



CT CONTROL TECHNOLOGY (INDIA) PVT. LTD.
Leaders in Low Level Signal Measurement.



Mission

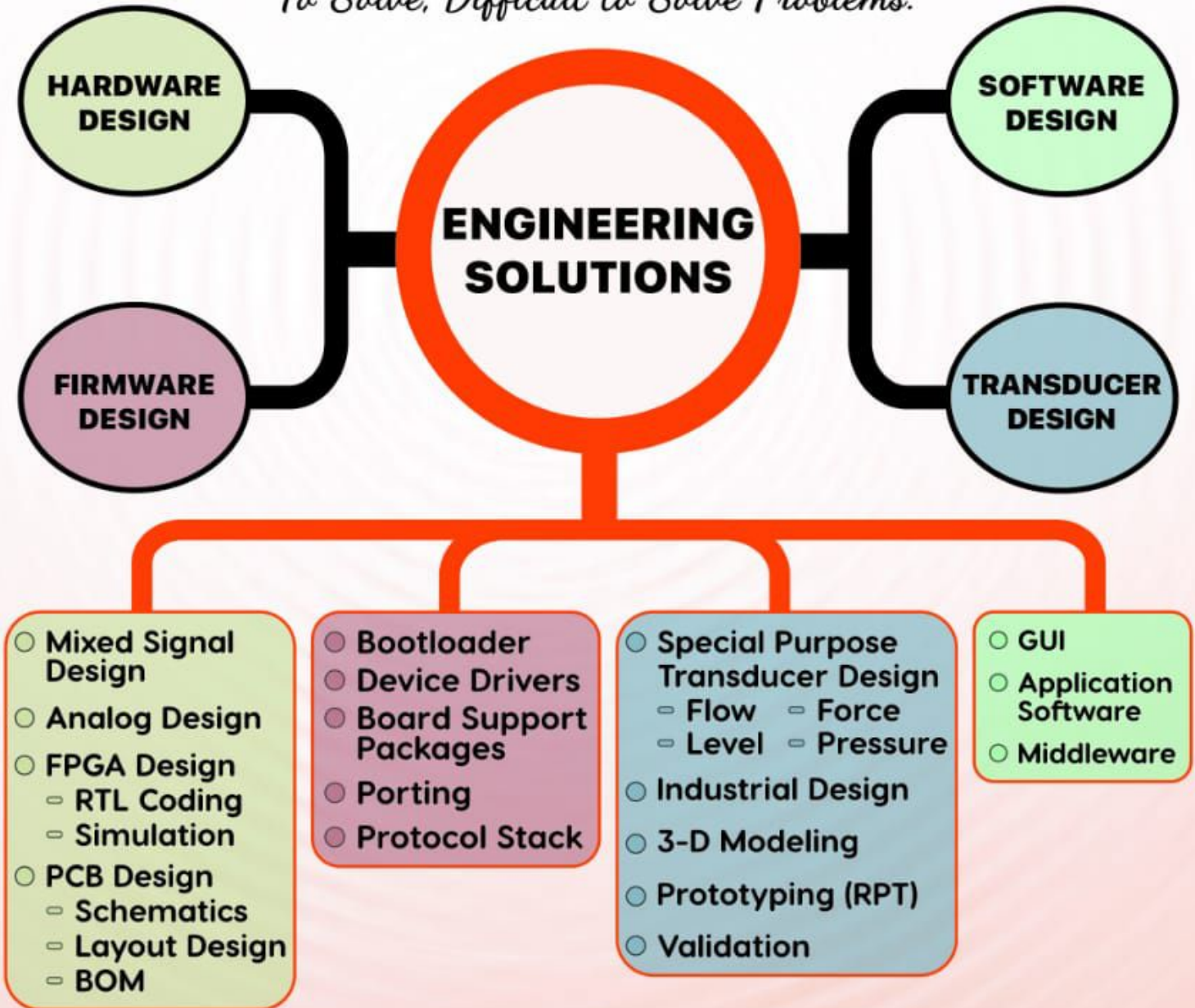
Committed to satisfy expectations of our customers and employees with focus on continuous improvement.

Vision

To be a leading solution provider in Nuclear Instrumentation and Industrial Automation & Control.

ENGINEERING SOLUTIONS

To Solve, Difficult to Solve Problems.



Force Transducer

Strain gauge based transducer designed for a US client as an add-on part to an existing system.



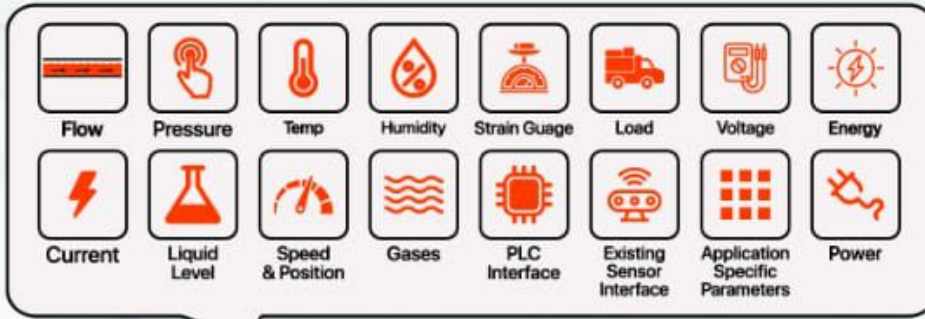
Differential Pressure Transmitter for Harsh environments - designed for BARC as an Import Substitute.



Data Loggers for Industrial Automation.

Switch to a **SMARTER INDUSTRY** with our **SMART MONITORING AND CONTROL**

Process Parameters



Local Computer



IOT Gateway



Actuators & Alarms



Web based APP / Cloud Integration

UNIQUE FEATURES

- INTERFACE YOUR EXISTING SENSORS TO OUR SMART MONITORING SYSTEM
- CONFIGURE THROUGH YOUR PC FRONT END
- CUSTOM SENSORS & HARDWARE FOR APPLICATION SPECIFIC NEEDS

ADVANTAGES

- REMOTE DIAGNOSTICS & CONTROL
- ADD/REMOVE OPTIMIZATION
- REAL-TIME MONITORING
- PREDICTIONS TO PROACTIVE MAINTENANCE
- UPGRADE YOUR EXISTING INFRASTRUCTURE
- WIRELESS SENSORS WHERE NO CABLES CAN BE INSTALLED

APPLICATIONS

- MINING INDUSTRY
- CEMENT FACTORY
- PLATING INDUSTRY
- CHEMICAL FACTORY
- OIL & GAS INDUSTRY
- PROCESS INDUSTRY
- FOOD PROCESSING INDUSTRY
- PHARMACEUTICAL INDUSTRY



TRANSDUCERS & INSTRUMENTATION

Solutions Offered..

- Strain Gauge based Special Purpose Transducers
- Sensor Signal Conditioning Cards
- Multi-channel Analog I/P Modules
- Strain Gauge based Signal Conditioning Systems
- PID Controller
- Custom Pressure Sensors for Monitoring Level & Leak
- Capacitive based Level Sensors
- GPS Synchronization Timer



Precision DC v/g Source
0-10v | Resolution : 10 μ V



16 Channel (0-20 mA)
Data Acquisition System



Pico Ampere Signal
Conditioning Board
4pA - 1 μ A | 4 - 20mA

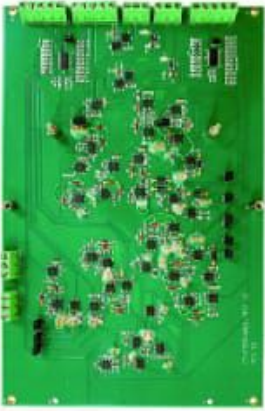


Torque
Transducer



Thermal Dissipation
Type Level Switch

AUTOMATED TEST JIGs for PCBs



- Functional Testing of Assembled PCBs
- Application Specific Test Sequences
- Generating Test Reports
- Monitors Voltage, Current, I/Os, Communication Interfaces, etc



- PCB specific PC front-end for Monitoring Parameters

POWER SUPPLIES

- Switched Mode & Linear Power Supplies
- Custom Built as per Customer Requirement



- Rugged & Compact
- High Efficiency upto 92%
- Works with both AC / DC Input
- 30W, 60W, 100W, 250W, etc



- Compliance to EMI/EMC as per MIL-461E
- Operating Temperature of -30 °C to 55 °C



PFBR REACTOR ASSEMBLY

Control Technology occupy an enviable position of being only supplier of Sodium Instrumentation systems in India for the measurement and control of liquid Sodium, for the prestigious 500MW Nuclear Power Plant - Prototype Fast Breeder Reactor (PFBR) of Department of Atomic Energy, under construction at Kalpakkam.

