

Capability statement

Panacea Intec (OPC) Private Limited

REV 1.0
NAVI MUMBAI

1 WHAT WE DO

Panacea Intec takes electronics from concept to delivery — specification, circuit and firmware design, mechanical design, prototype, functional test and build. Most output ships under a customer's brand.

We are an original design manufacturer: the design work is ours, the market and the product registration are the customer's.

2 PRODUCT LINES

Electrosurgical generators	Monopolar and bipolar. Cut, blend and coagulation modes, 500 kHz nominal carrier, up to 300 W depending on mode. Output stage, control board, firmware, front panel and assembly.
Power transformers	Mains, isolation and control types, wound to specification from the load rather than from a part number. Prototype through repeat small-batch production.
Drones	End to end, concept to delivery. Airframe designed to the payload and endurance required, propulsion and power budgeting, flight control integration, payload integration and flight test.
Consumer electronics	Power meters and connected devices, designed for repeatable unit cost and field servicing. Measurement, control, connectivity and field-updatable firmware.
Control electronics	Controller boards to a customer's function list, sensing and telemetry with local logging or cellular back-haul, and bench test rigs.

3 DISCIPLINES IN-HOUSE

Electronics	Analogue and power electronics · high-frequency output stages · schematic capture and multi-layer PCB layout · component selection and sourcing
Firmware	Bare-metal and RTOS · front panel and interface logic · I ² C, SPI, UART, ADC · cellular, Wi-Fi and Bluetooth
Power conversion	Transformer specification and winding · supply and regulation design · thermal design and derating
Aerial systems	Airframe design · propulsion and power budgeting · flight control integration · payload integration and flight testing
Mechanical	Enclosure and front panel · sheet metal and moulded part specification · assembly design and fixturing
Test	Functional test rig design · high-g and vibration instrumentation · signal capture and waveform validation · batch functional testing
Manufacturing	Assembly and wiring · final integration and burn-in · packaging and finished goods · volume PCB assembly placed with subcontractors

4 HOW WE ENGAGE

Full ODM	We design it and we build it. You brand and register it.
Build to print	You already have a design. We manufacture and test it.
Design only	Engineering deliverables handed over. You take them wherever you like.

Every engagement runs in four stages, each with a deliverable: specification signed off by the customer, design reviewed against it, working prototypes, then production with functional test records.

5 REGULATORY POSITION

Panacea Intec holds no ISO 13485, no ISO 9001 and no device manufacturing licence. We are a design and manufacturing partner, not the legal manufacturer of record.

For medical devices, the registration, market authorisation and technical file remain with the customer, and we build to the file the customer owns. For aircraft, airspace approvals and operator registration sit with the party flying and selling them. We hand over design documentation and test records to support those files.

6 CONTACT

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