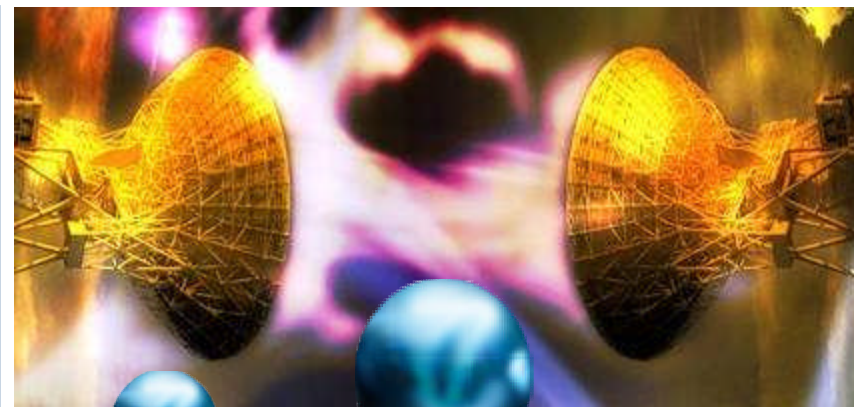


# Partner for Sophisticated Electronic Repair



**Defense (Navy & Air force)**



# Repair Services for Defense Electronics

## Ships & Submarines

- **Vosper Thornycroft /Atlas STN / Alsthom Machinery Control System**
- **Wargames Simulator**
- **BBC AC Chopper Box**
- **Radio Control Target Boat Electronics**
- **Marconi Submarine Indicator Buoys**
- **Navigation & Communication Systems**
- **Radar & Weapon Control Systems**
- **Dynamic Positioning System**
- **Saltzgitter Electronics Battery/Diesel Monitor**
- **WASS Torpedo Decoy System**
- **Phoenix / Alenia ESM Systems**
- **Frequency Converters**
- **Russian Radars, SONARS & Control System**





# Repair Services for Defense Electronics

Seakings / Sea Harriers / Dorniers / PTA / TU / Kamov

- **Super Searcher Radar**
- **GEC Display Systems**
- **Thomson CSF-Sonar HS12**
- **GEC APU/TPU/DPU**
- **Smith's Repeater Platform Units**
- **GEC ESM System**
- **Racal Defense Systems TANS**
- **Rockwell Collins HF/VHF/UHF TxRx**
- **Honeywell Radar Altimeters**
- **Marconi I Band Transponders**
- **British Aerospace Compass Computers**
- **Marconi Sonics Receivers**
- **Gull Airborne Instrumentation**





# Repair Services for Defense Electronics

Seakings / Sea Harriers / Dorniers / PTA / TU / Kamov

- **Blue Fox Radar**
- **Plessey Weapon Control System**
- **Radar Altimeters**
- **Engine Life Recorders**
- **Smith's Fuel Gauge Amplifier**
- **Howell Jet Propulsion Amplifiers**
- **Smith's NAVHARS**
- **Smith's True Air Speed Computer**
- **IFF Transponder**
- **British Aerospace Master Control Unit**
- **British Aerospace Hudwac**
- **Pilot's Display Recorder**





# Repair Services for Defense Avionics

Seakings / Sea Harriers / Dorniers / PTA / TU / Kamov

- **Supermerek Radar**
- **Bendix Radar**
- **Soviet Radar & Communication Systems**
- **Kamov Navigation Computers**
- **Soviet Interrogators**
- **Soviet Autopilots**
- **ELTA RADAR, ISRAEL**
- **Elisra ESM System, Israel**





# Repair Services for Defense Avionics

- **LORAP PCBs of Vinten & British Aerospace for Jaguars, Air Force Station, Ambala**
- **Vinten Camera PCBs for 9 BRD, Pune**
- **PCBs of Mig-29 for 11 BRD, Nashik**
- **Special-to-type Aircraft Test Equipment for 5 BRD, Coimbatore**
- **RF Test Equipment for 13 BRD, New Delhi**
- **PCB repairs for 7BRD, New Delhi**





# Annual Maintenance Contracts

- **Siemens Plessey Watchman ASR Radar, Chennai**
- **Normarc Instrument Landing System, Goa**
- **Sea Harrier Flight Simulator, Goa**
- **Non-Directional Beacon & CADF, Chennai**
- **Distance Measuring Equipment, Chennai**





## Indigenous Products – Indian Navy

- **Sensor Interface Unit for Weapon System**
- **Static Frequency Converters for Ships' Sensors**
- **AC Chopper Box Controls for SSK Submarines**
- **Core Memory redesign for Simulator**
- **Radio Controlled Target Boat (RCTB) Control System**
- **10 KVA Dual Inverter for EKM Submarines**
- **NMEA Interface for TRC 297D**
- **Indigenous replacement of Core Memory by Semi-Conductor Memory for Singer Libra Scope - Torpedo Fire Control System of SSK class Submarine**
- **Test Jigs for Gyro PCBs of Raytheon, USA**





## Indigenous Products – Aviation

- **Arinc Interface Unit for Dorniers – Navy/Coast Guard**
- **Arinc Interface Unit for Dorniers – Air Mauritius**
- **Core Memory redesign for EUWAC**
- **Core Memory redesign for DPU**
- **Program Loader for EUWAC (Frontline & Secondline)**
- **Acoustic Miss Distance Indicator for PTA**
- **Target Battery for PTA**





# Technologies Implemented

- **Embedded programming using Micro-controllers**
- **Complex Programmable Logic Devices (CPLD)**
- **Field Programmable Gate Arrays (FPGAs)**
- **GSM/GPRS technologies**

