



RICH EXPERIENCE

In GSM 2G & 4G, GPS, Wi-Fi
RF, Bluetooth Technologies &
Cloud Applications Development

About BSTPL

BS Technotronics Private Limited (BSTPL), an ISO 9001:2015 company founded in the year 2012 with a dedicated team of Engineers with many years of extensive experience in the fields of Telecom, Telematics, Power and Information Technologies. BSTPL offers high-performance GSM/GPRS, GPS, RF and Wi-Fi/Bluetooth products based on the state-of-art technology meeting toughest operating conditions and customer satisfaction.

BSTPL ensures the highest quality of all its products to meet customers' requirements perfectly. Continuous development, utilizing the latest technologies, low power consumption, ease of integration, long-term availability and suitability for the harsh environment are the key features for BSTPL products success.

BSTPL designs all the products following highest standards starting from identifying the components / parts, Schematics, PCB Layout, Gerber, Manufacturing, Testing and Assembly with which the products complies to meet the standards like AIS140, ARAI ... etc

Industry Segments

Public Transport

Cargo & Courier

Emergency Vehicles

Infrastructure Companies

Taxi & Cab Services

Educational Institutions

Industrial & Automation
Companies

SCADA and Utilities
Companies

Solar Power Sector

Certifications

ISO 9001:2015 | AIS140 | EMI EMC | IP67

Advantages & Benefits with BSTPL

- Strong R&D with In house hardware and software development.
- Market knowledge and Competitive Prices
- Scalability in shortest time and customization
- Customization of software & Protocol as per customer requirement for faster integration of the devices
- Customised Hardware designing and manufacturing support
- Highly qualified and experienced technical, marketing and management team
- Vast experience in the field of Embedded Systems, GSM, GPRS, GPS, Wi-Fi, RF and Bluetooth Technologies
- Understanding the regulations / Industry standards in the business
- Visit of R&D experts to customer and field locations for on-field support

Products

- ✓ BSTPL-17IS AIS140 IRNSS GPS Tracking Device
- ✓ BSTPL-17L 4G LTE GPS Tracking Device
- ✓ BSTPL-17A Advanced GPS Tracking Device
- ✓ BSTPL-15 Basic GPS Tracking Device
- ✓ BSTPL-22 GSM/GPRS Intelligent Modem
- ✓ BSTPL-10 RF Reader
- ✓ BSTPL-11 NFC Reader
- ✓ BSTPL-40 Voice Box
- ✓ BSTPL-42 Voice Box With 2 Way Voice Calling



Our Vision

To provide quality products and services that exceeds the expectations of our esteemed customers.



Our Mission

To build long term relationships with our customers and clients and provide good quality products and services by Pursuing business through innovation and advanced technologies.

Hardware Design and Development

- ✦ Expertise in Hardware design of embedded products based on all types of Microcontrollers Microprocessors.
- ✦ Experience on GSM 2G 3G 4G, GPRS, GPS, RF, Wi-Fi and Bluetooth and LoRa Technologies
- ✦ Design Capabilities up to 6 layer PCB. In-House PCB Design Capabilities
- ✦ Hardware / Product Designs Complying to IS 9000, ISO 16750, AIS 004, IEC 60529, IS 2465, ISO 6722 and ISO 7637 Standards
- ✦ Evolving and Prototyping of electronic hardware for new products.
- ✦ Technology updates for the current products.

Software Design and Development

- ✦ Embedded software development for products catering to Telecom, Industrial and Automotive domains.
- ✦ Expertise in embedded firmware development using C, C++, Linux, RTOS and Assembly Language Programming.
- ✦ Experience on all microcontrollers starting from 8 Bit and Microprocessors
- ✦ Expertise in Communication Protocols like USB, Ethernet, SPI, UART, I2C, Modbus, CAN and OBD II
- ✦ Wireless Protocols like TCP, UDP, HTTP, HTTPS, MQTT, COAPP & FTP

BSTPL-17IS
AIS140 IRNSS GPS Tracking Device

GSM

IRNSS

ARAI[®]
Progress through Research

GNSS

IOs

SOS

IP67

Battery



BSTPL-17L
4G LTE GPS Tracking Device

4G LTE

GNSS

ALERTS

IOs

SOS

IP67

Battery



BSTPL-17A
Advanced GPS Tracking Device

GSM

GNSS

ALERTS

IOs

SOS

IP67

Battery



BSTPL-15
Basic GPS Tracking Device

GSM

GNSS

FOTA

IOs

SOS

IP67

Battery





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