
- Training for all metrology equipment and software
- Reverse engineering tasks
- 3D laser scanning, digitizing and modelling
- Software support and maintenance
- Calibration and certification of metrology equipment
- Development of jigs and fixtures and other tooling for CMMs
- Turnkey metrology solutions including integration with robotic pick-and-place systems etc.





Contact Hi-Tech Metrology
1800 283 095

Hi-Tech Metrology Pty Ltd
2 Carl Court
Hallam
VIC 3803
Australia

Ph: +61 3 9702 3911

Fax: +61 3 9702 3933

www.hitechmetrology.com.au

