Engineered for Excellence in Railways and Defence
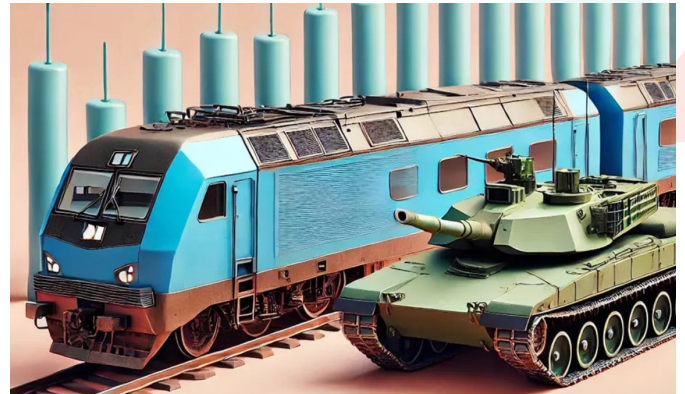
Electronic System Engineering (ESE) Services

Since 1989, Twintech is a solution oriented company, offering Electronic System Engineering (ESE) Services.

ESE is a multidisciplinary field focused on designing, developing and managing complex electronic systems.

It involves integrating multiple engineering domains such as electronics, software, mechanical, and control engineering to create systems that meet specific performance, functionality and reliability requirements.

This engineering process encompasses the entire lifecycle of an electronic product from concept and feasibility studies to design, manufacturing, deployment and maintenance.
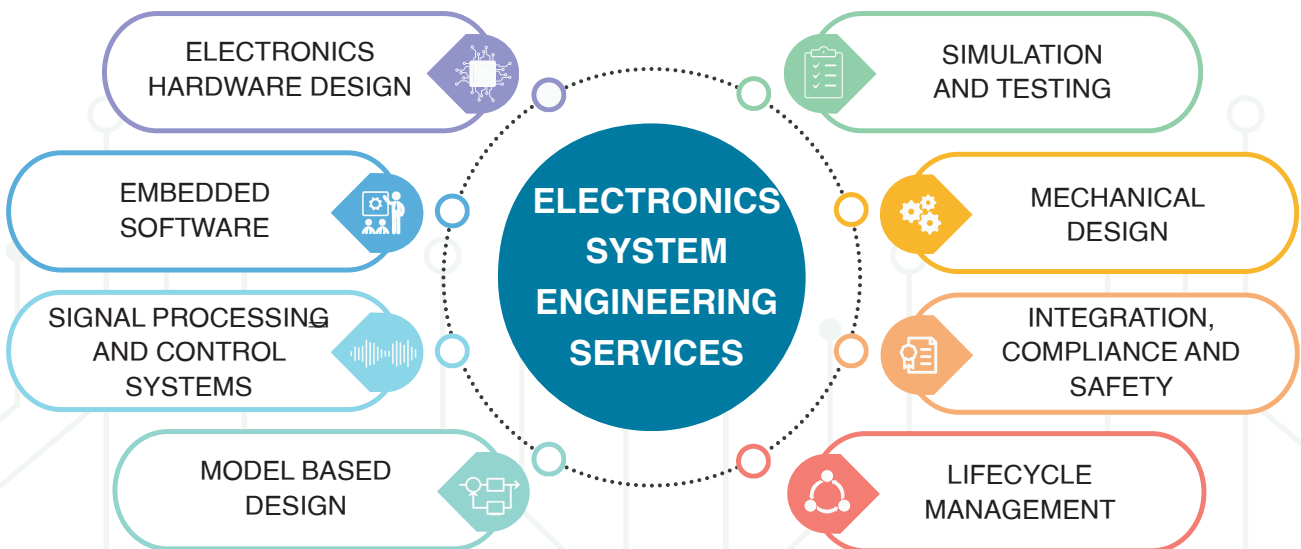
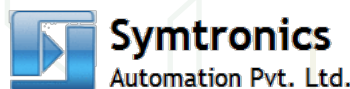> " *Switching to import substitute parts was one of the best decisions I've made. Not only are they cost-effective but the support from the Twintech team has been outstanding."*

> " *Their innovative approach to product development allowed us to create unique offerings that resonated with our customers."*

ELECTRONICS SYSTEM ENGINEERING SERVICES

- ELECTRONICS HARDWARE DESIGN
- EMBEDDED SOFTWARE
- SIGNAL PROCESSING AND CONTROL SYSTEMS
- MODEL BASED DESIGN
- SIMULATION AND TESTING
- MECHANICAL DESIGN
- INTEGRATION, COMPLIANCE AND SAFETY
- LIFECYCLE MANAGEMENT

Our Clients

WALCHANDNAGAR — WALCHANDNAGAR INDUSTRIES LIMITED

Symtronics Automation Pvt. Ltd.

NEOMETRIX DEFENCE

ESE Services : Electronic Hardware Design l Embedded Software l UI Design l Industrial IOT l Android

Twintech Control Systems Pvt. Ltd. has established a strong reputation and nationwide presence in India's Railways and defence sector. The company specializes in designing and manufacturing electronic products tailored for this industry including:

1) Magnetic Speed Sensor 2) Digital Tachohour Meter 3) Digital Hourmeter 4) Digital RPM Indicator
With a robust network of over 100 associates across India, Twintech ensures widespread distribution and support for its products. Their commitment to innovation and quality has solidified their standing in this Sector. For detailed information please visit to our website- www.twintechcontrols.com
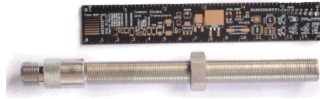
Magnetic Speed Sensor types- (MOQ 30 Nos.)

New Digital Hourmeter (MOQ 50 Nos.)

5/8" 18UNF THREADS

3/4" 16UNF THREADS

GRUS SPEED SENSOR
- Threading Length : 50 / 76 /114 mm
- Probe Connector : 2 Pin Male Military Style connector
- Cable Length : 2 Meters long with Female Connector
- Coil Resistance : 800 to 1500 Ω

ARA SPEED SENSOR
- Threading Length : 50/ 76/114/152 mm
- Probe Connector : 2 Pin Male Assembly mating to MS connector
- Cable Length : 2 Meters long with Female MS Connector
- Coil Resistance : 800 to 1500 Ω

CARINA SPEED SENSOR DO-MPU
- Threading Length : 90 mm
- Probe Connector : 1 Sqmm Black Wires
- Cable Length : 600 mm
- Coil Resistance : 800 to 1500 Ω
- Output : Dual

DIGITAL HOUR METER
Part No.TDHM3700
- Supply : 9-60 V. DC
- Input : 12-24 V. DC
- Display : LCD Display 6 digits with back light
- IP : 65
- Cut out size : 52 mm Dia

Digital Tachohour Meter (MOQ 10 Nos.)

Digital RPM Indicator (MOQ 10 Nos.)

Digital Tachohour meter with Inbuilt Battery
Part No. DTHM2700
- Supply : Inbuilt
- Input : MPU/ Hall effect
- Display : Single 4 & 1/2 LCD Display
- Hours : Press Button to show Hours
- Teath gear Callibration : N.A
- Connection : 2 Studs
- Cut-Out Size : 85 mm Dia
- Mounting : C Clamp
- Overspeed : N.A

Digital Twin Tachohourmeter
Part No. DTHM2700-BTL
- Supply : 8 to 36 VDC
- Input : MPU/ Hall effect
- Display :Dual Display 4 Digit LCD & 6 Digit LCD Display
- Hours : Separate Display for Hours
- Teath gear Callibration : Using Android App
- Connection : 4 Studs
- Cut-Out Size : 85 mm Dia
- Mounting : C Clamp
- Overspeed :N.A

RPM Indicator LCD Display
Part No. DRI2700-118
- Supply : 8 to 36 VDC
- Input : MPU
- Display : LCD 4 Digits
- Output : N.A
- Teath gear : Factory Set @ 118 TG
- Connection : 4 Screw Terminals
- Overspeed : N.A
- Size: 96 X 96 X 50 mm

RPM Hour Indicator Led Seven segment display
Part No. DRHI2700- 118
- Supply : 8 to 36 VDC
- Input : MPU
- Display : RED 7 Segment Led Display
- Hours : Separate Display
- Output : N.A
- Teath gear : Factory Set @ 118 TG/
- Connection : 4 Screw Terminals
- Overspeed : N.A
- Size: 96 X 96 X 50 mm

Programmable RPM indicator
Part No. DRI2700-PI
- Supply : 8 to 36 VDC
- Input : MPU
- Display : RED 7 Segment Led Display
- Output : 4 TO 20 mA
- Teath gear : Programmable
- Connection : Screw Terminals
- Overspeed : 3 Relays
- Size: 96 X 96 X 110 mm

200+ types of MPU Available all over India through 100 Associates

Get In Touch

📞 +91 7066481148/ +91 7066481149

📍 Plot No 19, Krutadnyata, Jadhavnagar, Vadgaon Bk, Pune 411041, Maharashtra (INDIA)

@ sales@twintechcontrols.com
sales1@twintechcontrols.com

🌐 www.twintechcontrols.com