

Your technical engineering partner for the full vessel lifecycle.
Built on three principles : Prevention, Protection, Performance

What we do

Marine Mechanics delivers navigation and communication services, safety systems, calibration IHM preparation and maintenance, testing and monitoring, machinery spares, and mechanical care under one roof. Every service is compliance-driven and lifecycle-focused, built around the disciplines of prevention, protection, and performance.

Zero tolerance needs a barrier - not just a policy.

Alcovisor - wall mount breathalyser

Human error accounts for 80-85% of marine casualties, and 10-30% of workplace accidents are alcohol-related. A single intoxicated watchkeeper can put crew, ship, and cargo at risk, as a decade of alcohol-linked casualties has shown. The industry has moved to zero tolerance, but enforcing that policy consistently, and proving enforcement to oil majors, charterers and terminals, is where handheld testing falls short.

Traditional alcometers log results by hand in a spreadsheet: no verifiable history, no proof of who was tested, and a device rated for only 2,000 tests against the 10,000 a vessel needs each year. Alcovisor replaces guesswork with certainty. It is a cloud-connected, tamper-proof, wall-mounted unit that photographs every test and transmits results to shore in real time.

10,000 tests a year on one sensor set, installed and maintained by your own crew.



Verified By

Facial Recognition

Cloud Records

Cloud-Connected Alcohol Screening

The Alcovisor Advantage

Fixed at the point of duty, verifiable from shore

- **Wall-Mounted Design**- Fixed at the point of duty - no lost devices, no skipped tests.
- **Tamper-Proof Records**- Every test stored in the cloud with a crew photo; results can't be edited or faked.
- **Instant Failure Alerts**- The office is emailed the moment a crew member fails a test.
- **Real-Time Shore Visibility**- Results transmit over VSAT and FBB for live monitoring and reporting.
- **Unlimited Testing**- One sensor set covers a full year - comfortably the ~10,000 tests a vessel needs.
- **Zero-Hassle Ownership**- Install, commission and replace sensors with ship staff; replacement interval monitored online.
- **Committed to the Oil Majors**- The barrier and remedial action accepted by oil majors after alcohol related non-conformities; turning your policy from a paper commitment into demonstrable, auditable practice.



Enquiries & demos- alcovisor@marinemechanics.biz
Safety · Compliance · Deterrence · Accuracy

To know more visit: www.marinemechanics.biz
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