BoardSafe

CAPABILITY STATEMENT · A VEDAMETRIC PRODUCT

Hardware integrity for government, defence and critical infrastructure.

BoardSafe checks circuit boards for hidden implants, counterfeit parts and altered firmware, seals each device that passes, and keeps checking with yearly audits and on-site visits.



Under 60 s
to check one board

97%
of planted faults found in internal testing

On site
design files stay with you

Per device
pricing and inspection records

Core capabilities

- **Board inspection.** Each board is scanned and compared with its original design files. Parts that are fake, swapped or not in the design, down to a single extra chip, are flagged.
- **Firmware verification.** Firmware on the device is checked against a known good version.
- **Tamper-evident sealing.** Devices that pass get a serial-numbered BoardSafe seal across the case join; opening the case breaks it.
- **Ongoing assurance.** Covers hardware shipped into and deployed in critical sites, with yearly audits of critical hardware infrastructure and maintenance plans, and on-site visits for compliance checks and hardware integrity verification.

Security of the service

- **In-house AI.** Runs Vedametric's own proprietary models. No data is sent to any other AI model, outside system or third-party staff.
- **Vetted staff.** All staff hold security clearances and undergo mandatory police checks and mandatory substance testing.
- **Per-device records.** Every inspection is recorded against the individual device for security and audit logging.
- **Warranty.** Original components are not tampered with, so in most cases the device warranty is unaffected (depends on device type).

Supports your obligations

Framework	How BoardSafe helps
ASD ISM-1790, 1791, 1792	Integrity and authenticity checks at acceptance, recorded per device
SOCI Act CIRMP Rules	Evidence for managing supply chain hazards: inspection, sealing, yearly audits
NIST SP 800-193	Detects firmware changed from a known good version

BoardSafe is not a certification; it provides checks and records these frameworks call for.

Track record

- Successful trials with two Australian defence contractors; now available to government, defence and critical infrastructure customers.
- Vendor relationships covering a growing list of supported products and devices.

LEGAL ENTITY
Amala Innovation Group Pty Ltd, trading as Vedametric

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Incident notice within 12 hours

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SECTORS
Government · Defence · Energy · Water · Telecommunications · Transport · Health · Data centres · Manufacturers

ENGAGEMENT
On-site trial, then per-device rollout with optional yearly audits and site visits.