TRANSPORTATION

Transportation Security Assessment

Cybersecurity testing for aviation, maritime and rail — equipment makers, operators, airports, ports and rail infrastructure — with post-quantum readiness and AI security, and never on a vehicle in service.

3 modes
AIR · SEA · RAIL

Never
ON A VEHICLE IN SERVICE

CycloneDX
CBOM & ML-BOM OUTPUT

Senior
PRACTITIONER-LED

What we assess

AI security

Predictive maintenance, traffic and route optimisation, operations and passenger services, and agents near operational decisions.

Post-quantum readiness

Software-load signing, onboard and shore PKI, VPNs, satellite and datalinks, and train-control key management.

Onboard & operations testing

Aircraft, vessel and rolling-stock systems on the bench; airports, ports, terminals, stations and control centres.

What you get

- ✓ Findings rated on safety, disruption, financial and privacy impact
- ✓ Every finding pinned to the system and software version tested
- ✓ Evidence structured for your class society, authority or regulator
- ✓ Fixes sorted: now, next maintenance window, overhaul or renewal
- ✓ Radio assessed by design review and receive-only observation
- ✓ CBOM and AI-BOM in CycloneDX format
- ✓ Separate briefings for engineering and for leadership

How it works

1. Scope the mode, fleet or infrastructure, and who you answer to
2. Agree the safety gate, test units and stop authority
3. Test on benches, simulators and yards; vehicles only out of service
4. Report by consequence and delivery route, then brief both audiences

A good fit if

- ✓ You make aviation, maritime or rail equipment and customers need security evidence.
- ✓ You run an airline, airport, fleet, port or railway and answer to a cyber rule.
- ✓ OEMs and integrators have remote access to your vessels, aircraft or trains.
- ✓ Your fleet will outlive today’s cryptography and you need a plan.

Probably not, if

- × You want testing on an aircraft in flight, a vessel underway or a train in service — never.
- × You want transmissions on aeronautical, maritime or rail frequencies outside a licensed facility.
- × You need type certification or class approval — we produce evidence; authorities and class societies decide.

How we engage

Fixed scope
A fixed-scope proposal at a fixed price. No hourly meter running.

Senior-led
The practitioner who scopes the work does the work and writes the report.

Plain language
One report your engineers and your board can both act on.

Safety first
Never on a vehicle in service; radio only in licensed, shielded facilities.

Security that locks down risk, not your business. · © 2026 verrou