

From technical uncertainty to verified, manufacturable products.

Indago Instruments helps scientific, industrial and instrumentation companies define, develop, verify and recover difficult electronic products. Engagements are structured around outcomes, deliverables and technical responsibility - not open-ended attendance.

01

Design review and technical due diligence

Fixed-price entry engagement

Independent review of requirements, architecture, schematics, PCB design, compliance risk and manufacturability.

02

Electronic product development

Staged milestone project

Paid discovery, feasibility, architecture, detailed design, prototype verification and controlled production transfer.

03

Fractional technical leadership

Monthly retainer

Architecture, design authority, engineering governance, supplier oversight and development-risk management.

04

Troubleshooting and project recovery

Premium diagnostic engagement

Evidence-based investigation of unstable, non-compliant, delayed or difficult-to-manufacture products.

TECHNICAL CAPABILITY

Precision electronics for demanding instruments

- Analogue and mixed-signal electronics
- Embedded hardware, firmware and communications
- Power, monitoring, protection and high voltage
- Multilayer PCB, EMC and manufacturability
- Verification, compliance support and design evidence
- Scientific and industrial instrumentation

DELIVERY MODEL

A controlled engineering work package

- Master agreement and defined statement of work
- Milestones, assumptions and acceptance criteria
- Early reduction of the highest technical risks
- Documented decisions, test evidence and change control
- Specialist inputs coordinated where required
- Formal completion and production transfer

IDEAL CLIENTS

Scientific instrument manufacturers, industrial OEMs, technology companies, university spin-outs, engineering leaders and investors requiring independent technical due diligence.

STARTING POINT

Start with the problem, risks and required outcome. A short outline is enough to identify the appropriate first engagement.