

Precision

CORPORATE PROFILE

Who we are ?

- Provider of Communication & Electronics Products and Solutions for Mission Critical and Critical Infrastructure customers
- Electronics Manufacturing Services (EMS) provider
- Turnkey Project Implementation and Support services
- Civil Infrastructure services
- A customer focussed company with domain expertise in Civil COM/Telecom, Military COM, SIGINT and C2I.
- Established in 1979 ↔ More than 140 employees ↔ Listed on BSE

OVERALL COMPETENCIES

Capture Management

- Product initiation at all levels of MoD and the User
- System conceptualization
- Develop India-specific Strategy
- Technical & Commercial Proposal
- Customer demos/ field trials
- Logistics

Product / System Development

- System design, development, prototyping, testing and analysis
- Development of customized hardware and software
- Entity Engineering/ Ruggedization of COTS modules to MIL-STDs
- Telecom Network Design

Production & Lifecycle Support

- Facilities for batch and bulk production
- Build to Spec/ Print
- Turnkey Project Implementation
- Integrated Product Support
- Obsolescence Management

CUSTOMER PROFILE

Mission Critical

- Military
- Paramilitary
- Intelligence Agencies

Critical Infrastructure

- Airports/ Airfields
- Railways
- Telecom Service Providers
- Electricity Companies
- Medical Industry
- Oil & Gas

OUR INFRASTRUCTURE

NOIDA FACILITY (HQ)



- Established in 1990 – 3300 sqm of covered space
- Inherent capabilities: Design & Engineering, Supply Chain Management, Product Prototyping, Batch Production, Technical Support Services

ROORKEE FACILITY



- Established in 2008 - 6500 sqm of covered space
- Inherent capabilities: Bulk production of electronic & electrical/ mechanical/ turnkey electro-mechanical, Product Validation and Verification for complete environmental and EMI-EMC specifications Services

PRECISION ELECTRONICS LIMITED

"we always know who we're working for"

Licenses for Defence Production

- Transmission Systems including Line, Radio, Satellite and accessories as well as Power Supplies
- Networking Equipment including Switches, Routers, Modems, Converters, Multiplexers, Communication Gateways and accessories
- Embedded Systems for C4I2SR including Sensor Interface units, Interoperability Systems, Appliqué devices and Voice/ Video/ Data Acquisition Systems
- Electronic Support Measures (ESM) Systems for Electronic Warfare
- Antenna, Masts, Positioners, Gimbals and accessories
- Shelter/ Platform integration for MILCOM and C4I2SR systems
- Military Cable Assemblies & Harness

Quality – A Way of Life



- Inspection standards of DoT (TEC), RDSO, DGQA & DGAQA
- Traceability of every single hardware and software component throughout the life-cycle is ensured by a networked support system for Configuration Management and Integrated ERP
- In-house Test Facilities for Environmental and EMI & EMC

EXPERIENCE

Product Experience

2Mbps PCM MUX (BSNL)

- > 65,000 supplied
- Pan India deployment
- 65% market share in BSNL's last mile network

ATC Voice Logger (Air-force & Army)

- Operational in every IAF & Army aviation airfield
- Pan India Service Support

Secure COM Terminal (Army)

- Provides secure high capacity radio connectivity
- Incorporates SAG-approved (G3) crypto system (Electra) co-developed with DRDO

Tactical Mux (Army)

- 8 Mbps PCM MUX
- Provides broadband connectivity through Corps to Battalion through Corps of Signals

Platform Experience

MOBILE ASCON NODE (ARMY)

- Prime Contractor
- Army Division level asset
- Fielded in Ops Parakram

10/30 channel RR (AIR-FORCE)

- Prime Contractor
- Air Defence Communication Nodes
- Links Mobile Radar Units to airfield

Parikshak (TCS) Test Bed (ARMY)

- Subcontractor for Platform Integration/ Entity Engineering

Naval Systems

Integration and Commissioning of Core Network on ALL new builds of IN

Airborne Systems

Supply and Integration of V/UHF radios on the CABS AEW&CS platform

Infrastructure Services Experience – MAFI

MAST

Aluminum and Carbon Fiber Pneumatic and Winch Mast upto 21m in height 100 kg Payload

Electrical Assemblies

MIL-grade wire and harness assemblies conforming to AS9100C and IPC 620

Complex Electro-Mechanical Assemblies

Turnkey Integration of Communication Trailer