

SERVING MARITIME DEFENCE INDUSTRY WITH METROLOGY INNOVATION



Quality Inspection

We supply state-of-the-art metrology technology allowing you to collect precise & reliable data in digital formats.



Manufacturing Efficiency

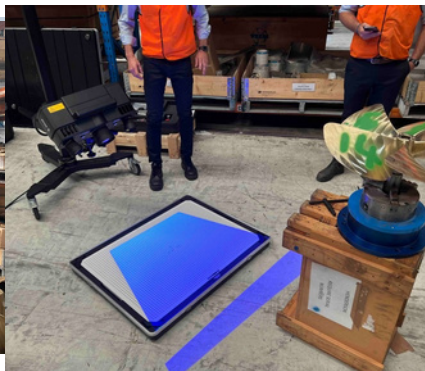
We help you integrate optical metrology & automation solutions into your processes to help you save money & time.



Metrology Services

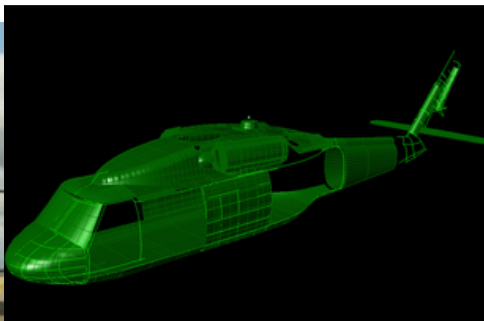
We provide quality inspection, 3D measurement, laser tracking & reverse engineering services on a project basis.

Success Stories



ATOS 5 OPTICAL METROLOGY SYSTEM AT VEEM LTD

Selected for its high level of precision & quality of post-scanning dimensional inspection; the ATOS 5 is utilised for QC measurements on a variety of marine components at different stages of the manufacturing process.



ATOS 3D SCAN AND CAD DATA CREATION FOR BAE SYSTEMS

To upgrade the electronic technology for the Australian Army's fleet of Black Hawk helicopters, **BAE Systems Australia** needed to establish 3D CAD information. Our Team created accurate digital twins using ZEISS metrology optical technology.

Products & Services



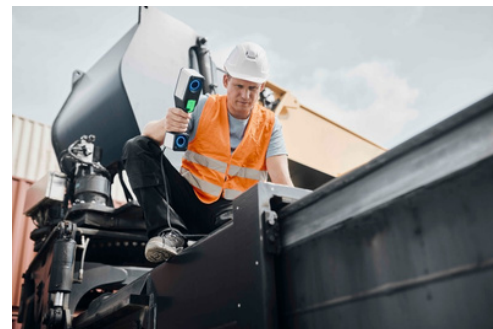
ZEISS Optical Metrology

German built optical sensors help users to cut down inspection times whilst improving product quality.



ZEISS Industrial Metrology

Best-in-class range of CMMs, optical & CT metrology help users to meet the most precise of tolerances.



Handheld Measurement Systems

Perform quality checks or reverse engineer assemblies & components on the fly.

Applications



Manufacturing Quality Control

Measure components & assemblies in-line with precision; check tolerances, reduce defect rates & lower quality cost.

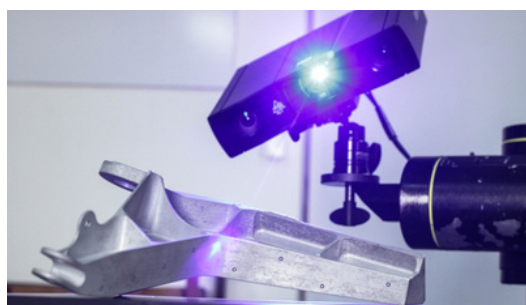
- Measure shells, precision machined, casted parts & more;
- Integrate precise, automated & efficient systems for 3D part inspection;
- Automate & speed up production with in-line, automated solutions.



Maintenance, Repair & Overhaul Optimisation

Save time & money throughout your MRO processes with optical & tactile metrology dedicated & shop-floor capable solutions.

- Inspect body, wings & other critical components with precision & speed;
- Precise digital mapping for surface defect analysis;
- Reverse engineer obsolete or long lead time components.



Incoming Goods Inspection

Ensure your design tolerances & supplier quality standards are met using mobile metrology tools, easily used in any environment.

- Inspect incoming goods, compare to CAD & perform visual checks;
- Set up instantaneous pass/fail gates & automated reports;
- Digitise, track & analyse your results & supplier performance.

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