

Tiranga Aerospace: Accelerating Indigenous Innovation

Designed with Precision. Delivered with Purpose. Tiranga Aerospace is at the forefront of India's defence and aerospace technological advancement. We are committed to fostering indigenous capabilities and strengthening our nation's strategic autonomy.



Executive Summary: Our Foundation for Future Growth

Founded in Bengaluru in 2016, Tiranga Aerospace is a technology-first company dedicated to fortifying India's defence, aerospace, and industrial sectors. Our 'Make in India' commitment drives us to deliver design-led engineering, manpower, and IT-enabled services.

1

End-to-End System Design

Seamless integration from concept to product for optimised performance.

2

Robust Talent Pipeline

Highly skilled engineers and technicians for critical defence projects.

3

Integrated IT Platforms

Leveraging digital solutions for efficient project management and delivery.

Our Core Services: A Foundation for Defence Excellence

Tiranga Aerospace offers a comprehensive suite of services, designed to meet the exacting demands of the defence and aerospace sectors. We integrate design, talent, and technology to deliver superior outcomes.

Design & Engineering

- Mechanical, Electrical, RF & Embedded System Design.
- Simulation, CAD/CAE, GUI, & documentation.
- In-house testing & quality validation.
- Compliance with MIL-STD, IPC, & MoD protocols.

Skilled Manpower

- On-demand deployment of trained engineers & technicians.
- ITI, Diploma, & Engineering resources.
- Project-based, contract, or full-time support.
- Tailored workforce planning for DRDO, PSUs, & OEMs.

IT & Digital Engineering

- Workflow automation & documentation portals.
- Engineering knowledge management (drawings, BOMs).
- E-commerce backends for component sourcing.
- Custom platforms for HRMS & digital program control.

Sales & Marketing

- Client Acquisition & Relationship Management for PSUs, DRDO labs, and Tier-1 OEMs.
- Strategic alignment with **8Make in India9** and Defence Procurement Policy.
- Execution of targeted outreach, roadshows, exhibitions, and industry events.
- Development of collaterals, proposals, and technical presentations.

Our Core Services: A Foundation for Defence Excellence

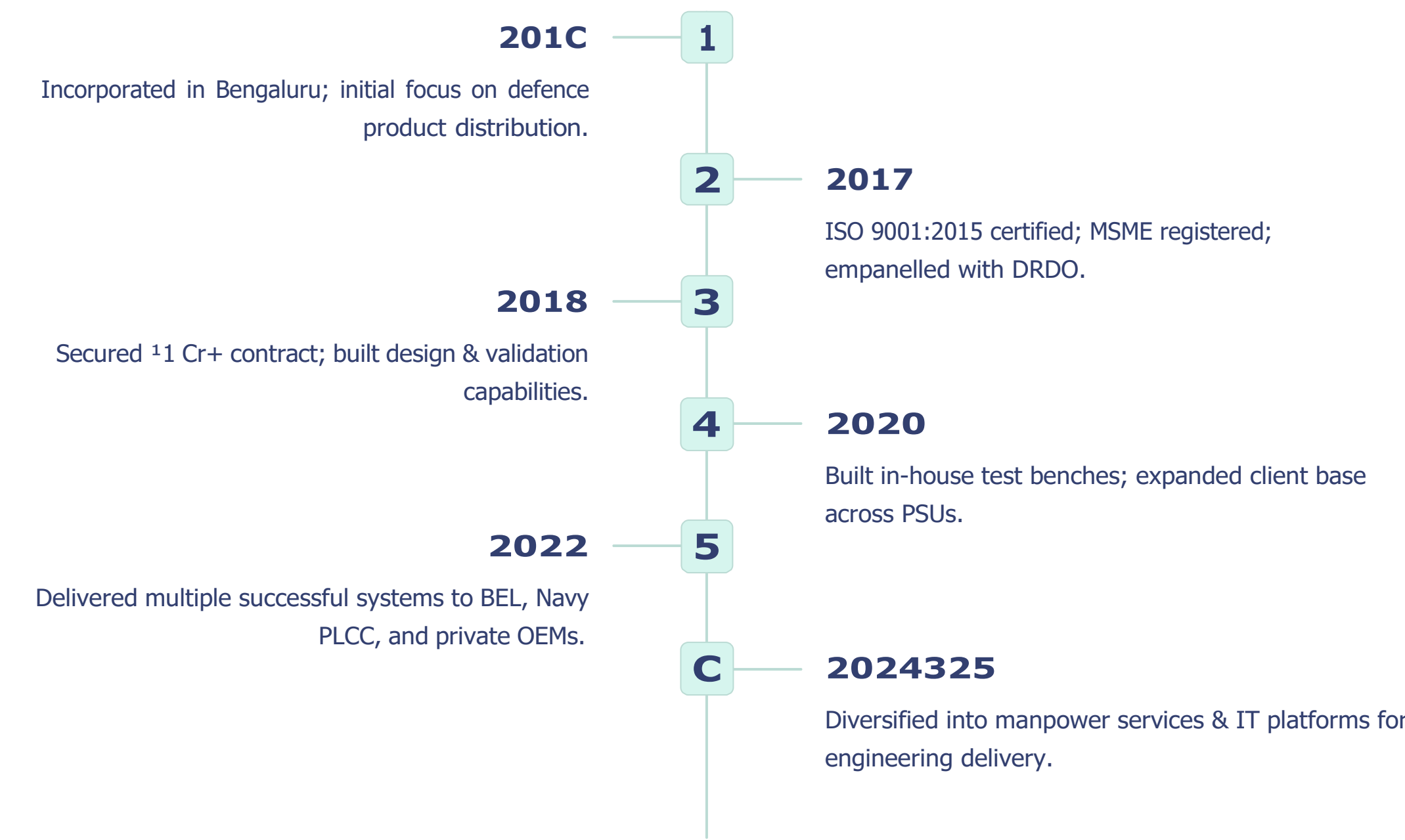
Backend Operations Team

- **Tender & Bid Management:** Expertise in GeM, eProcurement, and PSU tenders
- **OEM Coordination:** Interface with global and domestic OEMs for parts and systems
- **Procurement & Sourcing:** Streamlined vendor management, cost control, and lead time optimisation
- **Client Support & Lifecycle Management:** Ensuring seamless post-sale service and SLA adherence
- **Documentation & Compliance:** Full traceability for contracts, NDAs, QA reports, and audits

Together, these teams form the operational backbone that empowers Tiranga Aerospace to deliver **on-time, cost-effective, and compliant solutions** to some of India9s most critical defence missions.

Company Timeline & Growth: Building a Legacy of Innovation

Since its inception, Tiranga Aerospace has demonstrated consistent growth, marked by strategic milestones that have expanded our capabilities and client reach within India's defence landscape.



Organizational Structure & Core Capabilities

Engineering Design & Development

Complete concept-to-design execution, including wiring harnesses, RF jigs, embedded GUIs, and robust system enclosures. We seamlessly interface with trusted vendors for precision fabrication.



In-House Testing & Validation

Full-system integration, rigorous debugging, and performance benchmarking. This includes advanced RF test setups, signal integrity analysis, and comprehensive environmental QA, with continuous feedback loops for iterative improvements.



Manpower Solutions Division

Providing highly skilled technical staff for critical defence, aerospace, and manufacturing projects, with flexible on-site or remote deployment options. Our robust partnerships with leading training institutes ensure a pipeline of job-ready talent.

IT & Platform Services

Developing ERP-lite platforms tailored for engineering firms and creating sophisticated digital workflows for HRMS, efficient procurement, precise test tracking, and comprehensive project logs. We also build custom web portals for detailed BOM management and QA records.

Our Talent Engine: Powering India's Defence Sector

Tiranga Aerospace is built on the strength of its exceptional talent. We invest in nurturing and deploying a highly skilled workforce, crucial for the complex demands of the defence and aerospace industries.



Vetted Profiles

Annually from ITI, Diploma, and BE streams, meticulously prepared for immediate deployment.



Upskilling

Continuous development with advanced simulation, state-of-the-art labs, and hands-on projects.



Team Ramp-Up

Proven ability to rapidly scale teams to align precisely with client project timelines and demands.



Expertise

Providing field service engineers, lab assistants, CAD/CAE drafters, and specialised technical staff.

Esteemed Clients: Building Trust with India's Defence Backbone

Our strong partnerships with India's leading public sector undertakings and private defence entities underscore our reliability and expertise in delivering mission-critical solutions.



Let's Collaborate: Forging the Future of Indian Defence

We are ready to partner with you to design, test, staff, and digitise your next critical project, contributing to a self-reliant India.

Who We Work With:

- DRDO Labs & Defence PSUs
- OEMs & Tier-1 vendors
- Aerospace & manufacturing firms
- System integrators and MSMEs

Contact Us to Explore:

- Detailed case studies and full capabilities
- In-depth technical consultations
- Customised partnership models

Tiranga Aerospace 3 Designed in India. Trusted by Defence. Powered by People.

[Visit Our Website](#)

[Email Us](#)

[Contact Us](#)